

COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY

(Abstract)

Regulations, Scheme and Syllabus of various Programmes offered under Faculty of Law - Approved by the Academic Council - Orders issued.

ACADEMIC A SECTION

No.CUSAT/AC(A).A3/3435/2025

Dated,KOCHI-22,21.08.2025

Read:-Item No. I (g) of the minutes of the meeting of the Academic Council held on
26.06.2025

ORDER

The Academic Council, vide item read above, considered along with the recommendations of its Standing Committee, the minutes of the combined meeting of the Board of Studies in Law UG/PG & Faculty of Law and resolved to approve the following:

- Regulations, Scheme and Syllabus of Five Year B.B.A., L.L.B (Honours) Programme with effect from 2025 admission offered at School of Legal Studies (**Appendix-VII(A)**).
- Regulations, Scheme and Syllabus of Five Year B.Com. LL.B (Honours) Programme with effect from 2025 admission offered at School of Legal Studies (**Appendix- VII(B)**).
- Regulations, Scheme and Syllabus of Five Year B.Sc LL.B (Hons) (Computer Science) Programme with effect from 2025 admission offered at ICREP (**Appendix- VII(C)**).
- Regulations, Scheme and Syllabus of Two-Year LL.M Programme with effect from 2025 admission offered at School of Legal Studies (**Appendix- VII(D)**).
- Regulations, Scheme and Syllabus of Two-Year LL.M (IPR) Programme with effect from 2025-26 admission offered at IUCIPRS (**Appendix-VII(E)**).
- Regulations, Scheme and Syllabus of Five-Year LL.M (IPR) Ph.D Programme with effect from 2025-26 admission offered at IUCIPRS (**Appendix- VII(F)**).
- Regulations, Scheme and Syllabus of Five-Year LL.M (IP) Ph.D Programme with effect from 2025-26 admission offered at IUCIPRS (**Appendix- VII(G)**).
- Regulations, Scheme and Syllabus of M.Sc Bioethics (Two-Year PG Programme) with effect from 2025-26 admission offered at ICREP (**Appendix - VII(H)**).

Orders are, therefore, issued accordingly.

Dr. Arun A U *
Registrar

To:

1. The Dean, Faculty of Law
2. The Chairperson, Board of Studies in Law UG/PG
3. The Director, School of Legal Studies
4. The Honorary Director, ICREP/IUCIPRS
5. All ARs/DRs Examination wing - with a request to forward to sections concerned
6. The Director, IQAC/ DoA
7. CIRM.Webmaster/Conference Sections
8. PS To VC/PS to PVC/PA To Registrar/PA to CE
9. Stock File/ File copy

* This is a computer generated document. Hence no signature is required.

COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY, KOCHI - 22

Appendix - VII(A)



Five Year BBA LLB (Honours) Programme

Regulations & Scheme – 2025

(w.e.f. 2025 Admissions)

SCHOOL OF LEGAL STUDIES
CUSAT

School of Legal Studies, CUSAT

**Five Year B.B.A., LL.B. (Honours) Programme (Regulations), 2025
(w.e.f 2025 Admissions)**

1. Introduction to the Course

- The Five Year Bachelor's Degree in Business Administration (B.B.A.) and Law (LL.B.) (Honours) programme shall consist of regular course of study for a minimum period of 10 semesters in five years after plus two.
- The course of study shall be by regular attendance at the requisite number of lectures, tutorials and practical training.
- The medium of instruction shall be English.
- Number of seats: Number of students to be admitted each year shall be decided and notified by the University from time to time.

2. Eligibility

- **Minimum qualification for admission:** A candidate who seeks admission to the course shall have passed plus two examinations with the prescribed percentage of marks (including languages) at the time of admission. The candidate should have secured a minimum of sixty percent (60%) marks for the plus two examinations if he/she pursued science group. The candidates who are from the commerce/arts/humanities stream shall have a minimum of fifty-five (55%) percentage of marks for the plus two examinations. The relaxation in pass percentage marks for candidates belonging to SC/ST /SEBC communities will be decided by CUSAT through its orders from time to time.
- **Age Limit:** The maximum and the minimum age for seeking admission into a stream of integrated Bachelor of law degree program, if any will also be determined by CUSAT through its orders from time to time.

3. Procedure for selection

- Admission to the course shall be made from the rank list prepared by the University on the basis of the score obtained by the candidate in the Common Admission Test conducted by the University annually.
- In making selection for admission, the pattern of reservation prescribed by the University shall be followed.

4. Fee structure

A student shall pay the fees prescribed by the University from time to time.

5. Curriculum

The B.B.A LL.B. (Hons.) curriculum shall consist of 18 compulsory courses in Business Management, 2 courses in English, 26 compulsory courses in Law including 4 clinical courses and 14 elective courses in Law. Six of the elective courses shall be chosen and offered by the Law School from among the General Elective Courses. The other eight elective courses shall be chosen either wholly from a particular group or from various groups such as Special Elective Groups viz., Constitutional Law, Business Law, Law and Agriculture, Intellectual Property Law and such other groups introduced by the University/Bar Council from time to time depending upon the availability of infrastructural facilities.

Subjects

A. Compulsory Courses in Law

1. Administrative Law
2. Civil Procedure Code and Limitation Act
3. Company Law
4. Constitutional Law – I
5. Constitutional Law – II
6. Consumer Protection Law
7. Environmental Law
8. Family Law – I
9. Family Law – II
10. General Principles of Contract (Law of Contract – I)
11. Jurisprudence (Legal Method, Indian Legal System and Basic Theory of Law)
12. Labour Law – I (Trade Unions and Industrial Disputes)
13. Labour Law – II (Social Securities Law)
14. Law of Crimes-I
15. Law of Crimes-II
16. Law of Criminal Procedure
17. Law of Evidence
18. Law of Torts and Motor Vehicles Accidents
19. Principles of Taxation Law
20. Property Law
21. Public International Law
22. Special Contracts (Law of Contract – II)

B. Compulsory Clinical Courses in Law

1. Drafting, Pleading and Conveyancing
2. Professional Ethics and Professional Accounting System
3. Mediation, Conciliation and Arbitration
4. Moot Court Exercise and Court Visit
5. Internship

C. Compulsory Courses in Management

1. Business Organisation and Management
2. Managerial Economics
3. Business Statistics
4. Business Environment
5. Business Communication
6. Financial Accounting
7. Cost Accounting
8. Advertising and Publicity Management
9. Modern Banking
10. Financial Management
11. Marketing Management
12. Human Resource Management
13. Business Ethics
14. Information Technology for Managers
15. Research Methodology
16. Management Project
17. Operations Management
18. Organizational Dynamics
19. General English – 1
20. General English – II

D. General Elective Courses in Law

1. Air and Space Law
2. Animal Protection Law
3. Criminology, Penology and Victimology
4. Disability Law
5. Disaster Management Law
6. Forensic Science and Medical Jurisprudence
7. Healthcare Law
8. Human Rights Law
9. Intellectual Property Laws
10. International Humanitarian and Refugee law
11. Interpretation of Statutes
12. Land Utilization Law
13. Law and Medicine
14. Law Governing Scientific Research
15. Law of Co-operative Societies
16. Law of Local Self Government
17. Law of the Sea
18. Law on Building and Engineering Contracts
19. Law, Poverty and Development

20. Laws Relating to Agriculture
21. Laws Relating to Armed Forces
22. Private International Law
23. Science, Technology and Law
24. Law on Democracy and Elections in India
25. Human Rights & Criminal Justice Administration

E. Special Elective Courses in Business Law

1. Banking Law
2. Bankruptcy and Insolvency Law
3. Competition Law
4. Foreign Trade Law
5. Information Technology Law
6. Insurance Law
7. Law of Carriages
8. Law of Corporate Governance
9. Law of Merger and Acquisition
10. Law on Corporate Finance
11. Law Relating to Ships
12. Marine Safety Law
13. International Trade Law
14. Securities Law
15. International Commercial Arbitration
16. Investment Law
17. Inter-state Trade & Commerce: Comparative Study
18. Sports Law

6. Teaching Scheme

Every teacher shall prepare a teaching plan at the commencement of the course. The teaching plan shall contain the details of lectures, seminars, discussions, treatises and other materials relied upon by him or her for handling the classes which shall be participatory. Lecture method, case-analysis method and discussion methods of teaching will be adopted.

7. Hours of Instruction

Six day week shall be followed with Sunday being a holiday. Second and Fourth Saturdays will be holidays. The class hours shall be from 9 am to 4 pm with lunch break between 1pm and 2 pm. Tutorial/ remedial classes may be arranged from 4 pm – 5 pm.

8. Uniform

The students shall wear the uniform except on Wednesdays and Saturdays.

Prescribed Uniform:

For Boys: Black pants and white shirt, neat, presentable and formal.

For Girls: Black pants and white shirt, neat, presentable and formal
or White Salwar with Black bottom and black over coat.

Dress code is to be strictly observed including on exam days.

Non-compliance can entail fine upto 100 /- per day and will warrant disciplinary action. The fine amount collected will go towards Cochin University Legal Aid Clinic (CULAC) fund.

9. Code of Conduct

Every student shall foster and maintain a vibrant academic, intellectual, cultural and social atmosphere which is consistent with the objectives of the University. The students shall strictly adhere to the Cochin University Students (Conduct and Disciplinary) Code 2005.

10. Examination

The evaluation of students in a course shall have two components:

- a) Evaluation through a Semester-end examination and
- b) Continuous evaluation by the course teacher(s).

- There shall be a University examination at the end of each semester. Candidates having attendance not less than 70% in each paper and 75 % in aggregate alone shall be admitted to the end semester examination.
- Marks for attendance will be awarded as per the University orders/circulars.
- Criteria for condonation of shortage of attendance will be decided by CUSAT through its orders from time to time.
- For each written paper carrying 100 marks, 50% shall be set apart for internal assessment and 50% marks for the end semester examinations. Internal assessment shall be made on the basis of overall performance during the semester such as regularity of attendance, preparation and presentation of assignments, test paper scoring and class room participation etc. The scheme for internal evaluation will be as follows:

Sl no:	Internal Component	Marks
1	Attendance	5
2	Test paper	20
3	Assignment Submission	10
4	Assignment Presentation	10
5	Class participation	5
Total marks		50

The internal evaluation scheme may be amended by the Department Council as and when required.

- The performance in practical training papers shall be assessed internally.
- A candidate who is registered and or is entitled to be presented for the examination in a semester shall be entitled to pursue the studies for the next semester of the course.
- Each registered student shall have completed an Internship of minimum of 20 weeks during the entire period of legal studies under NGO, Trial and Appellate Advocates, Judiciary, Legal Regulatory authorities, Legislatures and Parliament, Other Legal Functionaries, Market Institutions, Law Firms, Companies, Local Self Government and other such bodies as the University shall stipulate. Provided that internship in any year cannot be for a continuous period of more than Four Weeks. Every student need to maintain an authorized internship diary for the entire period of study reporting the internship work done. 2 Credits will be given for Internship. The students shall follow the internship rules approved by the Department Council.
- There shall be a Viva-Voce at the end of tenth semester examination which may cover all the courses taught for the whole programme. The viva board shall consist of the Chairman and two examiners, at least one of whom shall be an external examiner.
- The conduct of examination and other related matters shall be as per the University Exam Manual/regulations/orders which may be subject to changes as notified by the University from time to time. Improvement exam for end semester Examination, re-admission and validity of registration to complete the programme will be as per University rules.

11. Course Internship

Every student registered for the 5-year integrated LLB course shall complete a minimum of 20 weeks of course internship. The internship shall be done in compliance with the Internship Rules adopted by the Department Council. The Department Council (DC) shall announce the period during which the internship for the academic year shall be done. Internship will be evaluated on a yearly basis by a board consisting of two internal examiners. The student shall submit the internship report and diary after completion of each internship. The evaluation will be done as per criteria laid down in Internship Rules adopted by the Department Council from time to time. Internship shall be evaluated for a total of 100 marks which shall be entered in the Xth semester examination mark sheet.

12. Pass Minimum and Classification

- **Pass requirement:** For each course the pass requirement is 40% of the aggregate marks (continuous assessment marks + semester end exam marks) with a separate requirement of minimum 40% for the semester end examination. Those who fail in the semester end examination of any course may repeat the semester end examination of that course in the next available chance.
- **“Save a Year” supplementary examinations:** Special “Save a Year” supplementary examinations will be conducted for students who have failed in their final two

semesters (Regular UG programme- 9th & 10th Semester). Special supplementary examination for final semester will be conducted after the publication of that semester results. The exam will be conducted for all courses of that semester. The student will be awarded the actual grade he/she obtains in the special supplementary examination. Those who fail in the end-semester examination/special supplementary examination of any course may repeat the semester end examination of that course in the next available chances.

- **Improvement Examination:** The students are permitted to improve their marks in the end-semester examination subject to the conditions below:
 - i. The student can write the improvement exam only for courses where he/she secured P grade or above in the regular chance.
 - ii. The number of courses where a student can register for improvement exam is restricted to a maximum of two courses per semester.
 - iii. The improvement exam is not permitted for courses offered in the final two semesters of the programme (Semester IX and X).
 - iv. The improvement exam should be written in the next available chance with the immediately following batch.
 - v. There will be no improvement for internal examinations or practical examinations.
 - vi. The higher of the marks (original mark or improvement marks) will be treated as the final end semester marks for grade calculation.
- The minimum credit to qualify the degree is 300 credits.
- Ranking shall be done on the basis of marks obtained by the candidate in the whole examination passed in the first chance.

13. Grading

The following 10-point grading system shall be adopted. The grades will be awarded for each course based on the aggregate marks (continuous assessment marks+ end semester examination marks) obtained subject to the requirement of minimum 40% for the semester end examination.

Percentage of Marks obtained	Grade points	Letter Grade	Description
95 - 100	10	O	Outstanding
85 – 94.99	9	A+	Excellent
75 – 84.99	8	A	Very Good
65 – 74.99	7	B+	Good
55 – 64.99	6	B	Above Average
45-54.99	5	C	Average
40-44.99	4	P	Pass
Below 40	F	0	Fail
Absent	Ab	0	Ab

A student is considered to have earned credits in respect of a course if he/she secures a grade other than F for that course.

Grade Point Average

Overall performance at the end of the semester will be indicated by **Grade Point Average (GPA)** calculated as follows:

$$\text{GPA} = \frac{G_1C_1 + G_2C_2 + G_3C_3 + \dots + G_nC_n}{C_1 + C_2 + C_3 + \dots + C_n}$$

Where 'G' refers to the grade point and 'C' refers to the credit value of the corresponding course undergone by the student. The Grade Point Average (GPA) for each semester will be calculated only for those students who have passed all the registered courses of that semester. Similarly, Cumulative Grade Point Average (CGPA) up to any semester will be calculated only for those students who have passed all the courses up to that semester.

At the end of the final semester Cumulative Grade Point Average (CGPA) will be calculated based on the above formula, considering the Credits and Grades earned during the entire programme of study.

The classification based on CGPA will be as follows:

First Class with Distinction (FCD)	CGPA 7.5 and above
First Class	CGPA 6 to 7.499
Second Class	CGPA 5 to 5.999

Accordingly, the pass requirements shall be modified as:-

- For each course, 40% of the aggregate marks (continues assessment marks + end semester marks) with a separate minimum requirement of 40% for the end semester examination.
- Minimum aggregate CGPA required for successful completion of the programme will be 4.0.

Conversion of GPA/CGPA to Percentage marks

The CGPA to percentage conversions shall be done using the formula:

$$\% \text{ marks} = \text{CGPA} \times 10$$

Grade Card

The Grade Card issued at the end of the semester to each student by the Controller of Examinations, will contain the following:

- The code, title, number of credits of each course registered in the semester,
- The letter grade obtained,
- The total number of credits earned by the student upto the end of that semester and
- GPA & CGPA.

14. Revision of Regulations and Curriculum

The University may from time to time revise, amend or change the Regulations, scheme of Examinations and the syllabus. **The regulations will be effective from BBA LLB (Hons.) 2025 admission onwards.**

Programme Objectives, Outcomes and Mapping

Vision of the Cochin University of Science and Technology

The University aims to become an Institution of Global Standards by continuously improving its quality of academic activities, taking up research and innovation in the frontier areas and by ensuring conducive state-of-the-art infrastructural facilities.

Mission of the Cochin University of Science and Technology

CUSAT will continuously strive to generate a human resource of global competence by imparting the most modern knowledge and training to its student community and to take up Research and Development activities in the frontier areas to contribute positively to the progress of the society and the Nation. The University shall have the following objectives as its mission:

- To encourage and promote research and innovation in applied science, technology, industry, commerce, management and social science for the advancement of knowledge and the betterment of society.
- To provide facilities and offer opportunities for graduate and post-graduate education in applied science, technology, industry, commerce, management and social science by instruction, training, research, development, innovation and extension and by such other means as the University may deem fit.
- To devise and implement programmes of education in applied science, technology, industry, commerce, management and social science that is relevant to the changing needs of society, in terms of breadth of diversity and depth of specialization.
- To serve as a centre for fostering co-operation and exchange of ideas between the academic and research community on the one hand and industry on the other.
- To organize exchange programmes with other institutions of repute in India and abroad to keep abreast of the latest innovation and developments in relevant areas of teaching and research.

Programme Specific Outcome

PSO 1: To assimilate the study of law in terms of business management so as to groom professionals who can effectively lead as well as advice the corporate as well as the legal world.

PSO 2: To provide hands on experience in critical legal reasoning and skills so as to be experts in the field of law and management.

PSO 3: To identify, analyse and resolve legal and managerial issues as well as play decisive and different roles as a legal practitioner, judge, researcher, advisor, arbiter, entrepreneur, and management professionals.

PSO 4: To cultivate the ability to be responsible leaders of business organisations by incorporating the fine principles of law and justice.

Mapping Vision and Mission of the University with the Programme Outcome:

	<i>PO 1</i>	<i>PO 2</i>	<i>PO 3</i>	<i>PO 4</i>
<i>Vision of the University</i>	√	√	√	√
<i>Mission 1</i>	√	√	√	√
<i>Mission 2</i>	√	√	√	√
<i>Mission 3</i>	√	√	√	√
<i>Mission 4</i>	√	√	√	
<i>Mission 5</i>	√	√		

Course Contents and Syllabi in OBL format

The reference materials given are inclusive. The stakeholders are expected to refer the latest decisions, legislations, international documents, books, articles case laws and other materials. In the case of books, the latest edition is expected to be referred.

BBA. LL.B. (Honours) Programme- Regulations, Scheme and Syllabus, 2025

BBA LLB (Hons.) Courses by Semester							
Sl.No.	Subject	Subject Code	*Hours of Instructions	Marks	Marks	Total	Credit
				Internal	External		
Semester I							
1	General English-1	25-272-0101	6hours	50	50	100	5
2	Business Organisation and Management	25-272-0102	6hours	50	50	100	5
3	Business Statistics	25-272-0103	6hours	50	50	100	5
4	Managerial Economics	25-272-0104	6hours	50	50	100	5
5	General Principles of Contract (Law of Contract-I)	25-272-0105	6hours	50	50	100	5
6	Law of Torts and Motor Vehicle Accidents	25-272-0106	6hours	50	50	100	5
	TOTAL			300	300	600	30
Semester II							
1	General English-II	25-272-0201	6hours	50	50	100	5
2	Business Communication	25-272-0202	6hours	50	50	100	5
3	Business Environment	25-272-0203	6hours	50	50	100	5
4	Financial Accounting	25-272-0204	6hours	50	50	100	5

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5	Constitutional Law–I	25-272-0205	6hours	50	50	100	5
6	Special Contracts (Law of Contract - II)	25-272-0206	6hours	50	50	100	5
	TOTAL			300	300	600	30
Semester III							
1	Advertising and Publicity Management	25-272-0301	6hours	50	50	100	5
2	Cost Accounting	25-272-0302	6hours	50	50	100	5
3	Modern Banking	25-272-0303	6hours	50	50	100	5
4	Constitutional Law–II	25-272-0304	6hours	50	50	100	5
5	Jurisprudence (Legal Method, Indian Legal System and Basic Theory of Law)	25-272-0305	6hours	50	50	100	5
6	Law of Crimes-I	25-272-0306	6hours	50	50	100	5
	TOTAL			300	300	600	30
Semester IV							
1	Financial Management	25-272-0401	6hours	50	50	100	5
2	Human Resource Management	25-272-0402	6hours	50	50	100	5
3	Marketing Management	25-272-0403	6hours	50	50	100	5
4	Administrative Law	25-272-0404	6hours	50	50	100	5
5	Family Law–I	25-272-0405	6hours	50	50	100	5

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6	Law of Crimes-II	25-272-0406	6hours	50	50	100	5
	TOTAL			300	300	600	30
Semester V							
1	Business Ethics	25-272-0501	6hours	50	50	100	5
2	Information Technology for Business and Law	25-272-0502	6hours	50	50	100	5
3	Consumer Protection Law	25-272-0503	6hours	50	50	100	5
4	Family Law–II	25-272-0504	6hours	50	50	100	5
5	Law of Criminal Procedure	25-272-0505	6hours	50	50	100	5
6	Law of Evidence	25-272-0506	6hours	50	50	100	5
	TOTAL			300	300	600	30
Semester VI							
1	Research Methodology	25-272-0601	6hours	50	50	100	5
2	Strategic Management	25-272-0602	6hours	50	50	100	5
3	Civil Procedure Code and Limitation Act	25-272-0603	6hours	50	50	100	5
4	Company Law	25-272-0604	6hours	50	50	100	5
5	Labour Law–I (Trade Unions and Industrial Disputes)	25-272-0605	6hours	50	50	100	5

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6	Public International Law	25-272-0606	6hours	50	50	100	5
	TOTAL			300	300	600	30
Semester VII							
1	Management Project	25-272-0701	6hours	100	0	100	5
2	Environmental Law	25-272-0702	6hours	50	50	100	5
3	Labour Law–II (Social Security Laws)	25-272-0703	6hours	50	50	100	5
4	Principles of Taxation Law	25-272-0704	6hours	50	50	100	5
5	Property Law	25-272-0705	6hours	50	50	100	5
6	Drafting, Pleading and Conveyancing	25-272-0706	6hours	100	0	100	4
	TOTAL			400	200	600	29
Semester VIII							
1	Professional Ethics and Professional Accounting System	25-272-0801	6hours	100	0	100	4
2	Organisational dynamics	25-272-0802	6hours	50	50	100	5
3	General Elective 1		6hours	50	50	100	5
4	General Elective 2		6hours	50	50	100	5
5	Special Elective 1		6hours	50	50	100	5
6	Special Elective 2		6hours	50	50	100	5

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	TOTAL			350	250	600	29
General Elective for VIII (Any Two)							
1	Air and Space Law	25-272-0803	6hours	50	50	100	5
2	Criminology, Penology and Victimology	25-272-0804	6hours	50	50	100	5
3	Disaster Management Law	25-272-0805	6hours	50	50	100	5
4	Human Rights Law	25-272-0806	6hours	50	50	100	5
5	Interpretation of Statutes	25-272-0807	6hours	50	50	100	5
6	Law on Building and Engineering Contracts	25-272-0808	6hours	50	50	100	5
7	Law Relating to Agriculture	25-272-0809	6hours	50	50	100	5
8	Law Relating to Child	25-272-0810	6hours	50	50	100	5
9	Women & Criminal Law	25-272-0811	6hours	50	50	100	5
Special Electives For VIII (Any Two)							
1	Securities Law	25-272-0812	6hours	50	50	100	5
2	Information Technology Law	25-272-0813	6hours	50	50	100	5
3	Banking Law	25-272-0814	6hours	50	50	100	5
4	Law of Carriages	25-272-0815	6hours	50	50	100	5
5	Foreign Trade Law	25-272-0816	6hours	50	50	100	5

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6	Law on Corporate Finance	25-272-0817	6hours	50	50	100	5
Semester IX							
1	Mediation, Conciliation and Arbitration	25-272-0901	6hours	100	0	100	4
2	General Elective 3		6hours	50	50	100	5
3	General Elective 4		6hours	50	50	100	5
4	Special Elective 3		6hours	50	50	100	5
5	Special Elective 4		6hours	50	50	100	5
6	Special Elective 5		6hours	50	50	100	5
	TOTAL			350	250	600	29
General Electives for IX (Any Two)							
1	Animal Protection Laws	25-272-0902	6hours	50	50	100	5
2	Intellectual Property Laws	25-272-0903	6hours	50	50	100	5
3	Forensic Science and Medical Jurisprudence	25-272-0904	6hours	50	50	100	5
4	Healthcare Law	25-272-0905	6hours	50	50	100	5
5	Law of Local Self Government	25-272-0906	6hours	50	50	100	5
6	Law of the Sea	25-272-0907	6hours	50	50	100	5
7	Law, Poverty and Development	25-272-0908	6hours	50	50	100	5

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8	Law and Medicine	25-272-0909	6hours	50	50	100	5
9	Human Rights & Criminal Justice Administration	25-272-0910	6hours	50	50	100	5
Special Electives for IX (Any Three)							
1	Bankruptcy and Insolvency Law	25-272-0911	6hours	50	50	100	5
2	Marine Safety Law	25-272-0912	6hours	50	50	100	5
3	Insurance Law	25-272-0913	6hours	50	50	100	5
4	Law Relating to Ships	25-272-0914	6hours	50	50	100	5
5	Law of Mergers and Acquisitions	25-272-0915	6hours	50	50	100	5
6	International Trade Law	25-272-0916	6hours	50	50	100	5
Semester X							
1	Moot Court Exercise and Court Visit	25-272-1001	6hours	100	0	100	4
2	General Elective 5		6hours	50	50	100	5
3	General Elective 6		6hours	50	50	100	5
4	Special Elective 6		6hours	50	50	100	5
5	Special Elective 7		6hours	50	50	100	5
6	Special Elective 8		6hours	50	50	100	5
7	Course Viva-Voce	25-272-1050	-	-	100	100	2

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8	Course Internship	25-272-1051		100		100	2
	Total			450	350	800	33
General Electives for X (Any Two)							
1	Law on Democracy and Elections in India	25-272-1002	6hours	50	50	100	5
2	International Humanitarian and Refugee Law	25-272-1003	6hours	50	50	100	5
3	Land Utilization Law	25-272-1004	6hours	50	50	100	5
4	Disability Law	25-272-1005	6hours	50	50	100	5
5	Law Relating to Armed Forces	25-272-1006	6hours	50	50	100	5
6	Law Governing Scientific Research	25-272-1007	6hours	50	50	100	5
7	Law of Co-operative Societies	25-272-1008	6hours	50	50	100	5
8	Private International Law	25-272-1009	6hours	50	50	100	5
9	Science, Technology and Law	25-272-1010	6hours	50	50	100	5
Special Electives for X (Any Three)							
1	Competition Law	25-272-1011	6hours	50	50	100	5
2	Law of Corporate Governance	25-272-1012	6hours	50	50	100	5
3	Inter-State Trade & Commerce: Comparative Study	25-272-1013	6hours	50	50	100	5
4	Sports Law	25-272-1014	6hours	50	50	100	5

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5	Investment Law	25-272-1015	6hours	50	50	100	5
6	International Commercial Arbitration	25-272-1016	6hours	50	50	100	5
	Grand Total (for the Course)			3350	2850	6200	300
*Hours of Instructions is inclusive of lectures, Moots, seminars, presentations, case-studies, etc. as per Legal Education rules of Bar Council of India							

Ist Semester BBA LLB (Hons.)

1	General English-1
2	Business Organisation and Management
3	Business Statistics
4	Managerial Economics
5	General Principles of Contract (Law of Contract–I)
6	Law of Torts and Motor Vehicle Accidents

1. General English I

Semester 1	Course 1	(25-272-0101)

Course Objectives

The objective of the course is to give the students a strong foundation of the English language which in turn is the basis of legislations, judgments and other legal instruments. The course is to equip them with the correct usage of English language and thus the possible interpretations of the same. This is essential for the students to learn law, in applying law, in arguing law, in drafting, and in judgment writing.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to :		
CO1	Use the grammar correctly	Understand
CO2	Develop good vocabulary, writing skills, intellectual creativity and flexibility.	Apply
CO3	Nurture critical thinking and cultural literacy	Evaluate

CO –PSO Mapping Table

	PO1	PO2	PO3	PO4

CO1	3	3	3	3
CO2	3	2	2	2
CO3	2	2	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

- Module I:** Tenses and Concord, Nouns, Pronouns, Relative Pronouns
- Module II:** Gerunds, Adjectives, Adverbs, basic transformations.
- Module III:** Complex and Compounds Sentences Conditionals. Reported Speech
- Module IV:** Question tags and short responses, Common errors in usage
- Module V:** Reading comprehension - Principles and practices. Listening comprehension

References

1. David B. Paie, How to Write Critical Essays?
2. Otto Jespersen, Growth and Structure of the English Language.
3. Bryand, English in the Law Courts.
4. Linter, The Practice of Criticism.
5. Lindley Murray, An English Grammar, Comprehending the Principles and Rules of the Language illustrated, 1806
6. Richard Posner, Law and Literature
7. Nani Palkiwala- We , The People
8. Justice M Hidayatullah, A Judges Miscellany

2. Business Organisation and Management

Semester 1	Course 2	(25-272-0102)

Course Objectives

The objective of this course is to provide a basic knowledge to the students about the business organisations, to familiarize them with the basics of principles of management and to impart them an understanding of the art of management of business enterprises.

Course Outcomes (COs)	Bloom's Taxonomy Level
After completion of the course, the student will be able to :	

CO1	Demonstrate the realities of business and also provide industry insights that enables the student to have a strong foundation for becoming a successful businessman.	Understand
CO2	Develop qualities of an effective team player to optimize organization's performance	Evaluate
CO3	Analyse various roles of managers in firms	Analyse

CO- PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	2
CO2	3	3	3	3
CO3	2	3	2	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Nature and Scope of Business**

Meaning and characteristics of business; Divisions of business; Objectives of business; Business and economic systems; Evolution of Business; Forms of Business organisation; Requisites for success in modern business; Qualities of a Good Businessman

Module II: Nature of Management

Concept and features of management; Management and Administration; Nature of Management: Is Management a Science or an Art?, Is Management a Profession?, Universality of Management; Importance of management; Evolution of Management Thought

Module III: Functions of Management

Nature of management functions; Management Role; Functions at various of Levels of Management: Functions of Board of Directors, Functions of Chief Executive, Functions of Middle Management, Functions of Supervisory Management; Functional areas of management

Module IV: Managerial Planning, Decision Making and Design of Organisation Structure

Concept and nature of planning; Importance of planning; Steps in planning; Types of planning; Types of plans; Management by Objectives. Decision Making: Concept of decision and decision making; Types of decisions, Decision making process. Design of organization structure; Forms of organization structure; Coordination: Concept of coordination; Need for coordination; Types of coordination; Techniques for effective coordination

Module V: Staffing and Controlling

Staffing: concept of staffing; Importance of staffing; Factors affecting staffing; Directing: Concept of directing; Principles of directing; Motivation Theories: Maslow’s need hierarchy theory, McGregor’s theory X and theory Y. Controlling: Concept of controlling; Steps in controlling; Types of control; Design of effective control system; Essentials of effective control system; Causes of resistance to control.

References

1. R. D. Agarwal, Organization & Management, McGraw Hill., 2017
2. Sharma Shashi K. Gupta, Business Organization & Management Kalyani Publishers, 2016
3. S.A. Sherlekar, V.S. Sherlekar, Modern Business Organization , Himalaya Publishing House, 2016
4. C.R. Basu, Business Organization & Management ,Tata McGraw Hill, 1998
5. R. N. Gupta, S., Business Organization & Management: Chand, 2010
6. Uma Shekaram, Business Organization & Management, Tata McGraw Hill, 2018
7. Niranjan Reddy & Surya Prakash, Business Organization & Management, Vaagdevi publishers.2016
8. Harold Koonts & Cyril O’Donnell, Principles of Management 2015
9. W Jack Dunean , Essentials of Management 2013

3. Business Statistics

4. Semester 1	Course 3	(25-272-0103)

Course Objectives

The objective of this course is to provide basic knowledge about statistics and enable students to learn statistical techniques for further study in business, economics, and finance. This course applies statistical methods in a business context to address business related questions and evidence based decisions. It enables students to apply commonly used statistical methods and how to interpret the results.

Course Outcomes (COs)		Bloom’s Taxonomy Level
After completion of the course, the student will be able to :		
CO1	Outline different types data and sources of data	Understand
CO2	Apply the basic statistical tools	Apply
CO3	Develop critical thinking and problem-solving skills.	Evaluate

CO-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	1	1	3
CO2	3	1	1	3
CO3	3	1	1	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Introduction to Statistics**

Origin, Meaning, Scope and Limitations of Statistics, Relationship with business and Industry, Data, Types of Data, Big Data, Information, Business analytics, Statistical variables: Qualitative and Quantitative Data.

Module II: Data Processing

Data Collection, Classification and Tabulations of data, Frequency Distributions, Data Grouping: Discrete and Continuous, Introduction to Graphs, Graph for Qualitative variables, Graph for Quantitative variables, various types of graphs and diagrams: pictographs, bar diagram, scatter diagram, histogram, pie chart, frequency curve and frequency polygon

Module III: Measures of central tendency

Mean, Median and Mode, Weighted Average, Geometric Mean, Harmonic Mean, Relative merits of Mean, Median and Mode in a distribution, Mean of two or more means - Measure of dispersion – range – quartiles- standard deviation - Coefficient of variation Skewness – Kurtosis.

Module IV: Introduction to Correlation and Regression

Correlation – Meaning - Positive, negative and zero correlation, Correlation through Scatter diagrams, Interpretation of Correlation Co-efficient, Simple and Multiple Correlation; Regression

Module V: Probability Theory

Basic concepts in probability. Statistical dependence and independence, Bayes theorem, Sample-space and Events, Simple and Compound Events, Probability and Probability Distributions: Normal Distribution, Binomial and Poisson distribution

References

1. Aczel, Amir D., Sounderpandian, J. & Saravanan P. Complete Business Statistics McGraw Hill Education India Private Limited, 2017

2. Albright, S.C. & Winston, W.L. Business Analytics: Data Analysis and Decision Making, Cengage Publications, 2017
3. Anderson, D., Sweeney, D., Williams, T., Camm, J., & Cochran, J. Statistics for Business&Economics, Cengage Learning, 2014
4. Roger E. Kirk Statistics: An Introduction, Thomson-WadsworthPublication, 2008
5. Mc. Clave, Benson and Sincich, Statistics for Business and Economics, Prentice Hall Publication, 2018
6. Jack Levin, James Alan Fox, Elementary Statistics in Social Research, Pearson Education, 2013
7. Richard Levin, Statistics for Management, Pearson, 2008
8. Balakrishnan, N., Render, B., Stair, R. M., & Munson, C. Managerial decision modeling. Upper Saddle River, Pearson Education, 2017
9. Powell, S. G., & Baker, K. R. Business analytics: The art of modeling with spreadsheets, Wiley, 2017
10. Stine, R.E., & Foster, D. Statistics for Business: Decision Making and Analysis, Pearson Education, 2013.

4. Managerial Economics

Semester 1	Course 4	(25-272-0104)

Course Objectives

The objectives of this course are to provide knowledge to the students about basic economic concepts and to familiarise the students with the economic principles and theories underlying various business decisions and to equip the students to apply the economic theories indifferent business situations.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Articulate competition strategies, including costing, pricing, product differentiation, and market environment according to the nature of products and the structures of the markets.	Apply
CO2	Analyze real-world business problems with a systematic theoretical framework.	Analyse
CO3	Devise optimal business decisions by integrating the concepts of economics, mathematics and statistics	Create

CO-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	3
CO2	2	2	1	2

CO3	3	3	3	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Introduction**

Definition, scope, role in Business decisions; Economics systems.

Module II: Demand analysis

Demand analysis- utility analysis of consumer's demand; indifference curves; consumer equilibrium; elasticity of demand and its measurements. Demand distinction-durable and non- durable goods, derived and autonomous demand, industry and company demand; demand for forecasting-methods.

Module III: Cost analysis

Cost analysis-cost concepts and classification, cost-output relationship, determination of cost, breakeven analysis. Cost control and cost reduction.

Module IV: Markets its classification

Price determination; Market its definition and classification, price output determination under perfect and monopolistic condition. Business cycle: causes- indicators-business forecasting-use of business cycles in business decisions

Module V: National income

National income – meaning and concepts Trends in India's National Income – GDP – GNP – NNP - Methods of measuring national income - unemployment, black money and corruption – rising prices – Micro finance and its significance – importance of infrastructure in India's economic development.

References

1. Craig H Peterson and Jain, Managerial Economics, Pearson education, 2005
2. Gupta, Managerial Economics, Tata McGraw Hill, 2017
3. Maheshwari and Gupta, Managerial Economics, Sultan Chand & Sons, 2017
4. Dr. P.C. Thomas, Managerial Economics, Kalyani Publishers, 2016
5. H.L. Ahuja, Managerial Economics, Chand and Company, 2017
6. Mithani, Managerial Economics, Himalaya Publications, 2013
7. R.L. Varshney and K.L. M Maheshwari, Managerial Economics Sultan Chand, 2014
8. R.N. Chopra, Managerial Economics, Kalyani Publishers, 2011
9. D.N. Dwivedi, Managerial Economics Vikas Publishers, 2015

5. General Principles of Contract (Law of Contract-I)

Semester 1	Course 5	(25-272-0105)

Course Objectives

The distinctive feature of this foundational course is that it is offered in two levels and is a consolidation of general principles of law of contracts. The focus of this course will be on the nature of agreement, the reason for non-enforceability of an agreement, the justification for non-performance of an agreement and the ground for awarding damages. The discussion will further entail the analysis of the law of obligations and specific reliefs for breach of contracts. The course also examines the practical applications of law relating to contracts to resolve issues posed by a technology driven commercial world. Being a foundation course the approach will be both theoretical and critical with emphasis on case law analysis.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the norms for formation and discharge of contracts in India and role of courts in enforcing them.	Understand
CO2	Apply the general principles of contract law to solve issues posed by an evolving technology driven society.	Apply
CO3	Analyse the legal framework relating to law of contracts.	Analyse

CO-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	2
CO2	3	3	3	2
CO3	3	3	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course contents**Module I : Formation of Contract**

Nature of contractual obligation - Theories of contract –Constitutional Values and Contract - General classification of contracts – Electronic/ Smart Contracts – AI generated contracts– Government Contracts & International Contracts- offer-its Types, Intention to create legal relationship - Acceptance – Forms, essential elements Communication &Revocation.

Module II : Essentials of Contracts

Capacity of parties – Legal Disqualification to enter into Contracts- Minors, Persons of Unsound mind – Effects of agreement with disqualified persons- Free consent - factors vitiating free consent - Misrepresentation, coercion - and undue influence – Fraud & Mistake

Module III : Objects of Contract

Lawful object- Void transactions- Agreements against public policy-Agreement in restraint of trade, Marriage and legal proceedings –Uncertain and Wagering agreements.

Module IV: Consideration

Consideration- Types- Effect of contract without consideration-Exceptions- Privity of Contract & Consideration.

Module V : Discharge of Contracts & Remedies

Discharge of contracts -Performance of contracts – Breach of Contracts - types of impossibility of performance - Alterations and novation - Accord and satisfaction - Quasi contracts- Remedies for breach - Damages –general and special - Specific performance – Types- Recession and cancellation -Injunctions - Declaratory remedies

References

1. Avatar Singh, Law of Contract and Specific Relief , Eastern Book Co, 2023.
2. Pollock & Mulla Indian Contract and Specific Relief Acts, Vol. 1, Butterworths, 2021
3. W.R. Anson, Principles of Law of Contracts, Alpha edition , 2020
4. W.R. Anson, Principles of the English Law of Contract and of Agency in its Relation to Contract, 2019
5. Trietal, The Law of Contract, Sweet& Maxwell, 2023
6. A.Burrows, Remedies for Tort and Breach of Contract. Butterworths , 2019
7. Fry, A Treatise on the Specific Performance of Contracts, Universal Law Publishing Co. Pvt. Ltd., India Reprint (2023).
8. McGregor, Harvey, Mayne and McGregor on Damages, 12th edn. Sweet and Maxwell, London, 1961.
9. McMeel, Gerard, The Modern Law of Unjust Enrichment and Restitution, Oxford University Press, 2003.

6. Law of Torts and Motor Vehicle Accidents

Semester 1	Course 6	(25-272-0106)

Course Objectives

This course is intended to give an idea about fundamentals of civil liability in India. It provides understanding about various specific torts, it's essential ingredients, remedies and defences. It also deals with compensation under Motor Vehicles Act.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the legal principles governing real life situations happening in and around him such as assault, battery and trespass etc.	Understand
CO2	Identify wrongful acts and appraise remedies and defences applicable to such cases.	Evaluate
CO3	Become successful lawyers in civil courts in India.	Apply

CO–PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	2
CO2	3	3	3	2
CO3	3	3	3	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Introduction**

Introduction - Definition, Nature and Scope of Law of Torts - Torts and Crime - Torts and Contract - Essential Elements of Law of Torts - Pigeon Hole Theory - Relevancy of Motive in Law of Torts – Specific Defences.

Module II: Parties

Capacity and Parties in Torts - Joint and Several Tort-feasors - Malfeasance, Misfeasance, Nonfeasance- Vicarious Liability - Master and Servant - Doctrine of Common Employment.

Module III: Specific Torts -1

Nuisance – Essential Elements – Remedies – Defences - Negligence - Elements of Negligence - *Res Ipsa Loquitor* - Contributory Negligence – Defences - Nervous Shock – Its Meaning and Principles – Defamation - Malicious Prosecution

Module IV: Specific Torts - 2

Trespass to Person: Assault, Battery – Mayhem & False Imprisonment - Trespass to Land - Trespass *ab initio* – Remedies - Defences - Strict Liability - Rule in *Ryland's v. Fletcher*- Dangerous thing – Escape of thing - Non-natural use of land - Exceptions - Its criticisms- Absolute Liability - Bhopal Gas Leak Disaster Case- Constitutional Tort.

Module V: Economic Torts, Remedies and Liability for Motor Vehicles Accidents

Malicious Falsehood - Tort of Passing off – Intimidation –Conspiracy -Inducing breach of Contract - Detinue – Tort of Conversion (Trover) - Tort of Deceit - Slander of Title – Slander of Goods - Judicial Remedies – Extra-judicial Remedies - Liability under Motor Vehicles Act, 1988 - Compensation in Motor Vehicle Accidents - Nature and Extent of Insurer’s Liability - Claims Tribunal - Award of Compensation

References

1. W V H Rogers, Winfield & Jolowicz Tort, Sweet & Maxwell, London, 2020
2. RFV. Heusto et al., Law of Torts, Universal Law Publishers, Delhi, 1996
3. SP Singh & Indrajith Singh, Law of Torts, Universal Law Publishers, Delhi, 2010
4. B M Gandhi, Law of Torts, EBC, Lucknow, 2022
5. Ratanlal & Dhirajlal, The Law of Torts, Wadhwa, Nagpur, 2018
6. Paula Giliker & Silas Beckwith, Tort, Sweet & Maxwell, London, 2008
7. Vivienne Harpwood, Principles of Tort Law, Cavendish Publishing Limited, 2008
8. A Laxminath& M. Sridhar, Ramaswamy Iyer: The Law of Torts, Lexis Nexis, 2007
9. Basu, Exhaustive Commentary on Motor Vehicles, Whytes & Co,2024

IInd Semester BBA LLB (Hons.)

1	General English–II
2	Business Communication
3	Business Environment
4	Financial Accounting
5	Constitutional Law–I
6	Special Contracts (Law of Contract - II)

1. General English II

Semester 2	Course 1	(25-272-0201)

Course Objectives

This course is to enable the students to learn English language to use it more effectively in the interpretation of the legislations, judgements international documents, and write-ups. The students will be able to draft legislations themselves as part of their assignments in the class. They can also present their case before the court while practicing as lawyers in an effective manner with confidence. As Advocates, they can draft documents like Complaint, Written Statement etc. more effectively. As judges, they can write judgments more convincingly.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Develop the attitude in linking Law with language	Apply
CO2	Analytically evaluate the wordings of legislations	Evaluate
CO3	Acquire proficiency in English language so as to develop arguments for his case in courts as well as for facing other verbal challenges like interviews, group discussions or debates	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	3
CO2	3	3	2	2

CO3	2	3	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Idioms, phrases and Usages -with the help of judgment of Justice V.R. Krishna Iyer and Lord Denning

Module II: Modern Prose

Module III: Pairs of Words, synonyms and antonyms- their usages in legislations

Module IV: Précis writing- Using judgments -Essay writing - Techniques – Methodology- Link literature and Law- Shakespearean Dramas

Module V: Modern style - use of English in Judgment writing (for example, Judgments of Krishna Iyer and Denning)

References

1. Roderick, English Transformational Grammar
2. Veluri Subba Rao, The Philosophy of a Sentence and its Parts
3. Fowler, The King's English.
4. Alan Durand, *Language and Law* Routledge, 2017.
5. Constance Jordan, The Law in Shakespeare, Palgrave Macmillan, 2007
6. Richard Posner, Law and Literature, Harvard University Press, 1998.
7. Peter Goodrich, Law and Literature, Elgar.
8. Usha Ganesh, Law and Literature, Central Law agency, 2023
9. Mark Fortier, Literature and Law, Routledge, 2019.
10. Shakuntala Bharvani, The Law and Literature, Himalaya Publishing House

2. Business Communications

Semester 2	Course 2	(25-272-0202)

Course Objectives

To familiarise the importance of communication in business and methods of communication relevant to various business situations and to build up communication skills among students.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand effective business writing and effective business communication	Understand

CO2	Deliver effective presentations	Apply
CO3	Develop effective interpersonal communications	Apply
CO4	Develop skills that maximize team effectiveness and effective problem solving	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	2	1	2	1
CO2	3	1	1	2
CO3	2	2	2	2
CO4	3	2	2	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Introduction to Communication**

Meaning and definition-process-functions-objectives-importance-essentials of good communication-communication media-communication barriers-overcoming communication barriers.

Module II: Types of Communication

Written –oral-face to face- silence- merits and limitation of each types- mastering the art of delivery-speaking skills-writing skills-listening skills-observation skills.

Module III: Business Letters

Need and functions of business letters-planning and lay out of business letters-kinds of business letters-essentials of effective correspondence-enquires and replies-placing and fulfilling orders-complaints and follow up-sales letter circular letters-application for employment and resume-report writing –notice , agenda and minutes of the meeting-memos.

Module IV: Oral Communication

Meaning nature and scope-principles of effective oral communication-techniques of effective speech-media of oral communication-group decision making-conflict and negotiations presentation and interviews-speech customer care/customer relations-public relations.

Module V: Presentations & Report writing

Making Presentations-choosing a method of speaking-Non-verbal dimensions of presentations-effective presentation strategies-Types of reports-structure of reports-Individual and committee reports-essentials of good report writing.

References

1. Rajendra Pal & J. S. Koriahalli, Essentials of Business Communications, 2011
2. Ramesh M. S. & Pattan Shetty C. C , Effective Business English & Correspondance, 2003
3. Kaul, Asha: Business Communication: Prentice-Hall of India, Delhi , 2014
4. Bhatia R.C, Business Communication. Ane Books Private Ltd , 2008
5. Reddy P.N, and Appannia, Essentials of Business Communication, Himalaya Publishing House,2017
6. Shalini Agarwal Essential communication skills, Ane Books , 2015
7. Sharma R.C, Krishna Mohan, Business Correspondence and Report writing- Tata Mcgraw hills . 2017'
8. C SV Moorthy- Management Information Systems- Himalaya Publishing House., 2010

3. Business Environment

Semester 2	Course 3	(25-272-0203)

Course Objectives

The course aims to depict various environment factors related to the business. It also provides an overview of impact of environment on business. It focuses on business environmental factors and the nature of international business. It aims students to understand the factors contributing to the diverse business environment, competition and the resources needed to compete effectively.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand how business is affected by economic, political, social, cultural, financial, legal and technological environment	Understand
CO2	Examine role of innovation and technology diffusion	Evaluate
CO3	Analyse the effects of government policy on the economic environment	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	3
CO2	3	1	1	3
CO3	3	3	3	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Introduction

Business Environment: Concept; Nature and scope; Importance; Types of Environment: Internal and External environment; micro and macro environment- Corporate Governance- Corporate Social Responsibility- Environmental Analysis

Module II: Economic and Political Environment

Nature and characteristics of Indian Economy; Structure of the economy; Economic factors- growth strategy; Basic economic system, Fiscal and Monetary Policy, Economic roles of government: Economic policy of the government; Liberalization, Privatization and Globalization of Indian Economy, Components of political environment.

Module III: Technological Environment

Impact of technology on business; Management of technology changes; Managing Innovation; technological leadership and followership; sources of technological dynamics; Technological policy, transfer of technology, problems in technology transfer; time lags in technology introduction, Applications of Big Data, Cloud Computing, Business analytics and Artificial Intelligence

Module IV: Legal Environment

Indian Industrial Environment: Growth of major industries in India; Industrial Policy, Industrial licensing, Micro-Small and Medium Enterprises in India, Financial Markets, Regulatory framework for business in India, Legislative measures and its impact on business

Module V: Socio-Cultural Environment

Cultural environment: Nature and impact of culture on business, Demographic environment population size, migration and ethnic aspects, birth rate, death rate and age structure; Social Environment: Social responsibilities of business, Business ethics

References

1. Cherunilam, Francis; Business Environment, Himalaya Publishing House, 2018
2. Aswathappa, K; Essentials of Business Environment, Himalaya Publishing House, 2011
3. Suresh Bedi: Business Environment, Excel, 2007
4. Dutt and Sundaram , Indian Economy, S. Chand, New Delhi, 2007

5. Rangarajan, C.; Perspective in Economics, UBS Publishers', 2000
6. Justin Paul: Business Environment Text and Cases, Analysis (3rd ed.), McGraw Hill, 2010.
7. Morrison J, International Business Environment, Macmillan, 2008
8. Mishra and Puri, Indian Economy, Himalaya Publishing House, New Delhi, 2019

4. Financial Accounting

Semester 2	Course 4	(25-272-0204)

Course Objectives

The objective of this paper is to help students to acquire conceptual knowledge of the financial accounting and to impart skills for recording various kinds of business transactions. To equip the students with the skill of preparing accounts and financial statements of various types of business.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Demonstrate commonly used financial statements, their components and how information from business transactions flows into these statements	Apply
CO2	Assess financial statements of firms, banks, insurance companies, building societies management consultancies and public sector companies.	Evaluate
CO3	Prepare financial Satatements and financial schedules in accordance with Generally Accepted Accounting Principles through analysis and synthesis of information as well	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	3
CO2	1	1	1	1
CO3	3	3	3	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I : Introduction

Meaning and Definition of Accounting, Need for accounting, Branches of Accounting, Objectives of Accounting, Accounting an Information System, Systems of Book Keeping Vs Accounting, Systems of Accounting, Functions of Accounting, Accounting Principles, Business transactions, Accounting Equation, Classification of accounts, Rules of the double entry system, Accounting Cycle.

Module II : Journal

Recording of Business transactions in Journal, Meaning of Journal, Recording of transactions in Journal, Compound Journal entry, Recording of transactions in subsidiary books.

Module III: Ledger

Posting entries in Ledger and Balancing of Accounts

Module IV: Trial Balance and Depreciation

Preparation of Trial Balance, Rectification of errors, Preparation of Bank Reconciliation Statement, Concept of Depreciation, Methods for providing Depreciation.

Module V: Final Accounts

Preparation of Final Accounts, Manufacturing Accounts, Trading Account, Profit and Loss Account, Balance sheet

References

1. Accountancy-I: Haneef and Mukherjee, Tata McGraw Hill Co.,2013
2. Principles and Practice of Accounting: R.L. Gupta & V.K. Gupta,Sultan Chand & Sons, 2019
3. Accountancy–I: S.P. Jain & K.L Narang, Kalyani, 2016
4. Advanced Accountancy-I: S.N.Maheshwari&V.L.Maheswari, Vikas., 2018
5. Accountancy–I: Tulasian, Tata McGraw Hill Co, 2013
6. Advanced Accountancy: M Shrinivas& K Sreelatha Reddy, Himalaya Publishers, 2018
7. Financial Accounting: M.N Arora, Tax Mann Publications, 2018
8. Fundamentals of Financial Accounting: Deepak Sehgil, Tax Mann Publication, 2006
9. Financial Accounting: Jawahar Lal, Himalaya Publishing House, 2015
10. Introduction to Accountancy, T S Grewal, S Chand & Company Ltd., New Delhi, 2016

5. Constitutional Law - I

Semester 2	Course5	(25-272-0205)

Course Objectives

The objective of the course is to help students develop a comprehensive understanding of the salient features of the Indian Constitution, including its Preamble, state territory, citizenship, and parliamentary powers. The students will be able to understand the principles of

federalism in India and the relationship between the Union and State governments. It will help students to understand the cabinet form of government at the Centre and in States, including the appointment, powers, functions, and removal procedures of key executive officials such as the President, Vice President, and Governors.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Develop a deep understanding of the Indian Constitution, its provisions, principles, and institutional framework related to legislative, executive, and judicial branches.	Understand
CO2	Enhance analytical and critical thinking skills by evaluating complex issues related to federalism, Centre-State relations, constitutional amendments, and judicial independence.	Analyse
CO3	Develop research skills necessary for exploring and understanding constitutional provisions, legislative enactments, judicial precedents, and administrative practices in India.	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	2	2
CO2	3	3	2	2
CO3	3	3	2	2

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Contents

Module I : Introduction to Indian Constitution

Salient features of the Indian Constitution - State territory - Preamble-Parliamentary power to cede Indian Territory -Citizenship-Parliament's power to lay down criteria – dual citizenship.

Module II : Centre- State Relationship

Federalism-Centre-State relation- Legislative relations - Administrative relations and Financial Relations between the Union and States- Conflicts- Principles of Interpretation.

Module III: The Executive in India

Cabinet form of Government - Centre and State Governments - appointment –powers and functions-removal of President, Vice president, Governors – Emergency powers –Elections and Election Commission- All India Services- Public Service Commission- Comptroller & Auditor General – Attorney General of India- Doctrine of Pleasure- Constitutional Safeguards of Civil servants.

Module IV: The Parliament and Judiciary in India

Composition and terms of Houses of Parliament and State Legislatures- Offices of Parliament - powers and privileges of legislatures – Removal of members - -Amendment of the Constitution - basic structure of the Constitution-Union and State Judiciary-jurisdiction, appointment and removal - Independence of judiciary.

Module V : Interstate Trade and Commerce

The right to free trade and commerce - Commerce clause and Federalism

References

1. D.D. Basu, Shorter Constitution of India. (Vol1& 2), 2018
2. V.N. Shukla, Constitution of India, Eastern Book Company, 2017
3. V.D. Sebastian, Indian Federalism: the Legislative Conflicts (1985).
4. M.P. Jain, Indian Constitutional Law, (Vol 1&2), Lexis Nexis, 2018
5. H. M. Seervai, Constitutional Law of India, Universal Law Publishing Co.,2013
6. Glanville Austin, Indian Constitution-Cornerstone of the Nations, Oxford University Press, 1999
7. P.M. Bakshi, The Constitution of India, Lexis Nexis.,2019

6. Special Contracts (Law of Contract – II)

Semester 2	Course 6	(25-272-0206)

Course Objectives

The course intends to develop a comprehensive understanding of indemnity, guarantee, and the rights and liabilities of indemnifiers, indemnified parties, guarantors, and sureties. It will help students to understand the types of agency relationships and the creation, rights, duties, and liabilities of agents and principals. It will help in understanding law of partnership and sale of goods.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Develop a deep understanding of the substantive aspects of contract law, agency, partnership, sale of goods, and negotiable instruments.	Understand

CO2	Enhance analytical and critical thinking skills by evaluating complex legal issues related to contracts, agency, partnership, sale of goods, and negotiable instruments.	Analyse
CO3	Develop research skills necessary for exploring the legal principles, regulations, and case laws governing contracts and related areas.	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	2	2
CO2	3	3	2	2
CO3	3	3	2	2

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Contents**Module I: Contract of Indemnity and Guarantee**

Indemnity and Agency- Definition -Types- Rights and liabilities of the Indemnifier, Indemnified – Guarantor- Surety - Continuing guarantee –Nature and duration of liability –Discharge

Module II : Contract of Agency and Bailment

Agency – Kinds of agency – Types of agents- creation of agency – rights, duties and liabilities of agents – liability of principal for act of agents - Termination of agency – Contract of Bailment and Pledge- Definition- rights and liabilities of Bailor and Bailee- rights and liabilities of Pawner and Pawnee.

Module III : Partnership Contracts

Partnership - nature and creation – Types of partnership- Relationship of partners - authority of partners - Rights and liabilities of partners- Admission of new members – Partnership property - Registration & dissolution of partnership.

Module IV: Contract for Sale of Goods

Sale of goods – goods-Types- Concept of sale – Subject matter of sale – Conditions and warranties – Passing of property and risk – Delivery of goods- rights of unpaid seller – Remedies for breach.

Module-V: Negotiable Instruments

Negotiable instruments - essential requirements – Promissory notes, Bill of Exchange and Cheques - Holder in due cours

References:

1. Dr. Akhileshwar Pathak, Law Relating to Special Contracts, Lexis Nexis ,2013

2. Dr.S.R. Myneni, Contract-II (Special Contracts), Asia Law House , 2018
 3. Mulla, The Sale of Goods Act and The Indian Partnership Act, 2012
 4. Pollock and Mulla, The Indian Partnership Act, 2019
 5. Friedman, Law of Agency, Butterworths, 1996
 6. Geoirey Morse, Partnership and LLP Law , Oxford University Press, 2015
 7. Benjamin's, Sale of Goods, 2019
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III rd Semester BBA LLB (Hons.)

1.	Advertising and Publicity Management
2.	Cost Accounting
3.	Modern Banking
4.	Constitutional Law–II
5.	Jurisprudence (Legal Method, Indian Legal System and Basic Theory of Law)
6.	Law of Crimes-I

1. Advertising and Publicity Management

Semester 3	Course 1	(25-272-0301)

Course Objectives

The course aims to understand the basic and emerging components of advertising and publicity management. It also aims at the study the importance of interaction and communication skills in advertising and publicity management in the context of promoting products and services. It is designed to understand the advertising process and key areas for effective marketing communication.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the marketing communication techniques	Understand
CO2	Understand the role of advertising agencies	Understand
CO3	Examine social, ethical and legal aspects governing advertising and sales promotions	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	1	3
CO2	3	2	1	3
CO3	3	3	3	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Content

Module I- Introduction to Advertising

Concept, Nature, Definitions, Evolution and History - Role, Objectives, Functions, and Significance of Advertising - Basic Theories and Applications - Types and Classification of Advertising, Factors Determining Advertising Opportunity of a Product - Types of Appeals and Advertising Messages- ASCI

Module II- Advertising Agencies

Evolution of Ad Agencies- Agency Structure - Functions, Types, Structure, Departments, Remuneration, Pitching, Client-Agency Relationship Advertising budget- Advertising Strategy- Advertising leadership -Advertising Organization-Ethics in Advertising- Methods of advertising.

Module III- Basic Element of Advertising

Advertising layout-size of advertising-Shape of advertisement-repeat advertising-Proof reading and Correction-typography and attracting attention-use of symbols, brevity-repetition-catch phrases and slogans-headlines advertising campaigns timing of advertising-advertisement budget- evaluation of advertising programme –measuring-advertising effectiveness.

Module IV- Digital Advertising

Evolution and Current Status, Digital Media Landscape, Emailers and Search Engine Optimization, Mobile Marketing and Augmented Reality, Digital Advertising Agencies, Digital Media Integration, Hybrid Advertising, Internet Advertising, Social Media Advertising, Digital Laws –IT Act/ TRAI

Module V- Sales Promotion

Methods-Promotional strategy, Marketing Communication and Persuasion-Promotional instruments- Methods- Buying Motive-Customer psychology- Selling and salesmanship –Direct marketing, After Sales Service- packing-door delivery-guarantee. Free Service- Seasonalvariation in sales

Reference

1. Aaker, D.A., Batra, R., and Myers, J.G. Advertising Management. New Delhi: Pearson Education, 1995
2. BergdBg and Helen E. Katz, Advertising Principles Choice Challenge Change Ntc BusinessBook, 1998
3. Belch, G.E, Belch, M.A and Purani K, Advertising and Promotion: An Integrated MarketingCommunication Perspective, Tata McGraw Hill.
4. Chris Hackley and Rungpaka Amy Hackley, Advertising and Promotion, SAGE

Publication, 2014

5. Kenneth E. Clow, Donald E. Baack, Integrated Advertising, Promotion and Marketing Communications, Pearson, 2014
6. Kruti Shah, Advertising and Integrated Marketing Communications, McGraw Hill Education, 2017
7. Elliott Richard: Strategic Advertising Management, Ntc Business Book, 2016
8. Ghosal, Subhash, Making of Advertising, Mcmillan, 2002
9. Jethwaney Jaishri, Advertising Management, Oxford University Press,
10. Manukonda R, Advertising Promotions And News Media, DPS Publishing House India, 2012
11. Wells, W., Moriarty, S., and Burnett J. Advertising: Principles and Practice, Pearson, 2005
12. Jerome M. Juska, Integrated Marketing Communication: Advertising and Promotion in a Digital World, Routledge, 2017

2. Cost Accounting

Semester 3	Course 2	(25-272-0302)

Course Objectives

The objective of this course is to acquaint the students with the basic concepts used in cost accounting, various methods involved in cost ascertainment and knowledge about use of costing for decision-making and control.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand various cost concepts	Understand
CO2	Develop the skill required for the application of the methods of Cost accounting in managerial decisions	Apply
CO3	Determine and appreciate cost behaviour.	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	2	3	3	3
CO2	2	1	1	1
CO3	3	3	3	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Introduction to Cost Accounting

Meaning, Objectives, Functions, Importance, and Scope of Cost Accounting; Limitations of Financial Accounting; Financial Accounting Vs. Cost Accounting; Cost concepts; Classification of Cost and Elements of cost; Preparation of Cost Sheet; Limitations of Cost Accounting.

Module II: Accounting and Control of Material Cost

Material Purchase Procedure- Inventory control- Material Stock Level-EOQ- ABC- VED and FSN Analysis-JIT- Stock turnover- Material Issue control- Stores records- Bin card and Stores ledger- Documents authorizing movement of materials-Inventory systems: Perpetual and Periodic Inventory System-Continuous Stock Taking - Material Losses-Wastage-Scrap- Spoilage-Defectives- Pricing of issue of materials- FIFO- LIFO

Module III: Accounting and Control of Labour Cost

Time Keeping and Time Booking-Methods - Systems of Wage Payment-Time Rate System- Piece Rate System- Differential Piece Rate – Taylor's differential piece rate system- Merrick's differential piece rate system- Gantt Task and Bonus plan- Incentive Plans- Halsey Plan - Rowan Plan-Idle Time- Overtime and their Accounting Treatment- Labour Turnover- Causes and effects

Module IV: Accounting for Overhead

Classification of Overhead- Segregation of semi variable overhead- Production overhead- Allocation and apportionment- Primary and Secondary Distribution Summary- Absorption of Overhead- Methods of absorption of overheads- Overhead absorption rates- Over-absorption and Under-absorption- Reasons- Disposal- Introduction to Activity Based Costing (Problems of ABC excluded)

Module V: Methods of Costing

Methods of Costing: Job costing: Nature and use of Job costing; Batch Costing: Nature and use of Batch costing; Contract Costing: Nature, use and preparation of contract accounts; Process costing: Nature, use, preparation of process accounts with abnormal losses and abnormal gains.

References

1. Jain, S.P., & Narang, K.L., Advanced Cost Accounting, Kalyani Publishers, New Delhi, 2017
2. Iyengar, S. P., Cost Accounting, Sultan Chand & Sons, New Delhi. 26, 2005
3. Maheswari, S.N., Advanced Cost Accounting, Sultan Chand & Sons, New Delhi, 2010
4. Arora, M. N., Cost Accounting, Vikas Publishing House Pvt. Ltd, New Delhi, 2013
5. J Madegowda, Advanced Cost accounting, Himalaya Publishing House, Mumbai, 2014
6. Shukla, M.C., and Grewal, T.S., Cost Accounting, Sultan Chand & Sons, New Delhi, 2007

7. Lall Nigam B M and Jain I C, Cost Accounting Principles and Practice, Prentice Hall of India, 2006

3. Modern Banking

Semester 3	Course 3	(25-272-0303)

Course Objectives

The course aims to provide basic knowledge of working of Indian Banking system. It includes presenting and discussing banking issues related to the operations, characteristics, and role in the financial system. Particular attention is given to digital instruments and retail banking. Emphasis is further placed on the globalization of the banking system and the interdependence between banks and financial markets.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the structure and functions of banks in India	Understand
CO2	Understand different kinds of banking transactions banking transactions	Understand
CO3	Analyse nature of banker –customer relationship	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	2
CO2	2	2	3	3
CO3	3	3	2	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Overview of Indian Financial System

Indian Financial System: Meaning, Features and Significance; Structure of Indian Financial System: Financial markets, financial institutions, financial instruments and financial services. Financial Institutions: Banking institutions and Non-Banking institutions, Concept of banking, Creation of credit

Module II: Indian Banking System

Indian Banking System: Role of banks in business; Reserve Bank of India – Role and

Functions of RBI – Ombudsman- Structure of commercial banking in India: Public sector and private sector banks, Scheduled banks, Foreign banks and New generation banks, Payment Banks; Functions of commercial banks: Primary and Secondary functions, Regional Rural Banks

Module III: E-Banking

E-Banking: Concept; Tele Banking; Mobile Banking; Internet Banking, Digital payments, Any Time Money; Credit Cards; Debit Cards; Smart Cards; Centralised Online Real Time Electronic Banking; Electronic Clearing Service (ECS); Electronic Fund Transfer (EFT); Real Time Gross Settlement (RTGS); National Electronic Fund Transfer (NEFT); National Electronic Clearing Service (NECS); Indian Financial Network (INFINET), IMPS, Payment Gateway, Unstructured Supplementary Service Data (USSD), Aadhaar Enabled Payment System (AEPS), Mobile Wallets, Crypto Currency

Module IV: Retail Banking

Retail banking: Concept; Products and services; -Its business and composition- Housing Loans, Vehicle Loans, Personal Loans, Education Loans, Farm Loans, Computation of interest- Fixed and Floating rates; EMI; Value added service, Financial Supermarket.

Module V: Banker and Customer

Social Banking: Lead Bank Scheme, Priority Sector Lending, Service Area Approach, Micro- credit, Financial Inclusion; Capital adequacy norms; NPA and its management; Maintaining Customer Relationship; Know Your Customer (KYC), General relationship – Debtor & Creditor, Agent & Principal, Trustee & Beneficiary, Special Relationship – Obligations - Rights of a Banker

References

1. Gordon and Natarajan – Banking Theory Law and Practice, Sultan Chand & Sons, New Delhi.
2. Microeconomics of Banking by Xavier Freixas and Jean-Charles Rochet, MIT Press, 2008.
3. Khan, M. Y., Indian Financial System-Theory and Practice, Tata McGraw Hill Publishing Company Ltd. , New Delhi, 2018
4. S.K. Maheshwari and Maheswari S.N, Banking Theory Law and Practice, Kalyani Publishers, New Delhi, 2014
5. Indian Institute of Banking, Know Your Banking - I -Basics of Banking, Taxmann
6. Sekhar K.C and Lekshmy Shekhar .Banking Theory and Practice, Vikas Publishing House, New Delhi, 2013
7. Sundaram K.P.M and Varshney P.N. Banking Theory Law and Practice, Sultan Chand & Sons, New Delhi. 2015
8. Mishra Sukvinder, Banking Law and Practice, Sultan Chand & Sons, New Delhi, 2011
9. D Muraleedharan – Modern Banking, Theory and Practice, Prentice-Hall Of India Pvt.Limited, 2009

4. Constitutional Law–II

Semester 3	Course 4	(25-272-0304)

Course Objectives

Constitutional Law governs the relationship between the individual and state power. This course intends to give an understanding of the conceptions of “State” and “law” as envisaged under the Indian Constitution and the extent to which Fundamental Rights are recognized and protected in India. It provides an insight as to how fundamental precepts of the Constitution gets recognized through Fundamental Rights, Directive principles and Fundamental Duties. The course also gives deeper understandings on how judiciary has played a decisive role in assuring the cherished ideals of the Constitution.

Course Outcomes (COs)		Bloom’s Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand how the fundamental rights came to be recognized and protected in India and the different shades of its Constitutional Interpretation by the Courts	Understand
CO2	Analyse the constructive role of the Constitution as a bearer of the fundamental rights and their role as a part of justice delivery system	Analyse
CO3	Articulate and apply appropriate techniques to be employed in Constitutional interpretations	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	1	3	3	2
CO2	2	2	3	3
CO3	1	2	3	1

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I : State and Fundamental Rights**

Concept of limitation of State power - origin of Fundamental Rights and their incorporation in the Constitution- Definition of State - violation of Fundamental Rights by the State - non state agencies and fundamental rights - Judicial Review -Pre Constitutional Laws- Doctrine - Doctrines of ultra vires- Amendments to the Fundamental Rights- Basic Structure Doctrine

Module II: Equality and Personal Freedoms

Right to equality - reasonable classification - Arbitrariness and equality- - Protective

discrimination -Right to freedom - restriction on freedoms.

Module III: Basic Rights under the Constitution

Right to life and personal liberty – Judicial Expansion of Right to Education-Right against exploitation- Right to Fair trial- Secularism-Religious, cultural and educational right- Minority Rights

Module IV: Directive Principles of State Policy

Directive principles- the interrelationship between fundamental rights and directive principles of state policy-fundamental duties.

Module V : Constitutional Remedies

Right to Constitutional Remedies – protection against violation of fundamental rights.

References

1. D. Basu, Shorter Constitution of India. (Vol1& 2), Lexis Nexis, 2018
2. V.N. Shukla, Constitution of India, Eastern Book Company, 2017
3. V.D. Sebastian, Indian Federalism: the Legislative Conflicts, 1985
4. M.P. Jain, Indian Constitutional Law, (Vol 1&2) Lexis Nexis, 2018
5. H. M. Seervai, Constitutional Law of India, Universal Law Publishing Co., 2013.
6. Glanville Austin, Indian Constitution-Cornerstone of the Nations, Oxford University Press, 1999
7. P.M. Bakshi, The Constitution of India, Universal Law Publishing Co., 2014
8. M P Jain , Indian Constitutional Law, Lexis Nexis, 2018

5. Jurisprudence (Legal Method, Indian Legal System and Basic Theory of Law)

Semester 3	Course 5	(25-272-0305)

Course Objectives

The course intends to provide a detailed idea about the composition and relevance of legal systems and to give the students a clear knowledge about various legal concepts. It intends to demonstrate an idea about the purpose of law in society through various legal theories. The course examines various sources of law in society and to experiment its relevance. The course provides insight as to how to make use of law as an interdisciplinary branch of study.

Course Outcomes (COs)	Bloom's Taxonomy Level
After completion of the course, the student will be able to:	

CO1	Understand the basic idea of law and its role in society and to interpret law in different contexts	Understand
CO2	Articulate and apply law for solving legal disputes and interpret judicial pronouncements.	Apply
CO3	Appreciate basic legal concepts	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	2	3	3	1
CO2	2	3	3	2
CO3	3	3	3	1

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Concept and Theories on law**

Law and its definition- jurisprudence- its meaning and scope- legal theories- Natural Law (Ancient, Medieval and period of Social Contractarians- Revival of Natural Law- Positive Law (Austin & HLA Hart), Hart-Fuller Debate (Law and Morality)- Utilitarianism, Kant's Idealism- Pure Theory of Law, Historical and Sociological School- Emphasis to Maine, Savigny, Roscoe Pound- Dworkin's theory- Hohfeldian Analysis- Environmental and Feminist Jurisprudence- Hegel and Marxian idea of law- Legal Realism

Module II: Concept and Theories on Justice

Idea of Justice- Rawls theory- constitutional justice- balance between fundamental rights and directive principles of state policy- distributive justice- social, economic and political justice- brief introduction to idea of justice by Amartya Sen.

Module III: Legal Concepts

Legal Concepts- Right- duty, ownership and possession – different kinds of ownership and possession. Persons – natural, legal and corporate- status of unborn person, dead person and idols- concept of property- concept of State.

Module IV: Sources of law

Legal materials - primary - international legal materials, Constitution, legislation, delegated legislation, rules and regulations, customs, conventions and precedents - structure and content of legislation and delegated legislation. Secondary sources of legal materials - text book, digest, encyclopaedia, commentaries, law journal, law commission reports, constituent assembly debates, legislative assembly debates- Sources of law –Custom-

Legislation and its classifications.

Module V: Precedents

Precedents to be given emphasis- *ratio decidendi* and *obiter dicta*, Doctrine of prospective overruling - reversing and distinguishing of cases, *per incuriam*, *sub silentio*, majority and minority opinions, dissenting judgment- Hierarchy of Courts in India.

References

1. Arthur T. Vanderbilt, Studying Law, New York University Press.
2. Glanville Williams, Learning the Law, Universal Law Publishing Co.
3. P. J. Fitzgerald, Salmond on Jurisprudence, Universal Law Publishing Co.,(2016).
4. R. W. M. Dias, Jurisprudence, Lexis Nexis, 2013
5. M. D. A. Freeman, Lloyd's Introduction to Jurisprudence, Sweet & Maxwell, 2014.
6. J. W. Harris, Legal Philosophies, Oxford University Press, 1980
7. V. D. Mahajan, Jurisprudence & Legal Theory, Eastern Book Company, 2016.
8. Suri Ratnapala, Jurisprudence, Cambridge University Press, 2016
9. Richard A. Posner, The Problems of Jurisprudence, Harvard University Press 1993.
10. N. V. Paranjape, Studies in Jurisprudence and Legal Theory, Central Law Agency, 2019
11. Lakshminath, Precedent in the Indian Legal System, Eastern Book Co, 1990.

6. Law of Crimes – I

Semester 3	Course 6	(25-272-0306)

Course Objectives

This course intends to provide knowledge and critical understanding of established principles of criminal liability. It aims to familiarise the key concepts of crime and criminal Law. It deals with the range of mental states that constitute *mens rea* essential for committing crime. It specifically illustrates with examples the various stages in the commission of an offence and the liability thereof. It throws light on various degrees of criminal liability. It explains and demonstrates the defenses to criminal liability and its exceptions with the help of case laws. It helps in keeping students abreast of the latest legislative and judicial interpretations

Course Outcomes (COs)	Bloom's Taxonomy Level
After completion of the course, the student will be able to:	

CO1	Understand the general principles of criminal law and its distinction from civil liability.	Understand
CO2	Analyse the ingredients of various offences.	Analyse
CO3	Appreciate the defences applicable to criminal law	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	2	3	3	1
CO2	2	2	3	1
CO3	3	3	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Nature and definition of Crime – Ingredients of crime**

Concept of crime - crime and morality - distinction between crime and tort - classification of offences -crime and social contract- Constitutional Values and Crime - Scope and application of penal code-Privileges and Immunities- Elements of crime – act –omission-causation-principles of criminal responsibility- *actus reus* – *mensrea*– intention– knowledge - negligence – recklessness - application in penal code & Statutory law- exclusion of mensrea in socio-economic offences

Module II : Criminal Liability and Defences

Joint responsibility and vicarious liability - corporate liability-Indian law – Territorial and Extra territorial application of penal code-Theories of crime and Punishment - capital punishment-General exceptions- mistake, judicial acts- accident- insanity-intoxication- Necessity- Superior orders-consent-Private defense against body and property.

Module III: Liability and Stages in the Commission of Offences

Stages of crime-Formation of intent–preparation – attempt-attempt to commit impossible crime- Inchoate offences -abetment - criminal conspiracy.

Module IV: Offences against State and Public Order

Offences against state and public tranquility - waging war against state – sedition - unlawful assembly –rioting – affray - Hate speech.

Module V: Offences against Public Justice

Giving and fabricating false evidence-causing disappearance of evidence – Harboursing of offenders- abuse of process of court-false charge of offense- Impersonation-Contempt of court.

Reference

1. Kenny, Outlines of Criminal Law, 2016.
2. K.D. Gaur, Criminal Law: Cases and Materials, 2020
3. Glanville Williams, Text Book of Criminal Law, 2015.
4. Smith and Hogan, Criminal Law, 2018
5. K.N.C. Pillai, Cases and Materials on Criminal Law, Eastern Book Co.
6. Ratanlal & Dhirajlal, The Indian Penal Code, Lexis Nexis.
7. Dr KN Chandrasekhara Pillai, General Principles of Criminal Law, Eastern Book Co., 2020.
8. R.C. Nigam, Law of Crimes in India Vol. I & II., 1965
9. Bharatiya Nyaya Samhita.
10. Taxmann, New Criminal Laws, 2024.

IVth Semester BBA LLB (Hons.)

1.	Financial Management
2.	Human Resource Management
3.	Marketing Management
4.	Administrative Law
5.	Family Law–I
6.	Law of Crimes-II

1. Financial Management

Semester 4	Course 1	(25-272-0401)

Course Objectives

The objectives of this course are to build a thorough understanding of the central ideas and theories of modern finance and to relate theory to practice so that students learn the practical applications of Financial Management concepts.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand objectives of Financial management	Understand
CO2	Manage financial affairs of a company , forecast and ensure competitiveness of acompany	Apply
CO3	Analyze the financial environment in the local and international markets	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	2	3
CO2	3	2	2	3
CO3	3	3	3	3
1-Low Correlation 2-Medium Correlation 3-High Correlation				

Course Contents

Module I: Financial Management - An overview

Financial Management - An overview: Concept of Business Finance, Meaning of Financial Management, Financial Decisions, Goals of Financial Management, Objectives of Financial Management, Risk-return tradeoff, Organization of the Finance Function.

Module II: Sources of Finance

Sources of Finance: Sources of Long-term Finance – Equity capital, Preference capital, Debentures, Term Loans, Internal Financing, Cost of Capital – Computation of cost of debt, cost of preference capital, Cost of equity capital, Cost of retained earnings, Weighted Average cost of capital. Capital structure – Meaning, Patterns of capital structure, Computation of Earnings per share, Factors affecting capital structure, Optimal capital structure.

Module III : Capital Budgeting

Capital budgeting: Meaning, Capital budgeting process, Project classification, Investment Criteria–payback period method, Net Present Value Method, internal rate of return method, AccountingRate of Return method.

Module IV: Working Capital Management

Working capital management: Concept of working capital, Need for working capital, Types of working capital, Sources of working capital, Management of Cash Motives for holding cash, Objectives of cash management – Management of inventories–Kinds of inventories, Risks and costs associated with inventories, Management of accounts receivables – Purpose of receivables, Costs of maintaining receivables, Factors of affecting the size of receivables, Optimum size of receivables.

Module V: Dividend Decisions

Dividend Decisions - Dividend Policy - Conservative Vs Liberal policy -Pay-out ratio, Retention ratio - Dividend theories - Irrelevance theory-Modigliani-Miller Hypothesis; Relevance theories- Walter's Model, Gordon's Model-Determinants of dividend policy- Bonus shares, Stock split

References

1. Pandey, I. M., Financial Management, Vikas Publishing House Pvt. Ltd,2016
2. Khan, M.Y. & Jain, P.K., Financial Management, McGraw Hill (India) Private limited,2018
3. Rustagi, R. P., Financial Management, Theory, concepts and Problems,Galgotia PublishingCompany,2018
4. Prasanna Chandra, Financial Management, Tata McGraw Hill publishing companylimited,2018
5. OP Agarwal, Financial Management, Himalaya Publishing House, Mumbai , 2015
6. Raman B S, Financial Management- Moduleed Publishers ,2016

7. Srivastava, T. M., Financial Management, Principles and Problems, Pragatiprakashan,,2014
8. S.N. Maheshwari, Financial Management - Principles and Practice, Sultan Chand & Sons, New Delhi.
9. S. C. Kuchhal, Financial Management, Chaitanya Publishing House, Allahabad

2. Human Resource Management

Semester 4	Course 2	(25-272-0402)

Course Objectives

The course aims to familiarize students with the basic principles and techniques of human resource management. It also aims to familiarize HR policies of leading organizations. Another objective of this course is to understand aspirations of individuals, and changing business contexts. The design of this course is to enable the students to integrate the understanding of various HR concepts in order to take correct business decisions

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the principles of human resource management and its relevance in organizations	Understand
CO2	Interpret the systems and strategies in managing people professionally	Apply
CO3	Analyze the strategic issues and strategies required to select and develop manpower resources	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	2	3
CO2	3	2	1	3
CO3	3	3	3	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Introduction to Human Resources

Personal Management and Human Resources Management: Concept, scope, role, evolution and functions: Challenges of HRM - Organization of Human Resources

Department and its function.

Module II: Human Resource Development

Manpower planning; Job analysis; Recruitment and selection; Selection test and procedures; Induction and training; Employee Training and Development; Performance appraisal system; Promotion and Transfer Policies -Career Planning and counselling;

Module III: Compensation Management

Factors affecting compensation; Wage policy & Wage boards; Job evaluation and work measurement; Grade Fixation and ranking; relating wages with price index: Perquisites; Incentive plans; Bonus and profit sharing.

Module IV: Managing Personnel Problems

Absenteeism and employee turnover; Enforcement of discipline; Domestic enquiries and disciplinary action; Health and Safety; Voluntary retirement scheme, Employee Engagement, Work Life Balance, whistle blowing.

Module V: Establishment and Records

Maintenance of service files: Drafting charge sheets, suspension orders for punishment; Enquiry report; Model standing orders and code of conduct; Drafting Advertisements for appointment and appointment letters; Bond of service; wage and salary records; ESI, Provident Fund, Gratuity, Pension and Bonus.

References

1. George W Bohlander and Scott A Snell, Principles of Human Resource Management, Thomson Publications, 2016
2. Gary Dessler, Human Resource Management, Pearsons Education, 2017
3. Seema Sanghi, Human Resource Management, Laxmi Publications, 2011
4. Subba Rao P., Essentials of Human Resource Management and Industrial Relations, Himalaya Publishing, 2013
5. Louis R. Gomtz Mejia et. al., Managing Human Resources, Pearson Education, 2015
6. Aswathappa, K., Human resources and Personnel Management, Tata McGraw Hill Pub.Co., Ltd, 2017
7. Mamoria C.B. and Ghanakar, S.V., Personnel Management, Himalaya Publication House
8. Venkatratnam C.S. and Srivastava, V.K., Personnel Management and HRM, Tata McGraw Hill Co.Ltd, 2004
9. David, A. DeCenzo and Stephen P. Robbins, Fundamentals of Human Resource Management, Pearson, 2017
10. Venkat Ratnam, C.S., & Dhal, M, Industrial Relations, Oxford University Press, 2017
11. Bohlander, G.W.&Snell, S.A. Principles of Human Resource Management, Cengage India, 2016

3. Marketing Management

Semester 4	Course 3	(25-272-0403)

Course Objectives

The objective of this course is to introduce the students to the basic variables and components of marketing concepts and strategies. The course also aims to analyze the role of marketing within the firm and society by discussing contemporary issues involved in the marketing of products and services.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the nature and scope of marketing	Understand
CO2	Analyze marketing mix and marketing environment	Analyse
CO3	Appreciate consumer behaviour and its application in marketing	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	1	1	3
CO2	3	1	1	3
CO3	3	2	1	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course contents**Module I: Introduction to Marketing**

Definition and meaning of marketing- marketing management- marketing concepts- Functions of Marketing - marketing environment: various environmental factors affecting the management functions. Buyer behavior-buying motives, explanation of motivation, Buying process, consumer models.

Module II: Process of Marketing

Market segmentation, Target marketing, Product positioning, Marketing: Creating and Capturing Customer Value, Analyzing the Marketing Environment, Marketing Research, Demand Forecasting, New Product Development, Marketing Mix

Module III: Product and Promotion

Product – Goods and Services - Product life cycle- product mix, product line management line-packing. Promotional strategy- advertising, sales promotion, publicity and public relations, personal selling

Module IV: Pricing

Price policies- Setting Price, objective factors influencing price decisions – competitors reaction to price change-multi-product pricing.

Module V: Place and Distribution management

Marketing Channels, type of intermediaries-number of channels, channel integrations, channel management- Retailing and Wholesaling marketing strategy, competitive strategies- Digital marketing, Social media marketing, e-Commerce

References

1. Kotler, P., Keller, K. L., Koshy, A., &Jha, M. Marketing Management: A South AsianPerspective, Pearson Education, New Delhi, 2012
2. Kotler, Philip. Marketing Management, Prentice Hall,2002
3. Ramaswamy, V. S. &Namakumari, S. Marketing Management: Global perspective Indiancontext. McGraw hill, 2017
4. Principles of Marketing, Kotler and Armstrong, Pearson, 2008
5. Stanton, Etzel, Walker, Fundamentals of Marketing, Tata-McGraw Hill, 1991
6. Michael Etzel, Bruce J Walker, et al., Marketing, McGraw Hill, 2017
7. Cundiff & Still , Fundamentals of Modern Marketing, 1976
8. Saxena, Rajan, Marketing Management, Tata-McGraw Hill
9. McCarthy, E.J., Basic Marketing: A managerial approach, Irwin, 1960
10. Etzel, Walker and Stanton, Marketing, 2001

4. Administrative Law

Semester 4	Course 4	(25-272-0404)

Course Objectives

This course provides insight as to the structure, functions, powers and accountability of administrative authorities towards public. It provides knowledge on the basic principles on which administrative actions/decisions are taken and thus equips the students to know whom to approach when administration fails /deviates from its said legal obligations. It provides an account of remedies available to an individual against the administration and the modes of devolution of administrative powers.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand and basic principles on which administrative actions/decisions are taken	Understand
CO2	Appreciate the reasonableness of exercise of administrative action	Aanalyse
CO3	Suggest appropriate administrative remedies when confronted with challenges.	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	1
CO2	2	2	3	2
CO3	1	3	2	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Basic Principles of Administrative Law**

Meaning - content and growth of administrative law in India - Rule of law and Constitution Constitutional Values- Doctrine of separation of powers- Classification of administrative functions- rule making, adjudicating and pure administrative functions.

Module II: Forms of Administrative Functions

Delegated Legislation - concept, procedure, validity- controls-Administrative decision making and principles of natural justice – doctrine of fairness- Wednesbury Reasonableness- legitimate expectation-proportionality- Promissory estoppel- administrative discretion- Judicial review of administrative action

Module III: Administrative Tribunals in India

Statutory tribunals – Constitutionality- enquiries and commission- Ombudsman- Lokpal and Lokayuktha- CVC

Module IV: Administrative Privileges and Right to Information

Privileges and liabilities of the administration -Statutory, Contractual, Tortious- Constitutional Protection to Civil Servants-Concept of governmental privilege - Open Government and right to information – Governmental Secrecy

Module V: Local Self Government in India

Democratic Decentralisation- development- Structure of local self government- growth- Constitutional- Statutory- Parliamentary-Administrative- Judicial-Controls

References

1. H.W.R. Wade & C.F. Forsyth, Administrative Law, OUP, 2014
2. Dr A T Markose, The Judicial Control of Administrative Action In India, 1956
3. Jain and Jain, Principles of Administrative Law, (Vol1&2) Lexis Nexis, 2017
4. I.P. Massey, Administrative Law, Eastern Book Company, 2017
5. T.K. Takwani, Lectures on Administrative Law, Eastern Book Company, 2017
6. S.P. Sathe, Administrative Law , LexisNexis
7. De Smith, Administrative Law, Thomson Reuters

8. Foulkes, Administrative Law, OUP

5. Family Law-I

Semester 4	Course 5	(25-272-0405)

Course Objectives

The course intends to introduce students to family law as a dynamic field of law concerning a basic social institution, the family. To explain the relevance of Family law in other areas of law such as contracts, constitutional law, conflicts of laws, criminal law, property, trusts and estates, and to illustrate as well as how family law draws on the social sciences. The course will focus on marriage, non-marital families, divorce and maintenance, pathways to becoming a parent and the parent-child relationship under different personal laws and statutes.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand rights and duties of members of family towards each other.	Understand
CO2	Apply negotiation, mediation, and other forms of dispute resolution in the practice of family law.	Apply
CO3	Analyse and appreciate the working of organizations and institutions working on issues relating to women and children at domestic and international level.	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	2	3	3	1
CO2	2	2	3	1
CO3	1	3	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I : Marriage and Divorce under Hindu Law**

Sources of Hindu law - Concept of marriage in general - Solemnization of Marriage under Hindu Marriage Act– Validity of marriage – Registration of Marriage - Restitution of Conjugal Rights - judicial separation –Theories of Divorce - Grounds of divorce -Maintenance under Hindu personal law and other statutory laws.

Module II – Marriage and Divorce under Muslim Law

Sources and schools of Muslim law - Solemnization of marriage – Nikah –Classification of Marriage and its Validity – Kinds of dower - Divorce – Extra judicial and Judicial modes of Divorce – Maintenance under Muslim personal law and other statutory laws.

Module III – Marriage and Divorce under Christian Law

Sources of Christian law – Solemnization of marriage - Validity of marriage – Registration of Marriage – Divorce - Grounds of divorce - Maintenance under Christian personal law and other statutory laws.

Module IV – Marriage under Special Marriages Act

Procedure for marriage and matrimonial reliefs under the Special Marriages Act-Registration of marriage – Live-in relationship – - Prohibition of Child Marriage Act -conflict between personal law and statutory laws.

Module V – Legal Provisions of Adoption

Adoption under Juvenile Justice Act –Inter-country Adoptions-CARA guidelines– Adoptions and maintenance Act– Minority and Guardianship Act.

References

1. Mulla, Principles of Hindu Law
2. Paras Diwan, Family Law, 2018
3. Poonam Pradhan Saxena, Family Law Lectures, Family Law-I
4. Mulla, Mohamedan Law
5. Prof. G V C Subbarao, Family Law in India 2018
6. Tahir Mohamed, Muslim Law in India
7. Sebastian Champappilly, Christian Law, 2007
8. E.D. Devadasan, Handbook of Christian Law
9. Ranganath Misra, Mayne's Treatise on Hindu Law & Usage, 2014
10. Satyajeet A. Desai, Mulla Principles of Hindu Law, Vol. I & II, 2011

6. Law of Crimes-II

Semester 4	Course 6	(25-272-0406)

Course Objectives

This course provides insight on various categories of offences viz. those affecting the society, those affecting human body, specific offences against women. It helps in examining the legislative history behind the inclusion of certain Offences and identifying the offences which have become redundant in the Indian Penal Code in the light of judicial interpretations. It also helps in understanding the scope of

amendments to be brought to the Indian Penal Code considering the changing needs of the society.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the ingredients of different offences under penal legislations.	Understand
CO2	Analyse the judicial interpretations to the elements of various offences	Analyse
CO3	Advise clients about the defences that could be taken	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	2	3	3	1
CO2	2	3	2	1
CO3	1	3	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Offences against Public Health, Safety, Decency and Morals

Offences against public order, health and morality- public nuisance –Spreading of infectious diseases -adulteration of food and drugs - negligent and dangerous driving - obstructing public ways – keeping dangerous animals – obscenity- Need for making certain acts as offences- Mob Lynching- honour killing.

Module II : Offences against Human Body

Offences against human body - culpable homicide, murder- hurt- grievous hurt, simple hurt – wrongful restraint –wrongful confinement-assault- kidnapping and abduction- Offences against the unborn child– Rash or negligent acts -Attempt to murder -Attempt and abetment to Suicide -Criminal force and assault —Unnatural offences

Module III : Offences against Women and Offences Relating to Marriage

Outraging the Modesty of Women- Voyeurism- Stalking- Acid Attack - Offences relating to marriage- Rape -bigamy-adultery-cruelty by husband

Module IV : Offences Relating to Property

Offences against property - theft, extortion- robbery and dacoity - criminal misappropriation-

criminal breach of trust –stolen property- cheating – mischief -criminal trespass-
Housebreaking

Module V : Other Offences

Offences relating to religion-Offences relating to documents, trade and property marks-
forgery- counterfeit- criminal breach of contract of service- criminal intimidation, Insult and
annoyance-defamation.

References

1. Bharatiya Nyaya Sanhita , 2023
 2. Kenny, Outlines of Criminal Law
 3. R.C. Nigam, Law of Crimes in India Vol.I& II
 4. K.D.Gaur, Criminal Law: Cases & Materials,2015
 5. Glanville Williams, Text Book of Criminal Law, 2015
 6. Smith and Hogan, Criminal Law, 2018
 7. Ratanlal& Dhirajlal, The Indian Penal Code, Lexis Nexis.
 8. Dr KN Chandrasekharan Pillai, General Principles of Criminal Law , Easter Book
Company, 2020
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Vth Semester BBA LLB (Hons.)

1	Business Ethics
2	Information Technology for Business and Law
3	Consumer Protection Law
4	Family Law–II
5	Law of Criminal Procedure
6	Law of Evidence

1. Business Ethics

Semester 5	Course 1	(25-272-0501)

Course Objectives

This course aims to provide students with solid skills to know and deal with the fundamentals of ethics, practices of good governance to encourage moral imagination and heightening sensitivity towards the ethical dimension of managerial problems

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand ethics and the importance and role of ethical behaviour in the business world	Understand
CO2	Interpret common ethical issues that arise for individuals, managers and organizations	Apply
CO3	Apply contemporary and classical frameworks to analyze and suggest resolutions to ethical dilemmas	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	2	3
CO2	3	3	2	3

CO3	3	3	3	3
1-Low Correlation	2-Medium Correlation	3-High Correlation		

Course Content

Module I: Introduction to Ethics

Philosophy of Ethics, Definition of Ethics, Ethos, Culture, Whistle Blowing – Law vs. Ethics- Ethical dilemmas – Essence of Indian culture – Indian vs. Western culture - Indian work ethos –Indian perspective of values for managers.

Module II: Structure of Business Ethics

The three components of Business: Economic, Legal and Ethical - Definition of Business Ethics – Process of ethical decision-making in business - Importance of Business Ethics. Factors affecting business ethics - Economics, Law, Environment, Technology, Development, High Finance, Human Resource, Consumers, Caste and Gender

Module III: Approaches of Business Ethics

Teleological Approach, Deontological Approach and Utilitarian Approach- Approaches of Socrates, Plato, Aristotle, John Stuart Mill, Immanuel Kant, Jeremy Bentham, Karl Marx – Lawrence Kohlberg’s theory on moral cognitive development — Relativism Vs. Universalism-

Module IV: Ethical Issues in Business

Ethics in Marketing –Ethics in HRM – Ethics in IT – Ethics in Financial Management – Ethics in Production Management – Environmental Ethics – Gender Ethics- Bio-Ethics- Respect for Constitutional Values.

Module V: Structure of Ethics Management

Ethics Committee, Ethics Officers, and the CEO – Communicating ethics: Communication Principles, Channels, Training programs, and evaluation – Ethical Audit – Transparency.

[At least ten cases should be discussed in the class room. One of the internal test papers shall be based solely on the case study]

References

1. A.C.Fernando, Business Ethics: An Indian Perspective, Pearson Education, 2019
2. Andrew Crane and Dark Matter- Business Ethics, Oxford Publications, 2011
3. John R. Boatright, Ethics and the Conduct of Business, Pearson Education, 2017
4. Manuel G. Velasquez, Business Ethics: Concepts and Cases, Pearson Education, 2016

5. S.K. Chakraborty, The Management and Ethics Omnibus, Oxford University Press, 2011
6. Shailendra Kumar and Alok Kumar Rai, Cengage Learning India, 2019
7. O. C. Ferrell, John Fraedrich and Ferrell, Cengage Learning, 2018
8. Linda K.Trevino and Katherine A. Nelson, Managing Business Ethics, John Wiley & Sons, 2010
9. C.S.V. Murthy, Business Ethics, Text & Cases, Himalaya Publications, 2019

2. Information Technology for Business and Law

Semester 5	Course 2	(25-272-0502)

Course Objectives

The objective of the course is help the learner to twig and couple the knowledge with underlying dimensions of IT in business models. The course also aims to teach how a lawyer can take a stand in IT issues without deteriorating ‘justice’ and ‘utilization’ in information technology related cases and for that a thorough understanding about information technology is required. This course eases the students to deal with IT issues also with solid arguments with ground level understanding of IT and business models.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand different IT analytical perspectives and management decision tools used in businesses	Understand
CO2	Appreciate the concept of IT management strategy formulation, implementation, and evaluation	Evaluate
CO3	Examine latest technological advancements and its impact on law and society.	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	2	3
CO2	3	2	1	3
CO3	3	3	3	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Information Technology Management

Understanding Technology, IT and its Relationship with Wealth of Nations and Firms Specific Knowledge; Technology Life Cycles, Technology Acquisition and Absorption; Technology Exports / Joint venture abroad, Technological Intelligence and Forecasting, Global Trends in Technology Management, Big data analysis.

Module II: Information Systems for Management Decision Support

Concepts of Data, Information and knowledge, Concepts of Database Management Systems, Processing of data using computers, Storage and Retrieval of massive data on computers, MIS, Phases in software Systems Life Cycle. Application of Information systems, Use of Information systems in Business and their advantages, Application areas, problems Packages for Accounting and Finance, Decision Support Systems, Knowledge Based System

Module III: Data organization and Data Base Management System

Data organization: Character, field, record, file and database. Types of Data Processing Systems: Traditional file organization Vs. Database File organization. Data Base Management System: Concept, Types of database, hierarchical, network and relational, Basic ideas of Data Warehouse and Data mining, bit coin, block chain technology and crypto currency.

Module IV: Data Communication and Computer Network

Data Communication: Concept of Data communications, Transmission Modes: Simplex, Half Duplex, Full Duplex, Serial, Parallel, Synchronous, Asynchronous, Communication Media: Wireless and satellite communication, Wireless Broadband, WAP, Network components – Bridge, Switch, Router, Gateway, Introduction to Cloud Computing, Definition, Characteristics, Components, Cloud provider. Data Mining

Module V: Security Issues

Security threats - Virus, Trojan, Hacking, Spam- Cyber Security - Firewall, Antivirus software, Digital Signature. Concept of data Encryption & Decryption, Symmetric and asymmetric encryption, Digital envelope, Security Threats in E-Business environment, Technology Solutions – Symmetric key and Public key encryptions, Digital signature, Digital Envelope, Digital Certificates, SSL, SET, S-HTTP, VPN etc.

References

1. Computers, Technology, Applications and Social Implications (with BASIC & PASCAL),
2. J. Daniel Cougar& Fred R.McFadden, Wiley, A First Course in Data Processing.
3. John Moss Jones, Automating Managers: The implications of IT for Managers, Pinter,London
4. Estrada Susan, Connecting to Internet, O. Reiley, 1993.
5. Tudor Dorothy and Tudor Ian, Business Systems Development, NCC Education Services Limited 1997
6. Stuart Harris , Human Communication and Information Systems, NCC Education Services Limited, 1988
7. Bob Penrose and Bill Pollard, The Complete A-Z ICT & Computing Handbook, Hodder &Stoughton Ltd
8. Ray Bradley, Understanding Computer Science for Advanced Level,Stanley Thornes Ltd
9. Williams, Sawyer & Hutchinson, Using Information Technology. A Practical Introduction to Computers and Communications, Irwin/McGraw-Hill Companies, 1999
10. Lucas, Information Technology – Strategic Decision Making for Management
11. Rainer, Introduction to information systems- Supporting & Transforming Business,Wiley
12. Gordon B. Davis & Margrethe, Management Information System, TATA Mcgraw-Hill Publishing Co. Ltd. New Delhi.

3. Consumer Protection Law

Semester 5	Course 3	(25-272-0503)

Course Objectives

The course imparts knowledge about the historical evolution and the legislative framework of Consumer Protection Law in India. The course intends to provide a comprehensive understanding about the scope and application of consumer protection laws in India. It provides an overview of the effectiveness of the Consumer Protection Act, 2019 in safeguarding consumer rights and enhancing consumer welfare. The course also intends to educate the students about the mechanisms for the enforcement of consumer rights in India and covers contemporary judicial and legal developments in this area.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand various consumer rights, the laws dealing with such rights and to act as a responsible consumer in the market	Understand
CO2	Evaluate and determine the adequacy of consumer protection measures in various scenarios	Evaluate
CO3	Evaluate the functions of the various enforcement mechanisms under the consumer laws	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	1	3	3	3
CO2	1	3	2	2
CO3	2	3	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Introduction**

Consumerism - origin and development - consumer movement -consumer organizations in India – protection of consumer under contract, tort and criminal law - consumer protection councils - Concept of consumer- definition - consumers of government service, statutory service and consumers of common property -consumer of service and unfair trade practices – Rights of Consumers- Constitutional values.

Module II: Consumer Protection Laws

Consumer Protection Act, 2019 – Features - Comparison with Consumer Protection Act, 1986 – Consumer– Concept & Meaning – Judicial Expansion – Commercial Purposes - Key Definitions under 2019 Act –Misleading Advertisements – Unfair Trade Practices – Restrictive Trade Practices

Module III: Defects in Goods

Goods - Consumer of Goods – Defects – Product Liability - Standard of Purity, Quality and Potency – Law on Food and Drug safety - FSSAI Act & Other Laws - Weights and Measures – Legal Metrology Act -Supply Supply of Essential Commodities - Standardization of Goods – Various Quality Marks - BIS,AGMARK, FSSAI Mark, ISI Mark, GM Mark, etc.

Module IV: Deficiency in Service

Service - Deficiency in Service – Service Liability – E-Commerce - Professional and Public Utility Service– Government Services, Medical Service, Lawyers Service, Educational Services, Commercial Service, Insurance, Electricity, Gas, etc.

Module V: Enforcement of Consumer Rights

Enforcement of Consumer Rights – Agencies under Consumer Protection Act - Central Consumer Protection Authority – Consumer Protection Councils - Consumer Commissions - Jurisdiction, Functions and Powers- Procedure – Mediation, Enforcement of Orders – Class Actions.

References

1. Dr. Avtar Singh, Consumer Protection Laws, EBC, 2018
2. G. B. Reddy, Law of Consumer Protection, Gogia Law Agency, 2014
3. Mamta Rao, Public Utility Services under the Consumer Protection Act, Deep and Deep Publications, 1998
4. V N Viswanathan, Consumer Rights in Service Sector, D. K. Agencies, New Delhi, 2008
5. Rifat Jan, Consumerism and Legal Protection of Consumers, Deep & Deep Publishers, 2007.
6. M M Nabi, et al, Consumer Rights and Protection in India, New Century Publications, 2015
7. D P Wadhwa& N L Rajah, The Law of Consumer Protection, Lexis Nexis, 2017
8. Dr. H. K. Saharay, Text Book on Consumer Protection Law, Universal Law Publishing Co, 2017
9. P K Dutta, Consumerism and Consumer Protection in India: Law and Practice, Himalaya Publishing Co, 2015.

4. Family Law–II

Semester 5	Course 4	(24-272-0504)

Course Objectives

The objective of the course is to introduce the students to the laws relating to family matters governing succession, partition, gifts and religious endowments applicable to Hindus, Muslims and Christians. The course will focus on property relations in a family and the legal incidence of joint family, testamentary succession and intestate succession under the different personal laws marriage and statutes. The course will enhance their understanding on property rights of females and enable critical thinking regarding the lacunas in the law.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Attain insights about the Laws of Succession and inheritance under the various personal laws.	Understand
CO2	Examine the issues relating to rights of women in family property, inheritance and agricultural holdings	Analyse
CO3	Evaluate the inadequacies in the existing laws and suggest reforms using a gendered lens	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	3
CO2	3	3	3	3
CO3	1	3	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Coparcenary, Survivorship, Partition in Joint Hindu Family**

Concept of joint Hindu family - Coparcenary under Mitakshara and Dayabhaga law – Kinds and Sources of property – Karta – Status, powers and duties – Principle of survivorship and succession – Daughter as a Coparcener - debts and pious obligations – Partition of Joint Hindu Family Property - Legislative and Judicial responses before and after 2005.

Module II : Inheritance under Hindu Law

Application of Hindu Succession Act - General principles of Inheritance - Disqualifications of heirs – Succession to the Property of male intestate - Succession to the Property of female intestate - Hindu Women's estate - Dwelling house and Right of Pre-emption.

Module III : Inheritance under Christian and Muslim Law

General rules of inheritance under Muslim law - Classification of heirs under Sunnis and Shias - Entitlement of heirs – General rules of inheritance under Christian law – diversity in inheritance laws - classification of heirs and their entitlement.

Module IV : Testamentary Succession

Testamentary succession under Hindu, Muslim and Christian Law – Limitation to testamentary powers under various religious and statutory laws – Will and administration of will – Codicil - Probate, letters of administration and succession certificate.

Module V: Gift and Religious Endowments

Alienation of property by gift among Hindus, Muslims and Christians - Hindu religious endowments –Wakf –Types and administration of wakf – Mutawalli and his powers.

References

1. Mulla, Sathyajit Desai, Hindu Law, Lexis Nexis, 2024
2. Tahir Mahmood, Family Law in India, EBC, 2023
3. Mulla, Principles of Mohammedan Law, 2021
4. Munshi Tayyibji, Muslim Law,
5. Poonam Pradhan Saxena, Family Law Lectures, Family Law-II
6. Tahir Mohammed, The Muslim Law of India. (5th Edition)
7. Hidayatullah, M., and Arshad Hidayatullah, Mulla's Principles of Mohamedan Law, Lexis Nexis, 2006
8. Paras Diwan, Law of Marriage and Divorce.
9. Sebastian Champapilly, Christian Law, 2007
10. Paruck. The Indian Succession Act, Lexis Nexis, 1995.
11. E.D. Devadasan, Handbook of Christian Law.
12. Bakshi P. M., Law of Succession, 1997.

5. Law of Criminal Procedure

Semester 5	Course 5	(25-272-0505)

Course Objectives

This course intends to give the students an insight into the philosophy of procedures prescribed in the Criminal Procedure law and to provide a comprehensive understanding of the structure and function of the criminal Justice system, the various procedures involved from the stage of setting the law into motion, investigation, trial, and post-trial procedures. It also aims to create the ability in the students to evaluate the efficacy of the various Procedural rules and its impact on the criminal justice system. The course intends to cover the contemporary judicial and legal trends in this area.

Course Outcomes (COs)	Bloom's Taxonomy Level
After completion of the course, the student will be able to:	

CO1	Identify and illustrate key legal terms, concepts and processes in criminal procedure law	Understand
CO2	Appreciate the procedural steps from investigation to trial and post-trial procedures and to analyze factual scenarios to identify procedural issues and potential defenses	Evaluate
CO3	Evaluate the criminal procedure as a facet of “fair just and reasonable procedure” enshrined under Article 21 of the Constitution of India.	Evaluate
CO4	Undertake a philosophical understanding of the various provisions of the Criminal Procedure law which will enable them to be good lawyers, prosecutors or judges and to suggest legal reforms to improve the fairness and efficiency of the criminal justice system.	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	2
CO2	2	3	3	2
CO3	3	2	3	3
CO4	3	3	3	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Hierarchy of Courts– Classification of Offences- Functionaries under the Code**

Jurisdiction and hierarchy of criminal courts – Offences-cognizable and non-cognizable- Bailable and non-bailable- summons case and warrant cases- Police- Prosecutors- Defence Counsel- Executive Magistrate and Judicial Magistrate- Prison Authorities and Correctional services Personnel

Module II: Police- Powers and Functions- Pre-trial Procedures-Prosecutors

Police - organization of police - hierarchy of police departments - powers and function of police - Initiation of Criminal proceedings- Arrest- Rights of arrested persons- Search and Seizure- Investigation- safeguards- judicial trends- FIR- Bail- Cognizance of Offences- - Prosecution- Role of Prosecutor in Criminal Procedure-Complaint to Magistrate

Module III: Trials- Procedures

Trial - concept of fair trial – Charges- complaints to Magistrate- trial of summons and warrant cases - trial before sessions court- Audio Visual Recording of Trial- trial before High Courts-summary trials- plea bargaining- Discharge and Acquittal

Module IV: Judgment –Appeals- Probation- Juvenile Justice

Judgment- appeal- reference and revision- Execution, suspension, remission and commutation of sentences- bails and bonds- Probation-compensation to victims- Child Offenders- institutions of juvenile care-

Module V: Maintenance- Inherent Powers-Preventive and Precautionary measures

Maintenance to wives, children and parents- inherent power of the High Court-judicial interpretations- Dispersal of unlawful assemblies- Removal of Public nuisance- Security for Keeping peace-maintenance of public order and tranquillity.

References

1. Bhartiya Nagarik Suraksha (Second) Sanhita, 2023
2. R.V. Kelkar, Criminal Procedure, Eastern Book Co., 2023
3. Takwani, Criminal Procedure, Lexis Nexis, 2021
4. Sarkar, Criminal Procedure, Lexis Nexis, 2018
5. Ratanlal, The Code of Criminal Procedure, Lexis Nexus, 2021
6. Peter J., Koppen et.al (eds.), Springer publications, 2003
7. Kerstin Braun, Victim Participation Rights, Springer (e-book)
8. V. Sithannan, Police Investigation Powers, Tactics and Techniques, 2018
9. Mathew Lippman, Criminal Procedure, Sage Publications, 2019
10. Jacqueline E. Ross, Comparative Criminal Procedure, 2018

6. Law of Evidence

Semester 5	Course 6	(25-272-0506)

Course Objectives

The course aims to help students understand the application of rules of relevancy, admissibility and appreciation of evidence in the trial process and civil proceedings. The course intends to provide insights about interpretations given by the courts on tendering of evidence, reliability of evidence and burden of proof in civil and criminal cases. The difference in the perspectives of admissibility of evidence under special legislations will also be discussed.

Course Outcomes(COs)		Bloom's Taxonomy Level
After completion of the course the student will be able to :		
CO1	Understand the relevance and admissibility of evidence	Understand
CO2	Appreciate the fact finding process in a litigation	Analyse
CO3	Develop critical thinking skills necessary in the conduct of litigations and in adducing of evidence	Analyse
CO4	Apply and interpret the laws of evidence and become successful lawyers, prosecutors and judges	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	2	3	2	1
CO2	2	3	2	1
CO3	2	2	3	1
CO4	3	3	3	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Basic Principles of Law of Evidence

History and development of law of evidence- salient features- definition- legal and logical relevancy- Relevancy and Admissibility- Best evidence rule- Fact, fact in issue and relevant fact- Kinds of evidence- Evidence and proof- Concepts- Constitutional protections and adducing of evidence- Special legislations and Evidence Act- Family courts, Forest and Excise cases.

Module II : Relevant Facts as Evidence

Relevancy of facts- *Res gestae* –Common intention- identity and identification- Facts otherwise irrelevant- proof of right or custom- Circumstantial evidence- principles –Motive, preparation, conduct, occasion, cause, opportunity, state of mind, body, bodily feeling- similar facts. Facts delineating accidental occurrences and intentional acts. Exclusion of hearsay evidence and exceptions- Admissions –Principles and applicability- Confessions & Coercion - kinds of confessions, valid confession, principles, exceptions- Confession to Police– Recovery pursuant to authoring concealment - Applicability and evidentiary value- Co accused and approver- Declarations by persons who cannot be called into court as witnesses – Dying declaration – Relevance of judgements as evidence - Expert opinion- Opinion as to rights, custom, usages, tenets, relationships etc. Character evidence- civil and criminal cases- principles, applicability, exceptions and evidentiary value, witnesses- evidence of character of victims of sexual offences pertaining to previous sexual experience regarding issues of consent.

Module III: Vehicles of Evidence

Facts which not be proved-Judicial notice- Extra Judicial Operation - Oral evidence- Rule against Hearsay Evidence-Documentary evidence- Primary and secondary evidence- kinds – rules regarding admissibility- Proof of execution of documents- Attestation- Proof of handwriting to prove execution – Exclusion of oral by documentary evidence- Kinds of documents- Ambiguity in documents- Presumption of documents-cyber laws- Electronic and digital evidence- Admissibility, Reliability and Burden of Proof -Electronic Discovery— appreciation of scientific evidence .

Module IV : Discharging the Onus

Burden of proof- concept- Application at different levels- Standard of proof- General and special exceptions- Reversal of burden of proof in special legislations - Kinds of Presumptions – Presumption of law, fact and conclusive proof -Presumptions and burden of proof- - Presumption as to legitimacy of child and presumption as to matrimonial offences- dowry death – abetment to commit suicide by a married woman - Presumptions as to life and death- Presumptions as to absence of consent in rape – Presumption as to certain Offences - Estoppel- Scope, principle, kinds, applicability- Waiver and presumption.

Module V : Dynamics in Trial Process

Trial- Relevance of evidence taken before trial- competency and compellability of witnesses- Privileged communications- Categories, scope and exceptions- Examination of witnesses and various categories of examinations- Rules pertaining to the conduct of various examinations-Corroboation and contradiction- Principles and mechanics- Hostile witnesses- Witness protection programme- Leading questions- Refreshing memory- Compulsion to answer questions- Improper admission or rejection of evidence- Judge's power to intervene in trial.

References

1. Bharatiya Sakshya Adhiniyam, 2023
2. U L Bhat, Relevancy, Proof and valuation of Evidence in Criminal cases, Lexis Nexis, 2020
3. Narvankar, Electronic Evidence in the Court Room, Lexis Nexis, 2022
4. Woodroffe and Amir Ali's Law of Evidence, Lexis Nexis, 2019
5. Ratanlal and Dhirajlal's Law of Evidence, Lexis Nexis, 2017
6. A Nageshwar Rao, The Indian Evidence Act, Lexis Nexis, 2019
7. Dr. V.Krishnamachari, Law of Evidence, Gogia & Co., 2017
8. 5.Batuklal ,The Law of Evidence, Central Law Agency, 2016
9. Avtar Singh, Principles of The Law of Evidence, 2018
10. K.D. Gaur, Text Book on the Indian Evidence Act, Universal Law Publications, 2016
11. R, Ramachandran, Digest of Indian Evidence Act, Taxmann's, 2017
12. R, Ramachandran, Forensic Evidence, Taxmann's, 2019
13. Surendar Pal Singh, Art of Cross Examination, Kamal Publishers, 2019
14. Justice U.L. Bhat. Lectures on The Indian Evidence Act, 2016
15. C.D. Field's Commentary on Law of Evidence, 2013
16. Dr.Jaisingh P. Modi, A Textbook of Medical jurisprudence and Toxicology, LexisNexis Butterworths, 2016

VIth Semester BBA LLB (Hons.)

1	Research Methodology
2	Strategic Management
3	Civil Procedure Code and Limitation Act
4	Company Law
5	Labour Law–I (Trade Unions and Industrial Disputes)
6	Public International Law

1. Research Methodology

Semester 6	Course 1	(25-272-0601)

Course Objectives

The objective of this course is to provide the basics of methodology of social science research to the students. The course introduces the language of research, elements of the research process and approaches. It also aims to familiarize review of literature, tools for data collection and basics of data analysis, and interpretations of research findings.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the basic framework of the research process	Understand
CO2	Undertake research on various topics in a systematic manner	Apply
CO3	Apply various research designs and techniques	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	1	1	3
CO2	3	2	1	3
CO3	3	2	2	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Introduction to Research

Foundations of Research: Meaning, Objectives, Motivation, Utility. Concept of theory, empiricism, deductive and inductive theory Characteristics of scientific method – Understanding the language of research – Concept, Construct, Definition, Variable, Research Process

Module II: Problem Identification and Formulation

Research Question – Investigation Question – -sources-technique involved in defining a problem, Measurement Issues – Hypothesis, Measurement: Levels of measurement – Nominal, Ordinal, Interval, Ratio

Module III: Research Design

Concept and Importance in Research – Features of a good research design – Exploratory Research Design – concept, types and uses, Descriptive Research Designs – concept, types and uses, Experimental Design; Doctrinal Research; Concept of Independent & Dependent variable-Qualitative and Quantitative Research

Module IV: Sampling

Concepts of Statistical Population, Sample, Sampling Frame, Sampling Error, Sample Size, Characteristics of a good sample. Probability Sample – Simple Random Sample, Systematic Sample, Stratified Random Sample and Multi-stage sampling. Determining size of the sample

Module V: Data Analysis

Data Preparation – Univariate analysis - frequency tables, bar charts, pie charts, percentages, Bivariate analysis – Cross tabulations and Chi-square test - testing hypothesis of association- Interpretation of Data and Report Writing

References

1. Deepak Chawla and Neena Sondhi, Research Methodology: Concepts and Cases: Concepts & Cases, Vikas Publications, 2016
2. Neuman, W.L., Social Research Methods: Qualitative and Quantitative Approaches, Pearson 2011
3. Donald Cooper, Pamela Schindler and J K Sharma, Business Research Methods, McGrawHill Education, 2017
4. Zikmund William G. et.al, Business Research Methods, Cengage Learning, 2013
5. Alan Bryman, Social Research Methods 5e, Oxford University Press, 2016
6. Alan Bryman and Emma Bell, Business Research Methods, Oxford University Press, 2016
7. K. Kalyanaraman, Hareesh N. Ramanathan and P.N. Harikumar, Statistical Methods for Research: A Step by Step Approach Using IBM SPSS, Atlantic, 2016
8. C.R. Kothari and Gaurav Garg, Research Methodology : Methods And Techniques, New Age International, 2019
9. Ranjit Kumar, Research Methodology, Sage Publishing, 2014
10. Wilkinson P I Bhandarkar, Methodology and Techniques of Social Research, Himalaya Publishing, 2016.

2. Strategic Management

Semester 6	Course 2	(25-272-0602)

Course Objectives

The course aims to develop a comprehensive understanding of key strategic management concepts and frameworks, enhancing students' ability to conduct thorough internal and external analyses of organizations. It focuses on teaching students how to formulate effective business strategies considering competitive environments and equipping them with the skills to implement and evaluate these strategies. By understanding the processes and challenges involved in strategic management, students will be prepared to adjust strategies to ensure long-term business success.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Analyze and interpret complex business environments using strategic management theories	Analyse
CO2	Develop and justify strategic decisions based on comprehensive organizational analysis	Apply
CO3	Formulate and communicate strategic plans that align with organizational goals	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	12	3
CO2	3	2	1	3
CO3	3	2	2	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Introduction to Strategic Management

Definition and Importance of Strategic Management: Vision, Mission, and Objectives: Levels of Strategy: Corporate, Business, and Functional: Strategic Management Process

Module II: External and Internal Environment Analysis

PESTEL Analysis; Porter's Five Forces; SWOT Analysis; Value Chain Analysis; Resource-Based View (RBV)

Module III: Strategy Formulation

Business-Level Strategy: Cost Leadership, Differentiation, and Focus: Corporate-Level Strategy: Diversification, Mergers, and Acquisitions; Global Strategies; Strategic Alliances and Joint Ventures

Module IV: Strategy Implementation

Organizational Structure and Design; Leadership and Strategic Change; Culture and Strategy; Balanced Scorecard and Strategic Control

Module V: Strategic Evaluation and Control

Strategic Evaluation Methods; Performance Measurement; Feedback and Learning in Strategy-Strategic Renewal and Innovation

References

1. Johnson, G., Scholes, K., & Whittington, R., Exploring Corporate Strategy, Pearson, 2009
2. Frank T Rothaermel, Strategic Management, Mc Grow Hill, 2023
3. Srinivasan, Strategic Management- The Indian Context, PHI, 2020
4. Galbraith, J. R., Designing Organizations: Strategy, Structure, and Process at the Business Unit and Enterprise Levels,. Jossey-Bass, 2014
5. Mintzberg, H., Ahlstrand, B., & Lampel, J. Strategy Safari: A Guided Tour Through the Wilds of Strategic Management, Free Press, 2005.
6. Grant, R. M, Contemporary Strategy Analysis, Wiley, 2016.
7. Porter, M. E., The Five Competitive Forces That Shape Strategy. Harvard Business Review 2008.
8. Barney, J. B., & Hesterly, W. S., Strategic Management and Competitive Advantage: Concepts and Cases, Pearson, 2019
9. Ghemawat, P, Strategy and the Business Landscape. Pearson, 2001
10. Kaplan, R. S., & Norton, D. P., The Balanced Scorecard: Translating Strategy into Action. Harvard Business Review Press, 2006

3. Civil Procedure Code and Limitation Act

Semester 6	Course 3	(25-272-0603)

Course Objectives

The course intends to impart basic knowledge about the civil procedure followed in Indian courts and thereby enable one to get familiarized with the proceedings followed in civil courts. The course

introduces and provides insights on practice and procedures followed in civil courts. It also facilitates the students to interact with the practicing lawyers and to share their experiences.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand civil drafting process	Understand
CO2	Analyse proceedings happening in the civil court.	Analyse
CO3	Devise the skills and ethics required for a practicing lawyer	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	1	3	3	1
CO2	3	2	3	3
CO3	3	2	2	1

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Fundamentals of Civil Procedure

Suits in General- Definitions - Decree, decree holder, judgment, judgment debtor, legal representative, mesne profit, order and pleader, Cause of action- Jurisdiction of the Courts (Subject matter, territorial and pecuniary)- res subjudice - res judicata- Foreign Judgment

Module II: Civil Litigation

Suits - Parties to Suits- Framing of Suits- Pleadings generally - Complaint –Written Statement- (Set-off & Counter-claim)- Appearance of parties - Ex parte Decree, dismissal for default- Costs and Interest- Filing a Caveat.

Module III: Civil Court Trials

Trial of suits and Execution of Decree- Summons-Issue and Service of Summons- Summoning and Attendance of witnesses- Withdrawal and adjustment of Suits- Examination of parties by the court- Temporary & permanent injunction and Interlocutory Orders-Issue of commissions-Arrest and Attachment before Judgment- Execution of Decrees - Executing Court, - Modes of Execution etc.

Module IV: Civil Appeals, Review and Revisions

Appeals, Reference, Review and Revision- General provisions relating to appeals- First Appeal - Second Appeal- Appeals to the Supreme Court -Appealable Orders -Reference –Review- Revision - Inherent Powers of Court- Special suits- Suits by/and against minors and person of unsound mind- Suits by/ and against indigent person- Suit by/and against Government.

Module V: Limitation Act

The Limitation Act-General Provisions as to the Bar of Limitation and Extension of the prescribed time-rules of exclusion -Acquisition and Extinguishment of Proprietary rights by the virtue of limitation

References

1. Takwani, Civil Procedure Code with Limitation, Eastern Books, 2023
2. Avtar Singh, The Code of Civil Procedure, 2022
3. Mulla, Code of Civil Procedure, Lexis Nexis, 2017
4. Sudipto Sarkar& M. L. Singhal, Sarkar's Code of Civil Procedure, (2 Vols), Lexis Nexis, 2017
5. C. K. Takwani, Civil Procedure with Limitation Act, Eastern Book Company, 2017
6. M.R. Malik, Ganguly's Civil Court, Practice and Procedure, Eastern Law House , 2012
7. M.P. Tandon, Code of Civil Procedure, Allahabad Law Agency, 2005
8. Advocate K. V. Siva Prasad, The Limitation Act, 1963, MJS Publication, 2018

4. Company Law

Semester 6	Course 4	(25-272-0604)

Course Objectives

The course is intended to acquaint the students with fundamental principles of law relating to companies. It will help students to learn about concepts such as share capital and debt capital. It will help students familiarise with the governance process in companies and the rights of shareholders. It also discusses the administrative controls over companies and the winding up process.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the general principles relating to company law.	Understand
CO2	Evaluate functioning of companies and regulatory controls over governance of companies.	Evaluate
CO3	Practice as corporate lawyers and legal managers in companies.	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	2	3	3	3
CO2	3	3	3	3

CO3	3	2	3	3
1-Low Correlation		2-Medium Correlation		3-High Correlation

Course Contents

Module I: Introduction to Company Law

Corporate Personality - Advantages and Disadvantages of Incorporation- Formation of company -Promoters-Registration and incorporation of company - Memorandum and Articles of Association -Doctrine of ultra vires, indoor management and constructive notice-concept of corporate governance-Different kinds of company.

Module II: Share Capital and Debt Capital

Concept of Share-Issue of shares and securities- role of SEBI-Prospectus - misrepresentation and remedies –Criminal liability - Allotments of shares – Alteration, reduction and further issue of share capital-Forfeiture, lien, Surrender of shares- Transfer of shares- Debentures – Registration of charges.

Module III: Board of Directors

Composition of board of directors-Position of Directors-appointment, removal and remuneration of directors- independent directors- Board Meetings –Duties of directors- Powers of Directors and Restrictions on powers-Board Committees-corporate social responsibility-Borrowing powers of company- Loans and investments by companies- Distribution of Dividend- Key Managerial Persons.

Module IV: Shareholder Rights and Remedies

Shareholders and Members-Powers of Company in General Meeting- Meetings of Shareholders-Resolutions-Majority Powers and Minority Rights - Shareholder remedies- Class action suits--Prevention of oppression and mismanagement- Role of NCLT, NCLAT.

Module V: Administrative Control over Companies

Maintenance of Accounts- Audit – Inspection, Inquiry and Investigation - Compromise, arrangement, amalgamations- Voluntary winding up and Corporate Rescue- Defunct Company- Striking off names of company.

References

1. Ramaiya, Guide to the Companies Act, Lexis Nexis, 2021
2. Avtar Singh , Company Law, EBC Books, 2022
3. C R Datta on Company Law, Lexis Nexis, 2017.
4. L.C.B. Gower, Principles of Modern Company Law, Sweet and Maxwell, 2016.
5. Avtar Singh, Company Law, Eastern Book Company, 2018.
6. M C Bhandari , Company Law Procedures, Lexis Nexis, 2018
7. Palmer, Company Law, Stevens, 1987.
8. Robin Hollington, Shareholder's Rights,Sweet & Maxwell,2007
9. T. P Ghosh on Companies Act 2013, Taxmann, 2013.
10. Dr. G.K. Kapoor, Sanjay Dhamija, Company Law and Practice, Taxmann, 2015
11. Jonathan Charkham & Anne Simpson, Fair Shares – The future of shareholder power and responsibility, Oxford University Press, 1999.
12. K. Majumdar, Dr. G. K. Kapoor Company Law & Practice, Taxman, 2015.
13. S.M. Shah, Lecturers on Company Law, N M Tripathi Pvt Ltd, 1990.

5. Labour Law–I (Trade Unions and Industrial Disputes)

Semester 6	Course 5	(25-272-0605)

Course Objectives

The objective of the course is to help students understanding labour law regime in India. The course will introduce the students to the different stakeholders at play and the laws which enable them to maintain industrial peace and contribute to industrial development. It helps in critically examining the industrial relations and the role of trade unions. It discusses the legal framework governing wages, safety measures in industries and resolution of industrial disputes.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Gain insights about different labour protection laws	Understand
CO2	Evaluate and engage in different strategies and mechanisms available for resolution of industrial disputes	Evaluate
CO3	Articulate and engage in legal practice and procedures for setting wages, safety mechanisms, etc.	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3 1	3 2	3 3	1 2
CO2	3 3	2 3	3 2	3 3
CO3	3 2	3 2	3 2	2 2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I : Theoretical Basis

Origin, nature and need – industrial relation – concept, objectives and significance – Constitutional framework – fundamental rights and directive principles – impact of globalization on labour policies.

Module II : Collective Bargaining

Notion – meaning and scope – history of trade union movement in India – definition and objects of trade union – registration and its cancellation – powers and functions of Registrar of Trade Union – funds of trade unions – general and political – their immunities – nature and scope

Module III : Measures Relating to Safety

Standing order – its certification, duration and modification – subsistence allowance; notion of factory – approval, license and registration – occupier – his general duties – maintenance of health, safety, welfare – provisions relating to hazardous processes – working hours – child employment

Module IV : Measures Relating to Wages

Minimum wages – fixation and revision – procedure – overtime – exemptions and exceptions – responsibility for payment of wages – fixation of wage periods – deduction and fines – authorities and adjudication of claim; Bonus – meaning of allocable surplus, accounting year and bonus – computation of gross profit, available surplus and bonus – minimum and maximum bonus – set off and set on – disqualification and deduction

Module V: Industrial Disputes

Concept of Industry, industrial disputes, employer and employee – coercive methods used by employees and employers – strike, lock out, lay off, retrenchment, transfers and closure – authorities for dispute resolution - Works Committee – Conciliation officer – Courts of Enquiry – Labour Courts – Tribunals – reference to arbitration – powers of Government – Procedure, Powers and Duties of Authorities

References

1. New Labour Codes
2. Taxmann's Labour Laws with Code on Wages, 2020
3. O.P. Malhotra's Law of Industrial Disputes, LexisNexis, 2015
4. P. L. Malik, Handbook of Labour and Industrial Law, EBC, 2018
5. K.D. Srivastava, Commentaries on Industrial Employment (Standing Orders) Act, 1946, EBC, 2012
6. K.D. Srivastava, Law Relating to Trade Unions and Unfair Labour Practices, EBC, 2003.
7. Alok Bhasin, Labour Laws: A Primer, EBC, 2011
8. Indian Law Institute, Labour Law and Labour Relations, 1968

6. Public International Law

Semester 6	Course 6	(25-272-0606)

Course Objectives

The objective of this course is to give an in-depth understanding about the concept and scope of public international law. It provides a fair idea about relationship between states under international law and how their relationship is being regulated. It further provides an insight about the international law relating to states, individuals, treaties, sea and UNO.

Course Outcomes (COs)	Bloom's Taxonomy Level

After completion of the course, the student will be able to:		
CO1	Understand the process of evolution of international law	Understand
CO2	Appreciate the role of Nation States in protection of rights of individuals	Evaluate
CO3	Examine specific international legal issues like diplomatic relations	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	1
CO2	3	2	3	3
CO3	2	3	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I- Introduction to Public International Law**

Introduction - Development of International Law – Definitions - Nature of International law - Legality of International Law - Positive Morality - Theories as to basis of International Law - Sources and Subjects of International Law.

Module II-Concept of State

International Law and Municipal Law - Monistic Theory- Dualistic Theory – Other Theories - UK Practice, American Practice and Indian Practice - Concept of State - Essential Ingredients of State - Different kinds of States - Territory of State - Recognition of States - State Jurisdiction -Territorial Sovereignty - Civil and Criminal Jurisdiction

Module III- State Responsibility and State Succession

Responsibility of States – Original and Vicarious Responsibility -State Responsibility for various Acts- Individual Acts, Mob Violence, Insurgency, etc. -State Succession -Theories of State Succession -Rights and Duties arising out of State Succession

Module IV- Individuals, Diplomatic Relations and Treaties

Nationality – Asylum – Extradition- Meaning of Diplomacy -Law on Diplomatic Relations - Classification of Diplomatic Agents – Functions - Privileges and Immunities of Diplomatic Agents - Duties - Law of Treaties

Module V- Law of the Sea and UNO

Historical Background -Maritime Belt -Territorial Sea -The Contiguous Zone -Exclusive Economic Zone -Continental shelf -The High Seas -International Sea Bed Area-Settlement of Disputes under Law of the Sea Convention – Settlement of International Disputes - UNO

References

1. Malcolm Nathan Shaw, International Law, Cambridge University Press, 2017
2. Tim Hillier, Sourcebook on Public International Law, Routledge, 1998
3. James Crawford, Brownlie's Principles of Public International Law, Oxford University Press, 2019
4. Joseph Gabriel Starke, Ivan Anthony Shearer, Starke's International Law, Butterworths, 1994
5. Lassa Oppenheim, Robert Jennings and Arthur Watts, Oppenheim's International Law, Oxford University Press, USA, 1991
6. S K Kapoor, International Law and Human Rights, Central Law Agency, Allahabad, 2021
7. H.O. Agarwal, International Law & Human Rights, Central Law Publications, 2020
8. Samantha Besson & Jean d' Aspremont, The Oxford Handbook on the Sources of International Law, OUP, 2017
9. Jan Klabbers, International Law, Cambridge University, 2020

VIIth Semester BBA LLB (Hons.)

1	Management Project
2	Environmental Law
3	Labour Law–II (Social Security Laws)
4	Principles of Taxation Law
5	Property Law
6	Drafting, Pleading and Conveyancing

1. Management Project

Semester 7	Course 1	(25-272-0701)

Course Objectives

The course aims to apply business concepts and theories to real-world decision-making. It also aims to increase proficiency in specific business disciplines; such as human resources management, operations management, marketing, accounting, statistics, economics, finance, and business law.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Apply the business skills in decision making, communication, technology, and quantitative reasoning	Apply
CO2	Develop network of professional relationships and contacts	Apply
CO3	Judge independently, analytically through the process of research and inquiry while making effective decisions in business environment	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	1	2	3
CO2	3	2	1	3
CO3	3	2	2	3

1-Low Correlation

2-Medium Correlation

3-High Correlation

Project Work Rules

1. During the beginning of the seventh semester students have to undertake a management project and submit the report before the conclusion of seventh semester University examination.
2. The Management project has to be undertaken by the students upon any functional area of management in an organization or an independent study.
3. Mark allotment:-

Project Report:	50 marks
Project Viva :	<u>50 marks</u>
Total :	100 marks.

4. The report shall be printed and spiral bound with around 50 A4 size pages.

The layout is:

Font: Times New Roman-Size : 12

Line Spacing: 1.5

Margin: Left - 1.5; Right-1; Top-1; Bottom-1

The project report (one hard copy and one soft copy) should be submitted to the Department at least 15 days before the last working day of the seventh semester. The panel for viva-voce shall comprise of one external expert and one internal expert.

5. Structure of the Report:

Title Page

Declaration

Acknowledgement

Certificate(s) with signatures

Table of Contents

List of Tables,

List of Figures

Executive Summary

Chapter 1- Introduction: (5-8 pages)

Background of the Study, Review of literature, Statement of the problem, Need and Significance of the study, Objectives of the study, Research Methodology, Sample, Data source, Tools of analysis, Scope and Limitations of the study, Chapterisation Scheme

Chapter 2- Literature Review (10-15 pages)

Chapter 3- Data Analysis and Interpretation (25-30 pages)

Chapter 4 - Summary of Findings, Conclusion and Suggestions

Bibliography (Written based on APA format)

Appendix: Questionnaire and other exhibits

2. Environmental Law

Semester 7	Course 2	(25-272-0702)

Course Objectives

The primary objective of the course is to explain the role of law, policy and institution in the protection, conservation and management of environment and natural resources. The various multilateral environmental agreements and doctrines are taught to the students. The course introduces the students to the environmental jurisprudence in India and also equips them with the skills needed for interpreting laws, policies and judicial decisions.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the role played by law, policy, and institutional frameworks in the protection, conservation, and management of the environment and natural resources,	Understand
CO2	Analyze legal doctrines on environmental governance, its implications and formulate informed opinions on emerging issues in environmental law and policy.	Analyse
CO3	Apply their knowledge of environmental jurisprudence in India and develop the practical skills necessary for legal reasoning and advocacy in environmental law	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	2
CO2	3	3	3	3
CO3	3	3	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Introduction to Environmental Law**

Environment: meaning and scope –History and Development of Environmental Law in India - provisions in the Indian Constitution – Constitutional Values- Indian Penal Code - Criminal Procedure Code.

Module II: Multilateral Environmental Agreements and Doctrines

Environmental Protection under International Law - Sustainable Development - Precautionary Principle, Polluter Pays Principle, Public Trust Doctrine- Intergenerational Equity Principle-Common but Differentiated Responsibility Principle – Montreal protocol- Framework Convention on climate change.

Module III: Protection of Forest and Wildlife

Protection of Forest - Forest Laws and policies in India – Judicial approach to forest conservation – Rights of forest dwellers – Wildlife Protection – Bio-diversity Conservation.

Module IV: General and Specific Environmental Protection Laws

Protection of Land, Water, Air and Environment–machinery for control of pollution– wetland conservation–Noise Pollution–Environmental Impact Assessment–Marine Environment–Coastal Regulation Zone

Module V: Judiciary and Environment

Liability for Environmental hazards - Public Liability Insurance - Judicial review of environmental decisions - Evolution of right to environment – Sustainable Development - National Green Tribunal.

References

1. P. Leelakrishnan, Environmental Law in India, 2021
2. P. Leelakrishnan, Environmental Law Case Book, Lexis Nexis, 2006
3. Armin Rosencranz, et.al., Environmental Law and Policy in India, 2022
4. Rodgers, Environmental Law, 1994
5. Satish C. Sastri, Environmental Law, 2015
6. Ashok A. Desai, Environmental Jurisprudence, 2002
7. Jaswal, P. S. and Jaswal, N., Environmental Law, 2017
8. Dr. S. Shantha Kumar, Introduction to Environmental Law, Eastern Book Company, 2016

3. Labour Law –II (Social Security Laws)

Semester 7	Course 3	(25-272-0703)

Course Objectives

This course introduces the students to the concept of social security and its different forms by which the society at large take care of its employees at their vulnerable periods. The course provides a comprehensive understanding of the fundamental principles and the various laws governing labour relations, employment standards and worker's rights. It educates the students about the major provisions of all labour laws and their implications on both the employer and the employee.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the legal and regulatory framework of labour laws both at the domestic and international level	Understand
CO2	Appreciate the protection of social security measures & to appraise the situations in which different types of social security measures can be invoked	Evaluate
CO3	Evaluate the compatibility of the Indian legal framework on labour law with the Constitutional guarantees and international standards.	Evaluate
CO4	Assess the lacunae in the labour welfare laws and suggest reforms for enhancing the welfare of labourers	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	3
CO2	3	3	3	3
CO3	2	3	3	3
CO4	3	3	3	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Social Security**

Concept, meaning and significance – relation with notion of welfare State – Constitutional Values- social justice – international norms on social security – role of ILO – its Conventions and Recommendations on social security

Module II: Employees Compensation

Notions of employee, compensation, dependent, wages, total and partial disablement – doctrine of notional extension – employer's liability to pay compensation – cases of personal injury and occupational disease – amount of compensation, duration and return – authority for determination of compensation

Module III: Employees State Insurance

Notions of employer, employee, dependant, employment injury, disablement its kinds– ESI Funds – contributions – benefits under the Act – ESI Corporation – its constitution,

appointment and termination of members, their tenure – Standing Committee – Medical Benefits Council – establishment of hospitals by Corporation

Module IV: Gratuity

Meaning of employer, employee, continuous service and gratuity – payment and forfeiture of gratuity – determination of the amount of gratuity – exemption to pay gratuity – authorities under the Act

Module V: Other measures

Maternity Benefit – scope of the Act – meaning of employer, maternity benefit, miscarriage and wages – right to payment of maternity benefit – available benefits – restrictions on employer; Provident Fund – common provident fund – Pension – other kinds of benefits – old age – unemployment

References

1. S.C. Srivastava, Social Security Laws, Eastern Book Co., 2020
2. Victor George, Social Security and Society, 2018.
3. Harry Calverty, Social Security Law, 1974.
4. R.N. Choudhary, Commentary on the Employees Compensation Act, Orient Publishing Co., 2019.
5. KD. Srivastava, The Payment of Bonus Act, Eastern Book Company, 2003.
6. R.G. Chaturvedi, Law of Employees Provident Funds, Bharat Law House, West Thomson Reuters, 2017

4. Principles of Taxation Law

Semester 7	Course 4	(25-272-0704)

Course Objectives

The primary objective of the course is to explain the principles of taxation law. It discusses the constitutional scheme of taxation in India and legislations pertaining to direct and indirect taxes. The course intends to provide a comprehensive understanding on the structure of the taxation system and the role of different tax authorities and inculcate the principles governing assessment of tax and the remedies available under various taxation statutes.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Illustrate the general principles relating to taxation law and to identify and define the key taxation terms.	Understand
CO2	Explain the organizational structure of tax authorities and their respective roles and responsibilities	Understand

CO3	Identify different kinds of tax and the deductions and to apply relevant tax laws to compute tax liabilities for individuals and corporate entities	Apply
CO4	Analyse the main tax legislations, the assessment method, the powers and functions of statutory authorities.	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	2	2	2	1
CO2	2	2	2	1
CO3	3	3	3	3
CO4	3	3	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Basic Principles of Taxation**

Concept of tax- Canons of tax –Elements of taxation and principles of an optimal tax system - Taxation power and Constitutional scheme of taxation in India -Classification of taxes- Concept of fee, cess and surcharge- Concept of regulatory tax- Concept of compensatory tax.

Module II: Direct Tax

Direct Tax and Indirect taxes- Fundamental differences-Tax on income of individual- corporation tax- Capital gain tax- Agricultural income tax- Deductions and exemptions under Income Tax Act-Tax planning, tax avoidance and tax evasion- Deduction of tax at source- Double taxation avoidance agreement.

Module III: Indirect Tax

Kinds of Indirect taxes- Unification of indirect taxation system-Taxation and co-operative federalism, Avoidance of cascading effect in indirect taxes- Concepts of input tax, output tax, presumptive tax and reverse tax- Tax on sale and supply of Goods and Services -GST – Customs Duties- Tax on sales of specified goods like petroleum products and liquor- Tax on E-commerce.

Module IV: Other Kinds of Tax

Tax on motor vehicles- Tax on Land and Buildings- Taxes collected by the local authorities- Property tax, Entertainment tax- Professional tax.

Module V: Tax Assessment

Assessment and remedies under various taxation statutes-Appellate and revisional forums and its hierarchy- Settlement commission- Compounding of offences- Penalties and prosecutions for non-compliance.

References

1. Dr.Girish Ahuja, Systematic Approach to Income Tax, Wolters Kluwer, 2020.
2. Ullas Saha, Principles of Taxation Laws, 2023
3. Dr.Girish Ahuja and Dr.Ravi Gupta, Systematic Approach to Taxation, Bharats, 2015
4. Vinod Singhanian, Direct Taxes Law and Practice, Taxmann, 2021.
5. Vinod Singhanian, Deduction of Tax at Source, Taxmann, 2019.
6. Bomi F Daruwala, Bharat's Handbook to Direct Taxes, 2018.
7. R.K Jha and P.K. Singh, A Birds Eye view of GST, Asia Law House, 2017.
8. V.S Datey, GST Law and Praticce with Customs and FTP, Taxmann, 2017.
9. India's Income Tax Laws, India Law Series, 2013.
10. Justice Dimampao, Tax principles and Remedies, Rex Books.
11. S. Gupta, GST- Law and Practice, Taxmanns Publications, New Delhi.
12. Double Taxation Avoidance Agreement, Snowwhite, 2014.
13. T.N. Manoharan and G.R. Hari, Handbook on Taxation (includes Income Tax Law and Goods and Service Law, 2017.
14. Dr N K Gupta & Vineet Gupta, Goods and Service Tax (Law, practice and Procedures), Bharat Law House, 2018.

5. Property Law

Semester 7	Course 5	(25-272-0705)

Course Objectives

This course looks at the nature of property rights and the general principles governing the transfer of property under the Indian law. It delves into the study of the substantive law relating to specific transfers, such as sale, mortgage, lease, exchange, gift and actionable claims. It also explores how property rights are conferred, alienated and protected through law. The course further includes an exposure into the concept of easements and its applicability in the day-to-day life in the Indian context.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Explain the substantive rules and principles of transfer of property in India	Understand
CO2	Apply the principles of property law to factual scenarios and critically examines its operation from a range of theoretical and social perspectives.	Apply
CO3	Evaluate the various modes of transfer of property and critically analyse its application in various context	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	1	3	3	1
CO2	1	3	3	1
CO3	2	3	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Concept of Property and General Principles of Transfer**

Concept of Property – Different kinds of Property – Meaning of Movable and Immovable Property – Definition of Transfer of Property – Persons competent to transfer – Operation of transfer – Conditions restraining alienation – Transfer for benefit of unborn persons – Rule against perpetuity – Vested Interest and Contingent Interest

Module II: General Principles Governing Transfer of Immovable Property

Doctrine of Election – Transfer by ostensible owner – Transfer by limited owners – Fraudulent Transfer – Improvements made by person under defective title – Doctrine of *lis pendens* and part performance.

Module III: Specific Transfers I

Sale of immovable property – Definition of sale and contract to sell – Rights and liabilities of seller and buyer — Definition of gift – Modes of creation of gift – Condition for valid gifts –Suspension and Revocation of gift – Exchange

Module IV: Specific Transfers II

Mortgage – Different kinds of mortgages – Rights and liabilities of mortgagor and mortgagee – Charge and floating charge – Actionable claim – Lease – Modes of creation and determination of lease – Rights and liabilities of lessor and lessee

Module V: Easements

Indian Easement Act– Definition and essential features of easement – Kinds of easement – Easement of Necessity and Quasi easements – Imposition, Acquisition and Transfer of Easements – License.

References

1. Mulla, The Transfer of Property Act, Lexis Nexis, 2021
2. D J Vakil, Commentaries on Transfer of Property Act, Lexis Nexis, 2021
3. Avtar Singh, Textbook on the Transfer of Property Act , Lexis Nexis, 2019
4. G C V Subba Rao, Law of Transfer of Property (2 Vols.), ALT Publications 2019
5. Vepa P. Sarathi and Mallika Taly, Law of Transfer of Property, Eastern Book Co., 2017
6. S.N. Shukla, Transfer of Property Act, Allahabad Law Agency, 2015
7. Akhileswar Pathak, Law of Sale, Lease and Mortgage, Lexis Nexis 2017
8. B BKatiyar, Law of Easements & Licenses, Universal Law Publishing, 2017

9. AP Singh and AK Srivastava, Property Laws, Lexis Nexis 2015.

6. Drafting, Pleading and Conveyancing

Semester 7	Course 7	(25-272-0706)

Course Objectives

The art of drafting a good pleading or conveyance can be acquired only through practice. A well drafted document is not simple for the defect of the practice but also assists the court in understanding the subject matter of the draft. This course provides a good start to the students for acquiring the skills of drafting pleadings and conveyance by familiarizing them with the fundamental rule. The students are acquainted with the nuances of drafting various pleading deeds and agreements.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand fundamental rules of pleading and conveyancing and drafting	Understand
CO2	Apply the provision of specific status while drafting any petition/application under the said statute	Apply
CO3	To drafting civil pleading, criminal pleading, matrimonial pleading and constitutional pleadings	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	3
CO2	3	3	2	1
CO3	2	2	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Notice

Notice under section 106 of the Transfer of property Act,1882-Notice under section 80 of the Civil Procedure code,1908-Notice under section 138 of the Negotiable Instruments Act,1881-Reply to the legal notice, Notice under Consumer Protection Act, Application for Right to Information.

Module II: Pleadings

Original Suit- Suit for Recovery under Order XXXVIII of the Code of Civil Procedure- Draft Affidavit- Interlocutory Application- Suit for Permanent Injunction-Application for Temporary Injunction under Order XXXIX Rule 1 and 2 of the Civil Code of Procedure,1908-Suit for Ejectment and Damages for Wrongful Use and Occupation-Written Statement-Caveat under section148 of Code of Civil Procedure-Transfer petition under Sec. 25 of CPC,1908-Application for the Execution of Decree - Memorandum of Appeal and Revision.

Module III: Pleading under Criminal Law

Application for regular Bail-Application for Anticipatory bail- Complaint - Appeal- Revision Petition- Review Petition-Criminal Miscellaneous Petitions-.

Module IV: Pleadings before Higher Courts

Writ Petition under Art. 226 of the Constitution of the India-Special leave petition (Civil) under Article 136 of the constitution of India-Special leave petition (Criminal) under Article 136 of the Constitution of India-Second Appeal- Revision Petition-Review Petition-Petition for quashing complaint.

Module V: Conveyancing

Will-General Power of Attorney & Special Power of Attorney-Agreement to sell-Sale Deed-Lease Deed-Mortgage Deed-Partnership Deed-Relinquishment Deed-Gift Deed- Promissory Note

Evaluation Pattern and Conduct of Classes

The course will be taught through class instructions and simulation exercises, preferably with assistance of practising lawyers/retired judges. Apart from teaching the relevant provisions of law, the course may include not less than 15 practical exercises in drafting carrying a total of 45 marks (3 marks for each) and 15 exercises in conveyancing carrying another 45 marks (3 marks for each exercise) remaining 10 marks will be given for viva voce. Apart from the exercises mentioned herein, the instructor of the course may include additional drafting/pleading/conveyancing exercises to satisfy the required number of exercises. Students shall maintain a record of the exercises and shall be evaluated by the concerned instructor. The evaluation will be 100% internal and the viva-voce shall be conducted by a panel of internal and external expert.

Reference

1. Dr Y S Sharma, The Law of Pleadings , Drafting and Conveyancing, 2023
2. R.N. Chaturvedi, Pleading, Drafting and Conveyancing, Central law Publications, fifth Ed., 2018
3. H.K. Saharay, N.S Bindra's Pleading and Practice, Universal law Public, 2016
4. G.C. Mogha and S.N.Dhingra, Mogha's Law of Pleading in India with Precedents, Eastern Law House, 18th Ed., 2016
5. M.C Agarwal& G.C. Mogha, Indian conveyancer, Eastern Law House, 14th Ed., 2016
6. S.P.Agarwal, Pleadings :An Essential guide, LexisNexis, Haryana, 2016
7. S.P.Agarwal, Drafting and Conveyancing, LexisNexis, Haryana, 2015
8. Medha Kolhothra, Drafting, Pleading and Conveyancing, LexisNexis, Haryana, 2015
9. C.R.Datta &M.N.Das, De Souza's Forms and Precedent of Conveyancing, Eastern law House, 2018

VIIIth Semester BBA LLB (Hons.)

1	Professional Ethics and Professional Accounting System
2	Organisational Dynamics
3	General Elective 1
4	General Elective 2
5	Special Elective 1
6	Special Elective 2

1. Professional Ethics and Professional Accounting System

Semester 8	Course 1	(25-272-0801)

Course Objectives

Professional ethics forms the foundation in the lives of the lawyer. Every person has been given the right to engage a lawyer of their choice to represent their case. It means that lawyers have the constitutional obligation to take up the case of every person who approaches them for legal representation. The lawyer has to adopt ethical practices in all spheres of their profession from meeting clients, giving them legal counselling, presenting their cases before appropriate bodies managing clients' accounts etc. The course covers the wide spectrum of lawyer conduct and specifically aim to familiarize the students with the legal provisions, guidelines and judicial decisions on the subject of professional conduct for lawyer and contempt of court. The course objective is to acquaint the students with the Bar Council of India Code on professional misconduct, train them the skill of client interview and counselling and teach them the basics of professional account.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand ethical, moral and legal responsibilities of a lawyer	Understand
CO2	Address situations of professional dilemma and of judicial contempt	Evaluate
CO3	Apply the basic principles of professional accountancy	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	1	3	3
CO2	2	2	3	3
CO3	2	2	3	1

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Advocacy

Meaning: Professional-Occupation-Employment, Seven Lamp of advocacy, History of Legal Profession in India- Advocate Act, Bar council of India and State Bar Councils, Composition and Functions: Senior Advocates-restriction for other employment, right to practice and Right to appearance, professional misconduct and disciplinary power of Bar council and appeals, Entry for foreign law firms in India

Module II: Professional Ethics

Meaning: Ethics and morals - Bar and Bench relations, Part VI of the Bar Council of India Rules, Rule as to govt. Advocates, Restriction on Senior Advocates, Duty related to courts, clients, opposite parties, colleagues, Duty to imparting training, render legal aid and order of Disciplinary committee of Bar council of India/Judgments of Supreme Court on Professional misconduct & Respect to Constitutional Values.

Module III: Contempt of Court

The Contempt of Courts Act - Historical Background, Constitutional Provision, Definitions: Civil and Criminal contempt, Mens Rea in Contempt cases, Defence and Exceptions, Contempt by Judges and Magistrates, Punishment for contempt, Purging of contempt, Procedure for initiating action for contempt, Appeal provision

Module IV: Accountancy of Lawyers

Importance of proper account by advocate, Fees and expenses, Accountancy in Lawyers office/firm: basic financial Statements - Income & loss Account, Cyber Security- Challenges, Balance sheet – Interpretation- Bar Council of India Rules, Duties to the client, Advocate on Record Rule.

Module V: Client Interviewing and Counselling

Meaning, Importance, Listening, Communication Techniques, types of quotation, Advising Counselling

Evaluation Pattern

Evaluation shall include assessment through case-study, viva and periodical problem solution besides the written tests. The distribution of marks for the internal evaluation out of 100 marks includes a) test paper – 20 marks, b) case study- 15 marks, c) attendance- 05 marks, d) record preparation 45 marks and e) viva-voce 15 marks. Students shall maintain a record of the exercises and shall be evaluated by the concerned instructor. The viva-voce shall be conducted by a panel of internal and external expert.

References

1. Ramachandran, Professional Ethics for Lawyers: Changing Profession Changing

- Ethics, Lexis Nexis, 2014
2. Gosh, Legal Ethics and the Profession of Law, LexisNexis, 2014
 3. G.C. Subbarao, Commentary on Contempt of Court Act, 1971, ALT Publication, 2013
 4. Ranadhir Kumar, Contempt of Courts: Law and Practice, Wadhwa Book Company, 2012
 5. The Advocate Act, 1971
 6. The Contempt of Courts Act, 1971
 7. Law of Commission of India, 266th Report on Advocate Act, 1961 (Regulation of Legal Profession), 2017
 8. Law of Commission of India, 274th Report on the Review of the Contempt of Courts Act, 1971 (Limits to Sec. 2 of the Act, 1971), 2018

2. Organisational Dynamics

Semester 8	Course 2	(25-272-0802)

Course Objectives

The course aims to explore the organizational structures and their behavioral characteristics like culture, group dynamics, management issues, motivation, leadership and design of the organization.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the foundations of individual behaviour with an understanding of human personality, perception, motivation, satisfaction, stress learning and emotions	Understand
CO2	Assess the basic process of interpersonal relationship	Evaluate
CO3	Develop skill of working in teams and groups in organizations	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	2	3
CO2	3	2	2	3
CO3	3	1	2	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I- Introduction

Importance and scope of organizational psychology- Hawthorne Experiments Organisational Culture- Beliefs, attitudes and values- concepts of Organisational Behaviour – OB and other

disciplines – Concept of Organisational Dynamics

Module II- Individual Behaviour

Individual differences and employees as individuals– personality, personality qualities
Motivation; meaning, nature and process – content and process theories of Human motivation –
financial & non- financial motivation- techniques of motivation

Module III- Job satisfaction

Job satisfaction- meaning-factors-theories-measurement -morale- importance-Employee
attitudes and behaviour and their significance to employee productivity- job-enrichment-job
enlargement

Module IV- Group Dynamics

Concept of group dynamics—features of group– formal and informal group behavior-
Cohesiveness– co-operation - competition -conflict – resolution-group norms-role-
position-status- transactional analysis. Supervision style - training for supervisors.

Module V- Leadership

Leadership-types-theories-Leadership training & evaluation, organizational development,
Organizational changes Counselling & guidance, mentorship, coaching, importance of
counsellor- types of counselling- information needed for counselling.

References

1. Danial C. Fieldman and Hugh Arnold : Managing Individual and Group Behavior in Organization, 1984
2. Robbins, S. P., & Judge, T.A. & Vohra, N. Organizational Behaviour, Pearson Education, 2018
3. Armstrong, M. & S. Taylor. Armstrong's Handbook of Human Resource Management Practice, Kogan Page, 2014
4. Aswathappa, K, Human Resource Management: Text and Cases, New Delhi, Mc Graw Hill, 2017
5. Luthans, F. Organizational Behaviour: An Evidence Based Approach, McGraw-Hill, 2017
6. Pareek, U. and Khanna, S. Understanding Organizational Behaviour, Oxford University Press, 2011
7. Singh, K. Organizational Behaviour: Text and Cases, Vikas Publication, 2015

General Electives for VIIIth (Any two)

1	Air and Space Law
2	Criminology, Penology and Victimology
3	Disaster Management Law

4	Human Rights Law
5	Interpretation of Statutes
6	Law on Building and Engineering Contracts
7	Law Relating to Agriculture
8	Law Relating to Child
9	Women & Criminal Law

Air and Space Law

Semester 8	General Elective	(25-272-0803)

Course Objectives

This course is intended to provide an idea about the need for protection of outer-space as well as law relating to regulation of various activities in outer-space. This course also provides an insight about international laws regulating air traffic management, civil aviation and laws to prevent and control to environmental pollution by space objects and aircrafts.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand fundamental principles for the regulation of activities in space.	Understand
CO2	Examine the basics of air traffic management and civil aviation	Analyse
CO3	Devise solutions for various disputes arises between nations in relation to activities in space.	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	2	3
CO2	3	2	2	3
CO3	3	1	2	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Introduction to Air Law

Definition of Air law - Nature, scope and source - Development of air laws (Paris Convention 1910, Paris Convention 1919, Madrid Convention 1926, Havana Convention 1928, Warsaw Convention and Chicago Convention 1944) - Freedom of the air and sovereignty in the air

Module II: Air Traffic Management

Legal regime - State obligation to provide air navigation services - ICAO - Membership and organs of ICAO -Legislative, administrative and judicial functions - Economic and technical regulations

Module III: Safety and Security in Civil Aviation

Liability in international civil aviation - Manufacturers, operators, operators' agents and maintenance contractors - Third party liability for surface damage - Rights and Privileges of air passengers – Rules relating to Air Cargo - Aviation related Environmental Problems - Aviation Insurance - Aviation terrorism - International norms: conventions, protocols and regulations - Regulations in India - Air safety provisions - Settlement of Aviation Related Disputes

Module IV: Space Law and International Treaties

Definition, nature, scope and development – Sources - International and Intergovernmental Organizations - Non-governmental Organizations and Space Activities - UN and Outer Space The Law of Outer Space - principle of res communis– UN General Assembly resolution 1962 (XVII) adopted in 1963 – The treaty on Principles Governing the Activities of States in the Exploration and Use of Outer Space, including the Moon and Other Celestial Bodies 1967- Convention on International Liability for Damage Caused by Space Objects, 1972 - Convention on the Registration of Objects Launched into Outer Space 1974 -Principles Relevant to the Use of Nuclear Power Sources in Outer Space 1993-The Agreement on the Return of Objects Launched into Outer Space 1968 - Agreement Governing the Activities of States and other Celestial Bodies 1979 - Declaration of Guiding Principles on the Use of Satellite Broadcasting (UNESCO) 1972 - Principles Governing the Use by States of Artificial Earth Satellites for International Direct Television Broadcasting 1983 - Principles on Remote Sensing 1986 -Geostationary orbit - Bogota Declaration 1976.

Module V: Use of Space technology

Peaceful and non-peaceful - Remote sensing - Environmental protection - Commercialization of Space Activities – Settlement of Space Disputes

References

1. Lyall and Larsen, Space Law: A Treatise, Routledge, 2020
2. Frans G. von der Dunk, Harvey and Susan Perlman Alumni, Handbook of Space Law, Edward Elgar, 2015.

3. Sandeepa Bhat, Space Law : The Emerging Trends, Eastern Law House, 2018
4. Ludwig Weber, International Civil Aviation Organization, Wolters Kluwer, 2017
5. Rao, Venkata, Gopalakrishnan, V., Abhijeet, Kumar (Eds.), Recent Developments in Space Law: Opportunities & Challenges, Springer, 2017.
6. Hofmann Mahulena and Tanja Masson-Zwaan, Introduction to Space Law, Wolters Kluwer, 2019
7. Brian F. Havel and Gabriel S. Sanchez, The Principles and Practice of International Aviation Law, 2014
8. Ram S. Jakhu, Paul Stephen Dempsey, Handbook of Space Law, Routledge 2016
9. Azbeyratne, RIR, Legal and Regulatory Issues in International Aviation, Transnational Publishers, NY, 1997
10. Kenneth Button, Airline Deregulation: International Experiences, New York University Press, 1996
11. F.G. Von Der Dunk, the International Space Station: Commercial Utilization from an European Legal Perspective, Martinus Nijhoff Publishers, 2006
12. Gbenga Oduntan, Sovereignty and Jurisdiction in the Air Space and Outer Space, Routledge, 2016.

Criminology, Penology, Victimology

Semester 8	General Elective	(25-272-0804)

Course Objectives

This course aims at the interrelating the concepts of crime and punishment-understanding the concept of criminology and the various theories of criminology and its relevance in criminal law, explaining the concept of punishment, the theories of punishment and the philosophy underlying each theory. It also aims at acquiring knowledge regarding the classification of offences in the context of sentencing. The course throws light on understanding the concept of rehabilitation in the context of the various correction and rehabilitative techniques employed by the criminal justice system and the efficacy of such techniques in achieving its purpose. It also enables to identify the role of victim in criminal justice system and rights of victims in the criminal justice system.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand factors as put forth by the various schools of criminology that influence crime and to relate the crime to different factual situations	Understand
CO2	Analyse the sentencing policy and to evaluate the propriety of punishments imposed on the offenders	Analyse
CO3	Evaluate the efficacy of the rehabilitative and correctional techniques and to assess protection of rights of the victims.	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	2	3
CO2	3	2	2	3
CO3	3	1	2	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Schools of Criminology and factors of Crime Causation**

Criminology - nature, scope and its relevance in Criminal justice administration. Schools of criminology - classical, neo classical - positive school - sociological - cartographic - psychological – psycho analytical school - Radical school of criminology- Causation of crime- hereditary – factors of crime causation-- chromosomal factors - mental deficiency – environmental factors-economic and social factors-poverty - family - school - religion – media

Module II: Sentencing and Criminal Justice Administration

Judicial Discretion in Sentencing- Correctional and Rehabilitative techniques- institutional correction of the offenders- Indeterminate sentencing and sentencing till end of natural life-Probation institutions of correction- Clemency Powers- Pardoning Powers under Constitution and Code of Criminal Procedure -Suspension, Commutation, Reprieve, Respite and Remission-Probation- After care services for adult and juveniles-duty of the state to rehabilitate-corrective labour-duty of state to maintain dependents of convicts.

Module III: Theories of Punishment- Kinds of punishment

Concept of punishment –justification for punishment - Theories of punishment –kinds of punishment-corporeal and incorporeal punishment- punishments under Indian Penal Code- punishments in socio-economic offences- punitive treatment for habitual offenders- mandatory death penalty- Constitutional validity of capital punishment- mode of execution and its validity

Module IV: Prison System and its Administration-Rights of Prisoners

Evolution of Prison System in India - Evolution of Prison System in U.K and U.S- Prison Laws in India-Prison Administration- Role of Judiciary in prison administration- Prisoners' Rights- Judicial Reforms-Solitary and separate confinement- classification of prisoners-emerging forms of punishment-community service, public shaming etc- Parole, furlough and other kinds of prison release- open prisons- prison labour- prison offences.

Module V: Classification of Victims and Protection of Victim Rights

Victimology - conceptual meaning and scope–Primary, Secondary and Tertiary victims-need for protecting victims of crimes—International laws on Victim Justice-impact of Victimization — circumstantial victims-women and children as victims-special protection to women and child victims-victims of domestic crimes-victims of crime as witnesses-statutory provisions- Compensation to victims- Restitution-concept of Restorative justice-need for protection through legislation

References

1. Ahmed Siddique, Criminology-Problems and Perspectives, 2009.
2. Paranjape, Criminology, Penology and Victimology, 2019
3. P.,Madhava Somasundram et.al., Crime Victims and Justice,2008
4. Vernon Fox, Introduction to Criminology, 1985
5. Tappen, Crimes, Justice and Correction,1960
6. Sethna, Society and the Criminal, 1989
7. Sheldon Gluek, Unraveling Juvenile Delinquency,1966
8. Bhattacharya,Prisons.,1958
9. Khatri B.D.,Law of Probation in India, 1988
10. Singh Makkar S.P.,Globo Perspectives in Victimology, 1995
11. N.K.Chakraborti., Institutional Corrections in the Administration of Criminal Justice, 2002
12. G.S.Bajpai & Shriya Gauba.,Victim Justice, 2016

Disaster Management Law

Semester 8	General Elective	(25-272-0805)

Course Objectives

This course is intended to provide an idea about the danger of disasters and the need to manage those issues. It will give an overview about environmental issues and health issues arising from disasters. Further, it also provides an insight about various methods to deal with disasters and its effects and the legal mechanisms available to deal with issues related to disasters.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the impact of man-made and natural disasters on human life, property and environment	Understand
CO2	Evaluate role of law in disaster management	Evaluate
CO3	Equip the students to take lead role to coordinate with authorities in dealing with disasters	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	2	3
CO2	3	2	2	3
CO3	3	1	2	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Content

Module I: Introduction

Disaster - definition - need to widen it - reference to international documents - natural and man-made causes.

Module II: Effects of Disasters

Consequences of disaster-problems-environmental issues–destruction and disruptions in state facilities - scarcity of water, food, houses etc.

Module III: Health Issues

Health issues-eruption of diseases-lack of communicative facilities – disruption of state machinery.

Module IV: Legal Framework and Disasters

Laws response to disasters - machinery for action – authorities constituted - powers and functions of authorities - role of police

Module V: Authorities in India

Co-ordination of central authorities and state authorities – NGO activities and funding mechanisms of government – communication between service providers and service receivers.

References

1. Amita Singh, Disaster Law: Emerging Thresholds, Routledge, 2018
2. S.L. Goel, Disaster Administration: Theory and Practice, Deep & Deep Publications, 2009
3. Kristian Cedervall Lautu, Disaster Law, Routledge, 2015
4. Jack Pinkowski, Disaster Management Handbook, CRC Press, 2008.
5. Andrew E. Collins, et al., Hazards, Risks, and Disasters in Society, Elsevier, 2015
6. Vinod Shankar Mishra, Environment Disasters and the Law, Ashish Publishing House, 1994.

Human Rights Law

Semester 8	General Elective	(25-272-0806)

Course Objectives

The course provides an introduction to human rights philosophy, principles, instruments and institutions. The course introduces the main United Nations Conventions and legislations in India

for protection of human rights. It also gives an overview of contemporary challenges, current issues and debates in human rights.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Gain substantive knowledge of the international law and policy of human rights.	Understand
CO2	Develop analytical skills to appraise human rights instruments, policies and practices.	Analyse
CO3	Examine the contemporary challenges and trends in human rights theory and practice.	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	2
CO2	3	3	3	3
CO3	2	3	2	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Introduction

The concept of Human Right - Theoretical Foundation of Human Rights - Natural Law and Natural Rights- Origin and development- Ancient - Medieval – 17th-20thCentury – Modern Developments- Generations of Human Rights - Civil and Political Rights -Economic, Social and Cultural Rights- third and fourth generation rights

Module II: International Human Rights Documents

UDHR-ICCPR-ICESCR-Optional Protocols - Implementation, enforcement, remedies under international human rights law- International Adjudication- Effectiveness of UN Human Rights System.

Module III : Human Rights in India

Constitutional Values- Implementation of Human Rights in India – Limitations on and derogations from rights–Protection of Human Right Act-Powers of NHRC-Role of judiciary in enforcing Human Rights – Role of NGO's and Human Rights activism in India.

Module IV: Human Rights of Vulnerable Groups

International Human Rights Law on Women's Rights- Refugee Rights-Child Rights- Rights of Differently Abled- Minority and Indigenous People Rights -Sexual Minorities- Legal Framework in India.

Module V: Contemporary Challenges

Contemporary Challenges to Human Rights - Science and Technology-Digital freedom- Terrorism-Business and Human Rights.

References

1. Ilias Bantekas and LotzOette, International Human Rights Law and Practice, Cambridge, 2013.
2. Kerry O'Halloran, Sexual Orientation, Gender Identity and International HumanRights Law, Routledge, 2019
3. Perry and Roda, Human Rights and Digital Economy, Palgrave Macmillan, 2017.
4. Gayatri H. Patel, Women and International Human Rights Law, Routledge, 2019.
5. Jack Donnelly, Universal Human Rights in Theory and Practice, Cornell University Press,2013.
6. Philip Alston and Ryan Goodman, International Human Rights, Oxford,2012.
7. Christian Tomuschat, Human Rights: Between Idealism and Realism, Oxford,2003.
8. Alston,Phillip, The United Nations and HumanRights, ClarendonPress,London,1995.
9. Sutton, The Protection of Vulnerable Groups under International Human Rights Law, Routledge,2017
10. Andrew Clapham, Human Rights Obligations of Non-State Actors, Oxford, 2006.
11. Justice PalokBasu, Law Relating to Protection of Human Rights, Modern Law Publications, 2002.
12. Sircar, V.K., Protection of Human Right in India, Asia Law House2004.
13. Dr K P Saksena, Human Rights and the Constitution, Gyan Publishing House,2003.

Interpretation of Statutes

Semester 8	General Elective	(25-272-0807)

Course Objectives

This course provides an idea about how a legislation can be interpreted in cases of ambiguity. It also enlightens the students about various rules and principles applicable while interpreting a legal provision. Further this course gives an idea about the importance of various tools for interpretation; the special rules applicable to interpretation of Constitution; and the special rules relating to legislative interpretations.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the principles of interpretation of statutes	Understand
CO2	Apply principles of interpretation of statutes in legal practice	Apply
CO3	Apply principles of interpretation of statutes in administration and dispensation of justice	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	2	2
CO2	3	2	3	3
CO3	2	3	2	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Basics of Interpretation**

Meaning of Interpretation - Need for Interpretation – Act – Enactment - Statutes – Ordinances
- Rules, etc.

Module II: Internal Aids to Interpretation

Title–Preamble–Heading–MarginalNote–Section–Sub-section–Punctuation–Illustration
– Exception – Proviso – Explanation - Saving Clause – Schedule

Module III: External Aids to Interpretation

Constituent Assembly Debates for Constitutional Interpretation - Constitution of India - Legislative History: Legislative Intention - Statement of Objects and Reasons - Legislative Debates - Committee Reports, Law Commission Reports

Module IV: Rules of Interpretation

Literal Rule - Golden Rule - Mischief Rule - Legal Fiction - Ejusdem generis - Noscitur a sociis–Reddendo singular singularis– Generalia specialibus non derogant.

Module V: Legislative Interpretations

Presumptions and Assumptions - Jurisdiction - repealing - Constitutionality of statutes - retrospective operation - Equitable construction - strict construction of penal laws - mandatory and directory provisions - Construction of words - maxims.

References

1. N S Bindra's Interpretation of Statutes, Law Book Co,2022
2. G P Singh, Principles of Statutory Interpretation, Lexis Nexis, 2021
3. Kafaltiya A.B, Interpretation of Statutes, Universal Law Publishing Co.,2008
4. D. Neil Ma Cormick, Robert S. Summers, Interpreting Statutes: A Comparative Study, Rotledge,2016.
5. Cameron Hutchison, Fundamentals of Statutory Interpretation, Lexis Nexis Canada,2018.
6. Maxwell on the Interpretation of Statutes, N.M.Tripathi Pvt. Ltd., Bombay,1993
7. F.A.R. Benion, Statutory Interpretation: A Code, Butterworths,2002

Law on Building and Engineering Contracts

Semester 8	General Elective	(25-272-0808)

Course Objectives

With the growth in population and industrial activity, construction activities are on an all-time rise. This calls not merely for qualified technical persons in abundance but also on lawyers with knowledge on how the sector works along with drafting agreements to suit the needs of the industry. The objective of this course is to introduce students to the nuances of building contracts to familiarise them to the notions specific to this sector, the drafting and enforcement of such contracts.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the basic clauses in Engineering and Building Contracts	Understand
CO2	Examine role of stakeholders in Engineering and Building projects	Analyse
CO3	Apply contract law principles to provide remedies for breach of Engineering and Building Contracts	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	1	3	2	2
CO2	3	2	3	1
CO3	2	1	2	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Nature of Building and Engineering Contracts**

General principles of contract law – proposal- acceptance – withdrawal – words and phrases used – Build Operate Transfer contract – Builder – Building scheme – Defect Liability period–Estimate–primecostsum;Tenders–requisites–negotiations–criteriaforfixation of price

Module II: Actors Involved

Architect – Engineer – Quality surveyor – project manager; definitions – qualifications –

duties – powers – limitation of powers – liability towards – employer – contractor and third parties; Subcontracts – relation between contractor, subcontractor and owner- building and other construction workers

Module III: Performance

Specific performance – obligation of employer and contractor – contracts where time is of essence – extension of time – extra – variations – alteration – additions – omissions – approval and certification– price and payment.

Module IV: Defects and Breach

Defect Liability Period–maintenance and defect clause–frustration of contract–novation of contract – waiver and estoppels; breach – anticipatory – theory of damages – standard of proof – calculation of damages – forfeiture – determination – vesting of materials.

Module V: Interpretation

Literal construction – harmonious construction – implied terms – non obstante clause – damages – arbitration clause – power to omit works – proper use of stipulated material – clauses prohibiting award of damages.

References

1. P.C. Markanda, Building and Engineering Contracts: Law & Practice Volume 1 & 2, Lexis Nexis , 2017.
2. G.T.Gajaria, Law Relating to Building and Engineering Contracts in India, Lexis Nexis India, 2000.
3. Donald Keatings, Keating on Construction Contracts, Sweet & Maxwell, 2015.
4. M.A. Sujan, Law Relating to Building Contracts, Universal Law Publishing Co Ltd, 2004
5. W.T. Creswell, Law Relating to Building and Engineering Contracts, Pitman Publishing, 1957
6. Rangawala, Building Construction, Charotar Publishing House Pvt. Ltd., 2016

Law Relating to Agriculture

Semester 8	General Elective	(25-272-0809)

Course Objectives

This course touches upon nearly every aspect of the law that regulates one of the most important and diverse sector of our economy, Agriculture. It aims to familiarise the students with the history of agricultural law in India, the constitutional scheme and offers various characterization of agricultural legislations and policies impacting the industry and farmers rights. Further the course looks at India's commitments in terms of international legal frameworks pertaining to food and agriculture.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand policies for promotion of agriculture	Understand
CO2	Appreciate legal framework for protection of farmers rights	Evaluate
CO3	Examine international legal standards on agriculture	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	2	3	2	2
CO2	2	1	3	2
CO3	1	2	2	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Introduction to Agriculture Law and Policy**

Historical context – Agricultural economy at the time of independence and post-independence – Constitutional Scheme – Five year plans and rural development – New Agricultural Policy – Concept of Sustainable Agriculture

Module II: Regulation of Seed Industry and Plant Variety Rights

Domestic laws applicable to crop seed industry – Supervisory authorities and agencies – Review of Seeds Act 1966 and the Seeds Rules 1968–Seeds (Control) Order 1983–Plant Quarantine (Regulation of Import in to India) Order 2003 – Farmers rights and Breeders rights – Protection of Plant Varieties and Farmers' Rights Act 2001 (PVR Act)

Module III: Agricultural Product Marketing, Safety and Liability

Regulated market system–Agricultural Produce Market Committee (APMC) Act, 2017– Trade policy and export strategy – Food safety standard setting – Food Safety and Standards Act 2006 and FSSAI – Product Liability

Module IV: Agricultural Financing in India

Rural credits and co-operatives in India – The role of NABARD – Informal credit system – Self-help groups – Restructuring of rural financial institutions – Peasants and Dairy co-operatives.

Module V: International Legal Standards on Agriculture

Overview of WTO and Agriculture – UNIDROT and Agriculture – Contract Farming –

Agricultural land investment contracts – International Plant Protection Convention (IPPC)

References

1. Christopher P Rodgers, Agricultural Law, Bloomsbury, 2016
2. Alabrese, M., et al, (eds.) Agricultural Law: Current Issues from a Global Perspective, Springer, 2017
3. Shweta Mohan, Legal regulation of agricultural procurement and processing in India, Satyam Law International, 2013
4. Sukhbir Bhatnagar, Agricultural Law, Mittal publications, 2007
5. M.A Chaudhary and Gautam Chaudhary, WTO and Indian Agriculture, Global Vision Publishing House, 2019

Law Relating to Child

Semester 8	General Elective	(25-272-0810)

Course Objectives

This course aims to provide an insight in to the significance of giving special treatment to the children and to have special legislations to deal with children. This course is also aims to impart knowledge regarding the various UN conventions relating to Children and to analyse the Indian Legislations in comparison with the provisions of the UN convention. The course also gives an insight on the various facets of rights relating to children in the domestic laws and impart knowledge about the special legislations enacted to protect children from sexual offences.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand legal provisions for protection of child rights	Understand
CO2	Evaluate the efficacy of the various provisions the existing gaps in special legislations	Evaluate
CO3	Analyse whether the Indian Legislations are in consonance with the international standards	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	1	3	2	3
CO2	2	2	3	2
CO3	2	3	2	3

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Content

Module I: Evolution of Rights of Child and International laws

Historical development of special treatment for children – concept of childhood –Constitutional Perspective-norms in national law - norms in international law – comparative analysis-Convention on the rights of the child.

Module II:Protection of Child Rights under Civil laws

Rights and immunities of children under municipal law-contract-tort-crime–Personal Laws and child- inheritance - maintenance -adoption and guardianship.

Module III: Child Welfare Legislations

Child labour- prohibition-welfare legislations- Education- Child Marriage Prohibition

Module IV: Juvenile Delinquents and Children in need of Care and Protection

Juvenile Justice Act- Treatment of child in conflict of law- Special mechanisms envisaged under the Juvenile Justice Act - philosophy reflected under-Treatment of child in need of care and protection - provisions relating to adoption – domestic and inter country adoption.

Module V: Special Legislation relating to Sexual Offences and Exploitation

Sexual offences against Children- POCSO- Trafficking of children–Child pornography.

References

1. Mamta Rao, Law Relating to Women and Children, 2018
2. Paras Divan, Children and Legal Protection, 1994
3. Sunil Deshta, Law and Menace of Child Labour, 2004
4. Dalip Chand Manooja, Adoption Law and Practice, 1993
5. R.N. Choudhary, Law Relating to Juvenile Justice in India, 2005.

Women and Criminal Law

Semester 8	General Elective	(25-272-0811)

Course Objectives

The Course throws light on the different areas in which women, as a gender face violence and discrimination. It brings into light the special protection given to women by law with special emphasis on Criminal Law. It deals with different forms of crimes perpetrated against women and the response of criminal law to it. The course intends to throw light not only on the women as a victim but as well as an accused / detenue, hence adopts a multi facet approach.

Course Outcomes (COs)	Bloom's Taxonomy Level
After completion of the course, the student will be able to:	

CO1	Examine the different forms of gender-based violence against women and the sufficiency of the response of criminal law	Analyse
CO2	Understand legal provisions for protection of women's rights	Understand
CO3	Engage in legal practice for protection of women's rights	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	3	2
CO2	3	2	3	2
CO3	3	2	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I : Protection of Women against Crime**

National and International Perspectives- Special Protection for women- Constitutional Perspective- International Dimensions- Obligations to make Special Provisions-Feminist Movements-Contributions of NGOs at National and International Level.

Module II- Offences against Women and Girl Child

Prevention of Female Foeticide –Checks on Pre-Natal Diagnostic Techniques –International and National Perspectives-Women Rights in Relation to Offences of Miscarriage-Cruelty against Women-IPC Provisions

Module III : Response of Law to crimes against Women

Crimes Against Women-Special Provisions-Offences of Rape-Adultery-Prostitution-Trafficking- Assault- Kidnapping – Abduction- Dowry Death – Sati- Indecent Representation of Women- Obscenity- Cyber Crimes

Module IV: Women in Criminal Trials

Special Provisions in Trial of Offences involving Women-Women as Accused – female criminality - Arrest and Detention- in Camera Proceedings-Role of Court- Shifting of Burden of Proof.

Module V: Women as Victim in Crimes

Compensation for Women Victims of Crime- Special Provisions in relation to Domestic Violence – Right to Maintenance-Special Protection of Women in Prison

References

1. Mamta Rao, Law Relating to Women and Children, Eastern Book Company, 2008
2. Paras Divan, Women and Legal Protection, South Asia Books, 1994
3. N. Jayapalan, Women and Human Rights, Atlantic, 2001
4. G.B. Reddy, Women and the Law, Gogia Law Agency, 2014

5. Paras Diwan & Piyush Diwan, Law Relating to Dowry, Death, Bride Burning, Rape and Related Offences. Universal Law Publishing Ltd, 2004

VIIIth Semester -Special Electives (Any two)

1	Securities Law
2	Information Technology Law
3	Banking Law
4	Law of Carriages
5	Foreign Trade Law
6	Law on Corporate Finance

Securities Law

Semester 8	Special Elective	(25-272-0812)

Course Objectives

The primary objective of the course is to identify different kinds of ‘securities’ and examine the features of different kinds of securities. It enumerates the functioning of securities market. It analyses the role of regulators in securities market and securities market intermediaries. It helps the students in understanding the role and functioning of stock exchanges. It introduces various kinds of alternate investment funds available in the market.

Course Outcomes (COs)		Bloom’s Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand about securities market and its importance	Understand
CO2	Analyse the law governing securities market	Analyse
CO3	Determine legal compliances to be satisfied for issue of securities	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	2	2	3	2
CO2	3	3	3	2
CO3	3	2	3	1

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Introduction to Securities Law

Meaning of ‘securities’ - Kinds of securities - Shares and debentures - Hybrid securities - Government securities-Depository Receipts- Need for securities market regulation- Securities Market and Economic growth-Securities market reforms- International organization of securities commissions (IOSCO)

Module II: Securities Market

Securities markets regulation- Jurisdiction, powers and functions of SEBI- Control over stock exchanges- Primary market-secondary market-Governance of stock exchanges- Corporatization and demutualization of Stock exchanges- Depositories– dematerialisation- Stock Exchanges in International Financial Service Centres.

Module III: Role of Market Intermediaries

Securities market intermediaries- Regulatory controls- Stock exchanges- merchant bankers- credit rating agencies – Underwriters -share transfer agents-Clearing corporations, Credit Rating agencies-Self-regulatory organizations (SRO).

Module IV: Trading in Securities

Sale and Purchase of securities-Investor Protection- Role of SEBI- Redressal of grievances- Prohibition of fraudulent trade practices–Market manipulation-Insider Trading.

Module V: Alternate Investment Funds

Mutual funds, venture capital funds, angel funds, collective investment schemes-Hedge Funds-Real Estate Investment funds-Private Equity.

References

1. Taxmanns, Securities Laws & Capital Markets, 2019.
2. Timothy Spangler, Law of Private Investment Funds, Oxford, 2018.
3. Raghvendra K. Singh and Shailendra K. Singh, Law and Regulation of Public Offering of Corporate Securities, Oxford, 2016.
4. Kondaiah Jonnalagadda, Securities Law, Lexis Nexis, 2015.
5. Sumit Agrawal& Robin Baby, SEBI Act- A Legal Commentary, Taxmann, 2011.
6. Niamh Moloney, Oxford Handbook of Financial Regulation, OUP,2014
7. Nicholas L. Georgakopoulos, The Logic of Securities Law, Cambridge, 2017.
8. Cumming &Johan, Venture Capital and Private Equity Contracting, Elsevier,2013
9. Henry Conac &Gelter, Global Securities Litigation and Enforcement, Cambridge, 2019.
10. Jonathan Fisher, Law on Investor Protection, Sweet and Maxwell,2003
11. Ajay Goel, Capital Markets and Securities Laws, Bharat Law House,2015.
12. Neha Bhuwania, Guide to Private Equity, Taxmann, 2014.

Information Technology Law

Semester 8	Special Elective	(25-272-0813)

Course Objectives

The objective of this course is to provide an idea about the cyber laws in India as well as other countries. It enlightens the students about the law relating to e –commerce and various nuances involved in it. The course also provides an idea about various types of cybercrimes and the law relating to it; digital signatures and electronic signatures as well as enforcement issues in cyber space.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Get insights about cyberspace and rights of individuals in cyberspace	Understand
CO2	Analyse legal framework governing cyberspace	Analyse
CO3	Identify legal issues involved in cyberspace and suggest legal remedies	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	3	3
CO2	3	2	3	2
CO3	3	2	3	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Information Technology and Law**

Computers and its Impact in Society - Overview of Computer and Web Technology - Need for Cyber Law - Cyber Jurisprudence at International and Indian Level -International Perspectives - UN and International Telecommunication Union (ITU) Initiatives - Council of Europe - Budapest Convention on Cybercrime - Asia-Pacific Economic Cooperation (APEC)- Organization for Economic Co-operation and Development (OECD)- World Bank - Commonwealth of Nations

Module II: Constitutional and Human Rights Issues in Cyberspace

Freedom of Speech and Expression in Cyberspace - Right to Access Cyberspace – Access to Internet - Right to Privacy - Right to Data Protection- Blockchain, Cyber security, Artificial Intelligence.

Module III: Cyber Crimes and Legal Framework

Cyber Crimes against Individuals, Institution and State - Hacking - Digital Forgery - Cyber Stalking/Harassment - Cyber Pornography - Identity Theft and Fraud - Cyber terrorism - Cyber Defamation -Different offences under IT Act - Relevancy of Admissibility of Computer Evidence - Cyber Forensics.

Module IV: Cyber Torts and IPR issues

Cyber Defamation - Different Types of Civil Wrongs under the IT Act- Interface with Copyright Law
- Interface with Patent Law - Trademarks and Domain Names Related issues

Module V: E Commerce and Dispute Resolution

Concept - E-commerce-Salient Features - Online approaches like B2B, B2C and C2C - Online contracts - Click Wrap Contracts – I T Act- Applicability of Indian Contract Act- Concept of Jurisdiction - Indian Context of Jurisdiction and IT Act- International Law and Jurisdictional Issues in Cyberspace- Dispute Resolutions

References

1. Chris Reed & John Angel, Computer Law, OUP, New York, 1990
2. Justice Yatindra Singh, Cyber Laws, Universal Law Publishing Co, New Delhi, 2016
3. Hannibal Travis, Cyberspace Law: Censorship and Regulation of the Internet, Routledge, 2013
4. Talat Fathima, Cyber Law in India, Wolters Kluwer, 2017
5. Harish Chander, Cyber Laws and It Protection, PHI Learning Publications, 2012
6. Vakul Sharma, Cyber Law and Practice, Universal Publishing Co., 2011
7. Pavan Duggal, Cyber Law 3.0, Lexis Nexis, 2018
8. Apar Gupta, Commentary of IT Act, Lexis Nexis, 2011

Banking Law

Semester 8	Special Elective	(25-272-0814)

Course Objectives

This course aims to foster a comprehensive understanding of banking law, emphasizing its practical application in regulatory compliance and operational contexts. Students will refine analytical and critical thinking abilities through the evaluation of intricate issues concerning banking regulations, customer relationships, and technological advancements. Additionally, the course aims to cultivate research proficiency essential for investigating and comprehending banking laws, regulatory frameworks, and relevant judicial precedents impacting the Indian banking sector.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the functioning of banks	Understand
CO2	Analyze the regulatory framework governing banking operations and	Analyse

CO3	Explain control mechanisms imposed by the Reserve Bank of India.	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	2	2
CO2	3	3	2	2
CO3	3	3	2	2

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Contents**Module I: Introduction to Banking**

Definition of 'Banker' – Common law and statutory law – Functions of banks –Types of Banks- Commercial Banks, Public sector Banks, Private Banks, Regional Rural Banks, Co-operative Banks-Multifunctional banks - Core banking, Merchant banking -Investment banking – International banking.

Module II: Central Bank

Functions of Central Banks – Reserve Bank as Central Bank – Supervision over commercial banks – Licensing of banks and its renewal – Branch licensing – permitted functions -Control over Capital -Control over management- Account and audit of banks– Amalgamation, reconstruction , acquisition of undertakings, liquidation of banks – Control over banking operations-SLR, CRR.

Module III: Banker-Customer Relationship

Nature of Relationship and Liability- Banker as debtor, trustee, agent, bailee, mortgagee-Special Banking Services-Duty of confidentiality – Accounts of customers - deposits - joint accounts - trust accounts – Special type of customers- Payment of customers' cheques-Negotiation and Liability - Protection of paying and collecting banker- Bankers liability for deficiency in service.

Module IV: Lending by Banks

Principles of good lending - Security for loans - Contractual security - Immovable property and intangible property as security- Recovery of debts – RDDBFI-SARFAESI-Constitutional principles.

Module V: E-Banking

Internet and Mobile banking- E- Banking- Laws relating to Digital money- Credit Cards- Regulation- Protection of Consumers of e-banking services- RBI regulations for digital transactions.

References

1. Ross Cranston, Principles of Banking Law, Oxford, 2020.
2. Kern Alexander, Principles of Banking Regulation, Cambridge, 2019.
3. M.L. Tannan, Banking Law and Practice in India, LexisNexis, 2014.
4. Lord Chorley, Law of Banking, Sweet & Maxwell, 1974.
5. R. N.Chaudhary, Banking Laws, Central Law Publications, 2016.
6. Avtar Singh, Banking & Negotiable Instruments, EBC, 2018.
7. R.K. Bangia, Banking Law & Negotiable Instruments, Allahabad Law Agency, 2015.
8. Morrison, Investment Banking, Oxford, 2008.
9. D P Gupta, Modern Banking in India, Asian Books, 2013.
10. R K Uppal, e-Banking-The Indian Experience, Bharti Publications, 2017.

Law of Carriages

Semester 8	Special Elective	(25-272-0815)

Course Objectives

This course aims to develop a comprehensive understanding of transportation law principles, legal doctrines, and their application in regulating various modes of carriage of goods. Students will enhance their analytical and critical thinking skills by evaluating complex issues concerning the liability of carriers, international conventions, and multimodal transportation. Additionally, the course seeks to cultivate research skills essential for exploring and understanding transportation laws, comparative legal frameworks, judicial precedents, and legislative developments.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understanding principles of transportation law	Understand
CO2	Analyze the legal frameworks governing carriage of goods by land, air and sea	Analyse
CO3	Explain law governing multimodal transportation of goods	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	2	3
CO2	1	2	2	2
CO3	3	3	2	2

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Contents**Module I: Overview of Transportation Law**

Contract of transportation – Definition of Parties – Concept of Common Carrier — Public Carriers – Distinction with Private Carriers – Liability of carriers under Common Law – Exemption from liability.

Module II: Carriage of goods by Land

The Carriage by Road Act and Rules – The Railways Act – Convention on the Contract for the International Carriage of Goods by Road (CMR) 1956 – Consignment Note – Waybill – Liability of Railway Company for loss of goods

Module III: Carriage of Goods by Air

Warsaw Convention 1929 – The Hague Protocol, 1955 – Montreal Convention 1999 – Carriage by Air Act– Compulsory documents of carriage – Airway Bill – Liability of airlines – Limitation of liability.

Module IV: Carriage of Goods by Sea

Affreightment contracts – Charter party and bill of lading – The Hague – Visby – Hamburg and Rotterdam Rules – Indian Bills of Lading Act – Carriage of Goods by Sea Act

Module V: Multimodal Transportation and Dispute Resolution

Definition of Multimodal Transportation – Multimodal Transportation of Goods Act– Dispute resolution Provisions under the Commercial Courts, Commercial Division and Commercial Appellate Division of High Courts Act

References

1. Avatar Singh, Law of Carriages, Eastern Book Co. 2015
2. Hardy Ivamy, Introduction to Carriage of goods by Sea, Sweet & Maxwell, 2003.
3. Scrutton, Bills of Lading and Charter Parties, Stevenson and Sons, 2007
4. Ridley, Law of the Carriage of Goods by Land, Sea and Air, Sweet & Maxwell, 2010

5. Marian Hoeks, Multimodal Transport Law: The Law Applicable to the Multimodal Contract for the Carriage of Goods, Aviation Law and Policy Series - Kluwer Law International 2010
6. Dr. K. V. Hariharan, Laws of Carriage of Goods by Sea & Multimodal Transport in India,
7. Shroff Pub. 2000
8. ShubhamSinha, Railway Laws of India, Create Space Independent Pub. 2016

Foreign Trade Law

Semester 8	Special Elective	(25-272-0816)

Course Objectives

This course aims to cultivate a comprehensive understanding of international trade law principles, legal doctrines, and their application in regulating cross-border commercial transactions. Students will enhance their analytical and critical thinking skills by evaluating intricate issues concerning international commercial contracts, carriage of goods, payment mechanisms, and dispute resolution in foreign trade. Additionally, the course seeks to develop research proficiency essential for exploring and comprehending international trade laws, comparative legal frameworks, judicial precedents, and legislative developments.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Demonstrate a comprehensive understanding of international commercial contracts and sales.	Understand
CO2	Analyze the legal frameworks governing the carriage of goods in export trade,	Analyse
CO3	Explain the mechanisms for dispute resolution in foreign trade	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	2	2
CO2	3	3	2	2
CO3	3	3	2	2

1-Low Correlation**2-Medium Correlation****3-High Correlation**

Course Contents

Module I: International Commercial Contracts and Sales

Types of International Contracts – Standard Trade Terms (CIF, FOB, FAS) – Rights Liabilities of parties to Contracts – UNIDROIT Principles of International Commercial Contracts – Convention on International Sale of Goods – INCOTERMS

Module II: Carriage of Goods in Export Trade

Carriage of Goods by Sea – Bills of lading and Charter Parties – Rights and Liabilities of the Parties to Contract of Carriage – Hague Rules – Hague-Visby Rules – Hamburg Rules – Carriage by Air and Land – Multimodal Transport Law – Marine Insurance

Module III: Payments and Financing in Export Trade

Bills of Exchange – Law Relating to Bills of Exchange – Commercial Credit in International Trade – Letter of Credit – Types and the Law Relating to Commercial Credit

Module IV: Dispute Resolution in Foreign Trade

International Commercial Arbitration – UNCITRAL Model Law – National laws and the Role of Courts – Recognition and Enforcement of Arbitral Awards – Maritime Arbitration

Module V: Indian Law on Foreign Trade

Constitutional scheme – Regulatory aspects – Exim Policy – Customs Act – Foreign Trade (Development and Regulation) Act – Foreign Exchange Management Act – Export Credit Guarantee Corporation Act – Export Promotion Council

References

1. Indira Carr and Peter Stone, International Trade Law, Routledge, 2017
2. Jason Chuah, Law of International Trade, Sweet & Maxwell, 2019
3. John Mo, International Commercial Law, Lexis Nexis Butterworth, 2016
4. Justice Indu Malhotra, Commentary on the Law of Arbitration, Wolters Kluwer, 2020
5. Abhishek Rastogi, Handbook on Foreign Trade Policy 2015-2020, EBC, 2020

Law of Corporate Finance

Semester 8	Special Elective	(25-272-0817)

Course Objectives

This course aims to foster a comprehensive understanding of corporate finance principles, legal doctrines, and their application in capital raising and financial management. Students will enhance analytical and critical thinking skills by evaluating complex issues concerning securities issuance, regulatory compliance, corporate governance, and financial risk management.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understanding the objectives of regulating corporate financing	Understand
CO2	Analyze the legal framework governing the issue of securities	Analyse
CO3	Evaluate the investor protection measures	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	2	3
CO2	2	3	2	2
CO3	3	1	2	3

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Contents**Module I: Introduction to Corporate Finance**

Objectives of corporate finance – Instruments for raising finance -Issue of securities- acceptance of deposits-Factoring-Leasing and Hire-purchase- Leveraging- Debt-equity Ratio.

Module II: Public Issue of Shares

Public Issue of shares- Prospectus-Listing requirements-Materiality of disclosure-Eligibility conditions for Issuers- Minimum Public Shareholding-Reservation in public issue- Promoters Contribution and Lock in-Pricing of Securities- - Crowd funding.

Module III: Other Kinds of Share Issue

Regulatory Controls over other kinds of issue – Right issue – Bonus Issue– Preferential issue- Issue of Depository Receipts- Private placement - Qualified Institutional Placement- Institutional Investors.

Module IV: Issue of Debt Securities

Listing requirements - Functions of debenture trustee-Creation and registration of charges - Doctrine of Capital Maintenance- Creditor protection- Law governing acceptance of deposits by companies -Deposit Insurance.

Module V: Alternate Investment Funds

Kinds of Alternate Investment funds- Private Equity-Venture Funds-SME Funds- Social Venture Funds- Real Estate Fund-Investment Conditions and Restrictions- Crowd Funding.

References

1. Niamh Moloney, Oxford Handbook of Financial Regulation, OUP, 2014.
 2. Veluvali and Parimala, Retail Investor in Focus, Springer, 2019.
 3. Ellis Ferran, Principles of Corporate Finance Law, Oxford, 2014.
 4. William Klein, Business Organisation and Finance: Legal and Economic Principles, Foundation Press, 2010
 5. NehaBhuwania, Guide to Private Equity, Taxmann, 2014.
 6. Donald H. Chew, Studies in International Corporate Financial System, Oxford 1997.
 7. EillisFerran, Company Law and Corporate Finance, Oxford, 1999.
 8. Frank.B. Cross & Robert A. Prentice- Law and Corporate Finance, Edward Elgar Publishing Limited-U.K, 2007.
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IXth Semester BBA LLB

1	Mediation, Conciliation and Arbitration
2	General Elective 3
3	General Elective 4
4	Special Elective 3
5	Special Elective 4
6	Special Elective 5

1. Mediation, Conciliation and Arbitration

Semester 9	Course 1	(25-272-0901)

Course Objectives

Owing to the many drawbacks of the mainstream judicial dispute settlement, the understanding of alternative dispute resolution (ADR) is a necessity for any modern lawyer. Today, students of law must be equipped with the theoretical and practical knowledge of specialised mechanisms of dispute resolution which are both time and cost effective, and aids the disputing parties to reach settle the differences. The course, thus, explores the concept of alternative dispute resolution and the various established ADR mechanisms with an emphasis on Mediation. The course aims to provide training in practical skills apart from theory.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Acquire the skills of settling a dispute at the pre-trial stage	Apply
CO2	Evaluate the procedures of dispute settlement outside formal court system	Evaluate
CO3	Draft agreements for mediation including settlement agreements	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	3
CO2	2	2	3	3
CO3	2	2	3	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course contents

Module I : Introduction to Alternative Dispute Resolution

Understanding Conflict and Disputes – Modes of Dispute Resolution – Advantages of ADR – Different forms of ADR – Legal framework in India

Module II : Importance of Mediation and Key Concepts

Theory of restorative Justice and Traditional Mediation Practice – New approaches to mediation – Essential elements and processes – Role of the mediator

Module III : Settlement agreements and mediation laws in India

Decision making techniques - Drafting of agreements - sanctity of mediated agreements - enforcement laws and procedures.

Module IV : Important Developments in Mediation

Growth of virtual dispute resolution – Commercial mediation - UNCITRAL Model Law – Singapore Convention on Mediation.

Module V : Conciliation and Arbitration

Meaning of conciliation – conduct of proceedings – settlement agreement – relation to arbitral and judicial proceeding; Arbitration – meaning of – difference with other kinds of mechanisms – Arbitration agreement – Tribunal - Award

Evaluation Pattern

Practical sessions should comprise around 50% of the total allotted teaching hours of this paper.

Evaluation Scheme

- a) Simulation activities within class room and maintaining its records- 30 marks,
- b) Live observation of procedures and recording the same- 30 marks
- c) Internal examination – 20 marks
- d) Viva-voce examination- 15 marks
- e) Attendance- 5 marks,

The viva-voce shall be conducted by a panel of internal and external expert.

References

1. O.P. Malothra, The Law and Practice of Arbitration & Conciliation, Lexis Nexis, 2014
2. P.C. Rao & William Sheffield, ed., Alternative Disputes Resolution- What it is and how it works? Universal Law Publishing, 2015
3. Shashank Garg, Alternative Dispute Resolution: The Indian Perspective, Oxford University Press 2018
4. Christopher Moore, The Mediation Process: Practical Strategies for Resolving Conflict, Wiley 2003

5. Roger Fisher, William Ury and Bruce Patton, Getting to Yes: Negotiating Agreement Without Giving In, Penguin, 2011
6. Sriram Panchu, Mediation Practice & Law: The Path to Successful Dispute Resolution, Lexis Nexis, 2011
7. Joel Lee and Teh Hwee Hwee, An Asian Perspective on Mediation, Singapore Academy of Law, 2009

General Electives for IX Semester BBA LLB (Any Two)

1	Animal Protection Laws
2	Intellectual Property Laws
3	Forensic Science and Medical Jurisprudence
4	Healthcare Law
5	Law of Local Self Government
6	Law of the Sea
7	Law, Poverty and Development
8	Law and Medicine
9	Human Rights & Criminal Justice Administration

Animal Protection Laws

Semester 9	General Elective	(25-272-0902)

Course Objectives

The course intends to discuss fundamental questions such as relationship between man and animal, role of culture and belief in protection and exploitation of animals and the status of animals as property. It introduces the students to the broad range of laws that deals with companion animals, farm animals, animals used for entertainment and animals used for scientific experimentation.

Course Outcomes (COs)	Bloom's Taxonomy Level
After completion of the course, the student will be able to:	

CO1	Appreciate the legal debates on relationship between man and animal.	Evaluate
CO2	Understand the cultural, economic and legal context of animal use and exploitation	Understand
CO3	Analyse various laws dealing with protection of animals and their welfare.	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	2	3
CO2	3	2	3	3
CO3	3	2	3	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Introduction**

Animals- moral status- Different approaches- philosophic, religious scientific and historical- man and his relationship with animals-Humanism and compassion to animals- Position of animals in nature- *ferae naturae* and *ferae mansuatae naturae*- Kind of protection needed for animals.

Module II: Wild Life Protection

Laws on Wildlife Protection- Ownership of wild life- Public trust doctrine-First man who possess it- Wild life protection legislations in India- National and international legal framework on wild life protection- Critical wildlife habitat under Forest Rights Act- Symbiotic relationship between wildlife and tribal people – human-wildlife conflict.

Module III: Law Relating to Work Animals

Domestication- Farm animals-Use of animals for entertainment- Laws relating to zoo- Use of animals for agricultural purposes- Cruelty towards animals– Law on prohibition of cow slaughter- Street animals- Elimination of dangerous and wandering animals - judicial responses- Domestication and use of elephants in Kerala- Law relating to Pets.

Module IV: Law Relating to Experimentation in Animals

Use of animals in scientific research-International and National framework - regulating animal experimentation- Policies and guidelines.

Module V: Ecosystem and Animal Conservation

Ecological awareness and new approach to animal rights- Ecosystem and its conservation- relevance of wildlife and animal conservation- Laws and judicial perspectives - Animal Welfare Board- Constitution and purposes – cruelty against animals – protection of endangered species.

References

1. Carr and Broom, Tourism and Animal Welfare, CABI, 2018.

2. Favre, David S, Animal Law: Welfare, Interests and Rights, Wolters Kluwer, 2011.
3. P. Leelakrishnan, Environmental Law in India , Lexis Nexis, 2016.
4. Sustein, Cass, Animal Rights: Current Debates and New Directions, Oxford, 2004.
5. Simon Brooman, Debbie Legge, Law Relating to Animals, Routledge, 1997.
6. Maneka Gandhi, Ozair Hussain et al, Animal Laws of India, 2004.
7. Tom Regan, The Case for Animal Rights, California Press, 1983
8. Vipin Dayal, Animal Laws in India.
9. Majumdar, Environment and Wildlife Laws in India, Lexis Nexis, 2013.
10. Shyam Diwan & Armin Rosencranz, Environmental Law & Policy in India, Oxford, 2002.
11. Gary Francione, Animals, Property and the Law, Temple University Press, 1995.
12. Satish C. Sastri, Environmental Law, EBC, 2015

Intellectual Property Laws

Semester 9	General Elective	(25-272-0903)

Course Objectives

With the tremendous growth in technology and communication devices, information and related products have become the most valuable assets. The objective of this course is to identify what elements of such information and newly created products can be protected under law. This course also identifies the different kinds of intellectual properties that are protectable under the Indian law, what subject matter is protected under the different kind of IP, who can own these kinds of properties and what their rights are. More importantly the course will help students appreciate how the rights of public are balanced against this private right.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the nuances of IP legislations and its protection	Understand
CO2	Appreciate the need and technique of protection of public interest	Evaluate
CO3	Create and acquire different forms of IP	Create

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	2	2
CO2	2	3	3	3
CO3	3	2	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Overview of Intellectual Property

Concept of Intellectual Property – its relation vis-à-vis property – rationale of its protection policy considerations – social, economic and political dimensions of IP – its role in industrial and other developments

Module II: Copyright

History and evolution – standard of ‘originality’ – ‘works’ that are protected – duration of protection– procedure for registration – meaning of copyright – assignment and licensing of rights – infringement–permitted uses of copyrighted works and its significance – remedies against infringement; Neighbouring rights – Performers rights – rights of Broadcasting organisations; International IP norms – Berne Convention – TRIPS – TRIPS Plus

Module III: Patent

History and evolution – meaning of inventions– standards of novelty, inventive step and utility – category of patentable inventions –procedure for registration and duration of protection –rights – assignment and licensing of rights – infringement – permitted uses and its significance– remedies against infringement; International IP norms – Paris Convention– TRIPS – PCT.

Module IV: Trademarks

History and evolution – meaning of mark – concept of distinctiveness and deceptive similarity–prohibition of registration of marks–procedure for registration and duration of protection–rights–assignment and licensing of rights–infringement–permitted uses and its significance – remedies against infringement; protection of well-known marks – certification marks–collective marks; remedy of passing off; International IP norms–Paris Convention – TRIPS – Madrid System

Module V: Others Forms of IP

Industrial design, geographical indication, new varieties of plants, semiconductor integrated circuits, trade secrets, protection of domain names, traditional knowledge, traditional cultural expressions – their history and evolution – standards of protection – subject matter rights–infringement of rights and its remedies; International IP norms–Paris Convention TRIPS – Hague System

References

1. W. R. Cornish, Intellectual Property: Patents, Copyrights, Trademarks and Allied Rights, Sweet and Maxwell, 2019
2. Siva Vidhyathan, Intellectual Property: A Very Short Understanding, Oxford University Press, 2017
3. Elizabeth Varkey, Intellectual Property, Eastern Book Company, 2015
4. V. K. Ahuja, Law Relating to Intellectual Property Rights, LexisNexis, 2017
5. Dr. B.L. Wadehra, Relating to Intellectual Property, Universal Law Publishing Company, 2018
6. Dr. Mathew Thomas, Understanding Intellectual Property, Eastern Book Company, 2016
7. Dr. B.L. Wadehra, Relating to Intellectual Property, Universal Law Publishing Company, 2012

8. K.D. Raju, The Intellectual Property Rights & Competition Law - A Comparative Analysis, Eastern Law House, 2015
9. S.B. Verma, Intellectual Property Rights, Mittal Publication, 2013
10. P. Narayanan, Intellectual Property Law, Jain Book Depot, 2015

Forensic Science and Medical Jurisprudence

Semester 9	General Elective	(25-272-0904)

Course Objectives

The course aims at giving the students the use of science as evidence in the courts of Law for proving the commission of crimes. It aims at giving the students the complete account of how science can help to prove commission of crime beyond doubt. The course is also aimed to find out how these evidences are accepted by courts in India.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand how scientific evidence can be used in crime detection	Understand
CO2	Appreciate advancements in field of forensic science	Evaluate
CO3	Apply principles of evidence in forensics	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	2	3
CO2	2	2	2	3
CO3	3	2	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Origin and Development of Forensic Science**

Forensic science - origin and development - importance of forensic science in criminal investigation- Anthropology-Odontology-Pathology & Biology-Psychiatry & Behavioural Science-Toxicology.

Module II: Documents

Scientific examination of documents- signatures and handwritings- Digital Forensics- Forensic ballistics- finger printing/DNA printing - blood and body fluids-hair- rights of the accused

Module III: Modern scientific advancements

Brain finger printing – Narco –analysis-polygraph-rights of the accused- evidentiary value -expert opinion.

Module IV: Medical jurisprudence in criminal trials

Medical jurisprudence - definitions, origin and development -importance and relevance in criminal trials.

Module V: Basic Principles and evidentiary value

Basic principles and rules on evidentiary value of conclusions of medical personnel - medical jurisprudence in India and the courts.

References

1. Subramanyam, Medical Jurisprudence, Forensic Medicine and Toxicology 2019
2. Krishnan Vij, Forensic Medicine and Toxicology, 2018
3. A. Keith Mant, Principles & Practice of Medical Toxicology Jurisprudence 1984
4. Suzane Bell, Forensic Science an introduction to investigative techniques, CRC Press, 2019.
5. Helen Whitwell, Mason's, Forensic Medicine for Lawyers, Bloomsbury Academics, 2015
6. J.P. Modi, Medical Jurisprudence and Toxicology for India, Butterworth Publications, 2017
7. Jay A. Siegel, Forensic Science the Basics, CRC Press, 2006
8. Alfred Swaine Tailor, A Manual of Medical Jurisprudence, 1879
9. Lisa Yount, Forensic Science form fibers to fingerprints, Chelsea House, 2007

Health Care Law

Semester 9	General Elective	(25-272-0905)

Course Objectives

The course is intended to give the students an overall picture about the laws relating to healthcare in the national and international level. The course is also aimed at giving the civil and criminal consequences of acts that affect healthcare.

Course Outcome

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand laws governing health care	Understand
CO2	Engage in legal practice involving medico-legal cases	Apply
CO3	Analyse law regulating health care institutions and health professionals	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	2	3
CO2	3	2	3	2
CO3	3	2	3	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Health – Basic understandings**

Meaning and concept- Distinction between health and disease-Development of health care in India-Pre British, British and post British period- health care systems-Allopathic and Indian System of Medicines- professional ethics - regulation of medical education

Module II: Right to Health Care Services

Concept of right to health- International obligations of state - Constitutional provisions - judicial approach -Common law - medical ethics - patient rights - consent for treatment - right to medical records

Module III: Liability for Professional Negligence

Nature of doctor- patient relationship-Tort of negligence and trespass-standard of care-Liability under consumer law–liability under criminal law

Module IV: Regulation of Institutions

Medical and para medical institutions – other medical institutions - corporate position. Registration of medical professionals –clinical establishment legislations-regulatory authorities- violence against healthcare institutions -functions of Medical Council, Dental Council, Pharmacy Council, Nursing Council - registration under different system of medicines - Regulation of manufacture and storage of medicine - sale - advertisement-Drugs and Cosmetics Act, and rules- drug price control orders.

Module V: Ethical Issues in Health Sector

Special provisions relating to mental healthcare-shift in the Mental Healthcare Act-International Human Rights norms– Bio-ethics-transplantation of human organs-pre-natal diagnostic techniques - AIDS control - medical termination of pregnancy and euthanasia. - Medical waste disposal- disputes relating to medical insurance.

References

1. Joel B. Teitelbaum and Sara E. Wilensky, Essentials of Health Policy and Law Jones & Bartlett Learning, 2017
2. Dr. Sairam Bhat, Healthcare in India: An Introduction to Law and Legal System, Bloomsbury India, 2016
3. Barry Furrow, et.al., Health Law: Cases, Materials and Problems, Abridged (American Casebook Series), West Academic Publishing, 2018
4. Dean Harris, Contemporary Issues in Healthcare Law and Ethics, Health Administration Press, 2014
5. Anita Sikand Bakshi, Hippocratic Oath or Hypocrisy?: Doctors at Crossroads, SAGE Publications Pvt. Ltd, 2018
6. Vijay Malik (Ed.), Law Relating to Drugs and Cosmetics, Eastern Book Co. 2018.

7. S.K.Verma (ed.), Legal Framework for HealthCare in India, LexisNexis, 2002
8. George P. Smith, Human Rights and Biomedicine, Springer, 2000
9. William Roach, Medical Records and the Law, AHIMA, 1985
10. Richardson, Doctor Lawyer and the Courts, Anderson Co., 1965
11. Shaun D. Pattison, Law and Medical Ethics, Sweet & Maxwell, 2017
12. Jonathan Herring, Medical Law and Ethics, Oxford University Press, 2018
13. Tapas Kumar Koley, Medical Negligence and the Law in India: Duties, Responsibilities, Rights, Oxford University Press, 2010

Law of Local Self Government

Semester 9	General Elective	(25-272-0906)

Course Objectives

The course provides an understanding on the operation of the democratic process at the grass root level in India. It gives an understanding as to how the Panchayati Raj System has evolved and how governmental power devolves and operates through these institutions.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the process of decision making at local self-government level	Understand
CO2	Appreciate functioning of decentralized democratic system	Evaluate
CO3	Analyse of the policies and programs initiated by the institutions for promoting community welfare	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	2	2	2	2
CO2	3	2	3	3
CO3	2	3	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Basic Understandings on Democratic Decentralization**

Local Government system in the legal structure - powers and functions – governmental and judicial control over local government

Module II Development of Panchayati Raj Institutions in India:

Evolution of Panchayati Raj System in India - a historical perspective –village panchayats in ancient India-Gandhiji's ideas on village panchayat as unit of self-government-Response of the Constituent Assembly towards the Gandhian idea - The nature, scope and spirit of Art. 40 of the Constitution.

Module III : Constitutional Position of Panchayati Raj Institutions

Development of Panchayati Raj institutions in the post Constitution period - Experiments in democratic decentralisation - Reports of Balwant Rai Mehta Committee, Ashok Mehta Committee etc. Emergence of Panchayati Raj with Constitutional system - 73rd Constitutional Amendment - its implications and consequential developments.

Module IV: Functioning of Panchayati Raj Institutions

Powers and functions of the various Panchayati Raj institutions-financial powers-finance commission - tax collection – welfare activities - Governmental and Judicial control over Panchayati Raj institutions- Local Self Government Ombudsman

Module V: Institutions of Local Self Government in the State of Kerala

The Kerala Panchayati Raj Act- the structure of Panchayati Raj institutions at various levels-their composition-election of office bearers-meetings of the various bodies.

References

- 1 Venkata Rangaiya (Ed.), Local Government in India, Allied Publishers, 1969
- 2 William A. Robson, Local Government in Crisis, Allen & Unwin, 1968
- 3 Radhakumud Mookerjee, Local Government in Ancient India, Nabu Press, 2012
- 4 IIPA, Proposal for Model Legislation for Municipal Corporations
- 5 K Padmanabhan Nair et. al, Panchayath Laws in Kerala, Swamy Law House, 2017
- 6 Dr.S.R Myneni, Local Self Government, Allahabad Law Agency, 2016
- 7 Rahul Mudgal , Local Self-Government in India, Book Enclave, 1998

Law of the Sea

Semester 9	General Elective	(25-272-0907)

Course Objectives

The course throws light on the governance regime established by both customary international law and UNCLOS framework in various maritime zones and international waters. The course will also draw attention to the management and conservation of living resources, the protection and preservation of marine environment and the dispute settlement mechanism of law of the sea. Knowledge of the jurisprudence of the international courts and tribunals would play a significant role in the clarification of the International scheme pertaining to emerging issues of law of the Sea.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand law governing sea under UNCLOS regime	Understand
CO2	Examine rights, duties and liabilities of nation states with respect to sea	Evaluate
CO3	Examine legal framework for protection of fisheries and other ocean resources	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	2
CO2	3	3	3	2
CO3	3	3	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Introduction to Law of the Sea**

International Law of the Sea- Historical Overview- Mare Liberum & Mare Clausum- Sources-Customs- international Conventions- UNCLOS Framework – Law Making Treaties adopted by IMO and Other International Bodies- Decisions of ICJ , ITLOS and Other International Tribunals

Module II: Internal Waters and Territorial Sea

Internal waters - base line- Types - Access to ports and harbors – for foreign flag vessels, and ships in distress. Jurisdiction in maritime ports - civil and criminal, sanitary regulations. Territorial waters–coastal state jurisdiction & access to ships–Right of Innocent Passage- Contiguous zone.

Module III: Exclusive Economic Zone and Continental Shelf

Exclusive Economic Zone - Continental Shelf - international straights and archipelagos – transit passage. Delimitation of maritime boundaries - opposite and adjacent states - underlying Principles of Resource Exploitation

Module IV: Fisheries Jurisdiction

International Fisheries - Conservation and Exploitation of Resources-Licensing of Fishing- Deep Sea Fishing- IUU fishing .

Module-V: High Seas and Sea Bed Area

High Seas - Concept of Patrimonial Sea & Common Heritage –ABNJ Regime - Piracy

and Hot Pursuit International Sea Bed - Exploration and Exploitation – Role of Sea Bed Authority.

References

1. Christopher Hill, Maritime Law, Cambridge , 2017
2. Yoshifumi Tanaka, International Law of the Sea , Cambridge University Press,2022
3. R.R Churchill & A.V.Lowe, The Law of the Sea, Manchester,2008
4. O.P. Sharma, The International Law of the Sea: Indian and UNCLOS 1982 , Oxford (2009)
5. Gopalan Nair, Maritime Law of India,1977
6. Myres S. McDougal, The Public Order of the Oceans, Yale University Press,1962
7. Ronald. R. Rothwell, The International Law of the Sea, Hart Publishing,2016
8. RP Anand, Origin and development of the Law of the Sea. The Hague, Brill Publications, 2022
9. CJ Colombosl, The International Law of the Sea. Longmans , London,1954

Law, Poverty and Development

Semester 9	General Elective	(25-272-0908)

Course Objectives

The objective of the course is to introduce to the students the basic understanding on Law, Poverty and development and their interrelationship in a changing society. The course will examine law as a tool for achieving socio- economic development of the weaker sections of society. The course aims to acquaint the students with various theories and perspectives of ‘development’ and to keep foremost the rights and interest of the poor and marginalized while examining developmental goals and policies.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understanding interrelationship between Law, Poverty and development	Understand
CO2	Examine problems of the socially and economically weaker sections of the society	Evaluate
CO3	Analyse the beneficial schemes and welfare measures adopted by the state for alleviation of poverty	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	2	3	2	2
CO2	2	3	3	2
CO3	2	1	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Concept of Poverty and Development

Socio economic philosophy reflected under the Indian Constitutional scheme - conflicting socio-economic philosophies and their reconciliation-the feasibility of tying the nation's basic legal document with any economic philosophy.

Module II : International Principles and Goals

Poverty reduction initiatives of ILO - United Nations Organisation- Sustainable Development Goals – WTO – UDHR

Module III : Welfare Schemes and Policies

Social and Economic Welfare Schemes and Legislations on Poverty eradication - Employment– MNREGA- Food and nutrition – FSA – Education RTE – Health – Housing-

Module IV: Rights and Access to Justice of the Poor

Right to free Legal Aid-Art.21 of the Constitution of India-Section 304 of Criminal Procedure Code - Rights of the Indigent Person - Civil Procedure Code - Lok Adalats – Legal Services Authorities Act– Right to Services

Module V: Conflict between Development and Poverty

Land Acquisition and Displacement –right to fair compensation and transparency in land acquisition -Impact of forest legislations on tribal and other rural folk- right to livelihood and access to resources-fisheries regulation and the rights of traditional fishermen - environmental issues and the livelihood issues, role of Law.

References

1. Upendra Baxi ed., Law and Poverty: Critical Essays, 1988
2. Amartya Sen, Poverty and Famines: An Essay on Entitlement and Deprivation, 1999
3. Amartya Sen, Idea of Justice, 2009
4. Rehman Sobhan, Challenging the Injustice of Poverty: Agenda for Inclusive Development in South Asia, 2011
5. Michael Lipton, and Reforms in Developing Countries: Property Rights and Property Wrongs, Routledge, 2009
6. Upendra Baxi, The Avatars of India Judicial Activism: Explorations in the Geographies of (In)Justice in Fifty Years of the Supreme Court:

Its Grasp and Reach, 2000

Law and Medicine

Semester 9	General Elective	(25-272-0909)

Course Objectives

The principal objective of the course is to provide a detailed overview of various medical laws to the students. It also intends to provide the students with the idea of right to health as a basic human right and its importance in the society. The course is also aims to identify and discuss various ethical issues involved in the area of medical law and to sensitize the students about the need for regulating medical profession and practices.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Analyse ethical and social issues involved in medical practice.	Analyse
CO2	Analyse law governing manufacture, distribution and sale of drugs	Analyse
CO3	Appreciate law regulating human experimentation	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	1	2	2
CO2	3	2	3	2
CO3	2	3	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I- Control over Medical Profession

Control of medical profession through law - ethical code for medical professionals- Role of MCI Rules on professional conduct - liability of doctors under common law - criminal liability - consumer protection and medical profession- Regulating medical education.

Module II-Ethical Concerns involved in Medical Practice

Laws bearing on medical practice-ensuring quality service-Bioethics - Ethical and legal

issues relating to Abortion- ART, Surrogacy, PNDT Act- Euthanasia- control of epidemics and quarantine rule- relevant legal regulations on organ transplantation.

Module III- Control of Drugs

Control of drugs - manufacture – distribution- Drugs and Cosmetics Act- Definition of Drugs- Import, Manufacture of Drugs and relevant rules- prohibition on magical remedies- IPC provisions.

Module IV- Human Experimentation and Medical Science

Human experimentation legal and ethical control - national and international regulations- Nuremberg Code, Helsinki Declaration, other relevant international guidelines- ICMR Guidelines and Rules on Clinical Trials.

Module V- Access to Health Care and Constitutional Framework

Access to medical care and health services –public health emergencies - cost of health care - measures to make the facilities accessible - aspects of social justice in this regard- patent regime and its impact on health sector-compulsory licensing- access to medical records by patients.

References

- 1 S.K.Varma(Ed.),Legal Framework for Health Care in India, Lexis Nexis,2002
- 2 George P. Smith, Human Rights and Biomedicine, Springer, 2000
- 3 William Roach, Medical Records and the Law, AHIMA,1985
- 4 Richardson, Doctor Lawyer and the Courts, Anderson Co.,1965
- 5 Shaun D. Pattison, Law and Medical Ethics, Sweet& Maxwell, 2017.
- 6 Jonathan Herring, Medical Law and Ethics, Oxford University Press,2018
- 7 Tapas Kumar Koley, Medical Negligence and the Law in India : Duties, Responsibilities, Rights, Oxford University Press(2010).
- 8 Gillian Douglas, Law, Fertility and Reproduction, Thomas Professional, 1992)
- 9 Vijay Malik (Ed.),Law Relating to Drugs and Cosmetics, Eastern Book Co.,2018
- 10 Lily Srivastava, Law and Medicine, Universal Publishing Co.,2010

Human Rights and Criminal Justice Administration

Semester 9	General Elective	(25-272-0910)

Course Objectives

The course is designed to provide the students with a comprehensive understanding about human rights infringement in the criminal justice process and the principles adopted by the criminal laws in India to balance the human rights of all the stakeholders in the criminal justice process. The course is intended to educate the students regarding the Constitutional guarantees and the Constituent laws comprising the criminal justice administration and to groom the students to be socially committed citizens.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Identify the human rights violations involved in state actions in the criminal justice process and demonstrate a deep understanding of the fundamental principles of criminal justice administration	Understand
CO2	Apply internationally recognized norms to Indian criminal justice system for safeguarding the rights of various stakeholders involved in criminal justice process.	Apply
CO3	Evaluate the standards adopted by India in safeguarding human rights in the administration of criminal justice.	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	2	3	2	1
CO2	1	3	2	1
CO3	2	2	3	1

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module 1: Introduction to International Human Rights Documents and Criminal Law**

UDHR, ICCPR, Convention Against Torture, Basic Rights of Accused Persons, State Responsibilities, Accusatorial and Inquisitorial System and its features. Indian Laws on Protection of Human Rights

Module 2: Constitutional Safeguards and Criminal Justice System

Ex- post facto laws, Double Jeopardy, Right against Self- incrimination, Right against Arbitrary Arrest and Detention, Custodial Torture, Crime Investigation- FIR, Search and Seizure, Right to privacy- ethical and social issues in admissibility of forensic evidence- Medical Examination.

Module 3: Right to Fair Trial

Right to Legal Aid and Representation, Private Complaint, Compounding of Offences, Plea-Bargaining, Speedy Trial, Role of Prosecutors, Principles of Fair Trial, Bail, Remand, Witness Protection, Sentencing.

Module 4: Prisoners' Rights

Judicial Responses, kinds of punishment- Classification of Prisoners, Clemency Powers, Parole- Probation, Legality of indeterminate sentencing, Capital Punishment, Rehabilitation.

Module 5: Role of Victim in Criminal Process

Rights of Victims under International Documents, Role of Victim in Criminal Trial, Victim Compensation, Victim Impact Statements, Rehabilitation of Victims – Role of Judiciary in Victim Centric Justice and Criminal Justice Reforms on Victim Justice

References

1. Ilias Bantekas and LotzOette, International Human Rights Law and Practice, Cambridge, 2013
2. Madeleine Colvin and Jonathan Cooper(Ed), Human rights in the investigation and prosecution of crime, Oxford University Press, 2009.
3. Philip Alston and Ryan Goodman, International Human Rights, Oxford, 2012
4. William C. , Dimensions of Justice : Ethical Issues in the Administration of Criminal Law, City University of New York
5. Basu, Law Relating to Protection of Human Rights, Modern Law Publications, 2002
6. Sircar, V.K., Protection of Human Rights in India, Asia Law House, 2004
7. Dr. K.P. Saksena, Human Rights and the Constitution, Gyan Publishing House, 2003
8. Human rights and criminal justice administration UGC sponsored national seminar on human rights, 29th February to 1st March, 2008 - Kochi School of Legal Studies 2008 - 129p.
9. Arman Sarvarian , Procedural Fairness in International Courts and Tribunals, Thomson Reuters, 2019
10. Antony, P S, Protection of Human rights in the administration of criminal justice, Kochi Law Book Centre 2019
11. The Code of Criminal Procedure, 1973
12. Bhartiya Nagarik Suraksha Sanhita, 2023

Special Electives (Any Three)

1	Bankruptcy and Insolvency Law
2	Marine Safety Law
3	Insurance Law
4	Law Relating to Ships
5	Law of Mergers and Acquisitions
6	International Trade Law

Bankruptcy and Insolvency Laws

Semester 9	Special Elective	(25-272-0911)

Course Objective

The course aims to enable the students to understand the fundamental principles of law relating to bankruptcy and insolvency. It introduces the students to the legal provisions and case laws

on individual, entity and corporate insolvency. The course will help them understand the insolvency resolution process, the rights of creditors and debtors, the powers and functions of regulatory agencies & insolvency professionals. It will also introduce them to the issues in cross border insolvency.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the general principles relating to insolvency laws.	Understand
CO2	Analyse jurisprudence on insolvency and creditor protection measures	Analyse
CO3	Engage in legal practice on insolvency related matters	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	3	3
CO2	3	2	3	2
CO3	2	3	2	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Introduction to Insolvency Law

The concept of insolvency and bankruptcy – aims, objectives and policies of insolvency laws
-Evolution of the law - Constitutional perspectives - Expert committees on insolvency.

Module II: Personal Insolvency Resolution

Personal insolvency –Insolvency of partnership and other legal entities –Resolution Process – Registration of claims - priority of payment of debts- Proof of debts-Doctrine of reputed ownership-Excluded and exempt property- bankruptcy order- effect of discharge order.

Module III: Corporate Insolvency Resolution

Corporate insolvency resolution process - Operational creditor and financial creditor - Committee of creditors- Regulation of insolvency professionals and agencies- Adjudicatory Authority-Information Utility- Powers and Functions of Insolvency and Bankruptcy Board- Liquidation Process- Powers of liquidator.

Module IV: Administration and Distribution of Assets of Corporate Debtor

Distribution of assets- *pari passu* Principle- Waterfall Mechanism-Undervalued transactions- Preference transactions- Extortionate credit transactions-Fraudulent preferences – Fraudulent trading - Liability of delinquent directors and officers.

Module V: Cross Border Insolvency

Disposition of Foreign assets- Choice of Law- UNCITRAL Model law on Cross border insolvency- Centre of Main Interests [COMI] - Group Insolvency- Pre-Pack arrangements

References

1. VS Wahi, Treatise on Insolvency and Bankruptcy Code, Bharat Law House, 2019.
2. Fletcher, Ian F, The Law of Insolvency, Sweet & Maxwell, 2017.
3. Rebecca James Parry & others, Transaction Avoidance in Insolvencies, Oxford University Press, 2018.
4. Reinhard Bork, Principles of Cross Border Insolvency Law, Intersentia, 2017.
5. Neil Hannan, Cross Border Insolvency-The Enactment and Interpretation of UNCITRAL Model Law, Springer, 2017.
6. Ramaiya, Guide to the Companies Act-2013, Lexis Nexis, 2015.
7. Insolvency and Bankruptcy Code, 2016 with latest Amendments.
8. Bankruptcy Law Reforms Committee Report, 2015.
9. R.M.Goode, Principles of Corporate Insolvency Law Sweet and Maxwell, 2005.
10. Vanessa Finch, Corporate Insolvency Law: Perspectives and Principles, Cambridge University, 2017.
11. Pollard, Corporate Insolvency: Employment and Pension Rights, Bloomsbury, 2016.
12. Bailey & Groves, Corporate Insolvency: Law and Practice, Butterworths, 1992.
13. David Milman & Durrant, Corporate Insolvency: Law and Practice, Sweet and Maxwell, 1994.
14. McPherson, Law of Company Liquidation, Sweet and Maxwell, 2001.

Marine Safety Law

Semester 9	Special Elective	(25-272-0912)

Course Objectives

The course introduces the international legal framework for ensuring marine safety and prevention of pollution from ships. The course draws on measures adopted by IMO to address physical safety and stability of ships, manning standards, environmental protection and safety management schemes. The prevention of collision and shipping casualties and the power of authorities to initiate enquiries in to casualties assume relevance.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Demonstrate knowledge related to standards of marine safety for ships like Construction, seaworthiness and safety management of ships.	Understand

CO2	Apply the measures established by the International Maritime Organization (IMO) to address the physical safety and stability of ships, including manning standards and safety management schemes.	Apply
CO3	Assess the strengths and weaknesses of safety management schemes in ensuring compliance with regulatory standards and fostering a culture of safety within the maritime industry.	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	2
CO2	2	3	3	2
CO3	3	3	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Introduction to Marine Safety**

Marine Safety-General principles governing safety of life and property at sea – prohibitions on sending unsafe ships to Sea - liability of owners and operators - duty to provide assistance ship in distress.

Module II: Construction and Manning Standards

Construction and maintenance of ships - survey of ships - continuous survey obligations - IMO code for construction of ship - Indian ship construction rules. Manning of ships - Training, Certification and watch keeping – STCW Convention,1978, Employment Conditions of sea men – MLC 2006 -Provisions of the Merchant Shipping Act and Rules.

Module III: Physical and Environmental safety

Load line Conventions - loading of ships - unsafe goods – over loading safety appliances, radar, maps and charts - radio and telecommunication rules, lifeboats, buoys etc- Safety Management (ISM) - Environmental safety and Climate change norms for ships.

Module IV: Prevention of Collision

Collision regulations - steering and signaling. Liability for collision -nominal and civil liability

Module V: Shipping Casualties

Investigation of shipping casualties – Authorities and Powers under Indian Law.

References

- 1 Simon Baughen, Shipping Law, Routledge , 2012

- 2 B.C. Mitra, Law Relating to Marine Insurance, Universal Publishing Co.,2012
- 3 Nagendra Singh (Ed.), British Shipping Laws , Sweet & Maxwell Vol.IV.,1993
- 4 National Research Council, Crew Size and maritime safety, National Academic Press, 1990
- 5 Iliana Christodoulou-Varotsi, Maritime Safety Law and Policies of the European Union and the United States of America: Antagonism or Synergy?, Springer, 2010
- 6 Ivane Abashidze, Maritime Safety & Classification Society – A Georgian Prospective, Lambert, 2014
- 7 Dr. S P Gupta , The Outlines Of Maritime Law , Allahabad Law Agency, 2014

Insurance Law

Semester 9	Special Elective	(25-272-0913)

Course Objectives

The course throws light on the fundamental principles of insurance law. It provides insights on the special features of different kinds of insurance. It helps students to familiarise with the procedure of making insurance claims. It also discusses the regulatory controls over insurance business, the role and functions of regulatory agencies and insurance intermediaries.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the general principles relating to insurance law	Understand
CO2	Analyse the rights and duties of insured and the insurer	Analyse
CO3	Develop critical thinking on various concepts of insurance law	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	3	3
CO2	2	3	3	2
CO3	3	2	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module 1: Introduction and Legal Framework**

Nature and definition of insurance -Evolution of insurance-Need for insurance - Classification of

insurance- Formation of Insurance contract - Regulation of insurance business in India – IRDA- Powers and functions - Regulation of insurance intermediaries- Ombudsman.

Module II: Features of contract of Insurance

Nature of Insurance Contract- Contract of utmost good faith- Scope of duty of disclosure-Insurable Interest- Proximate Cause-Principle of indemnity- Conditions and warranties-Premium -Attachment and Duration of risk- Factors affecting risk - Excepted perils.

Module III: General Principles of Insurance

Double insurance- Reinsurance-Subrogation-Contribution -Loss and measure of indemnity- Procedure for making insurance claim- Persons entitled to claim-Settlement of claims- Transfer and Assignment of policy.

Module IV: Special features of Fire and Marine Insurance

Subject matter of marine insurance- Hull, cargo, Freight – Kinds of marine policies-Time, voyage, mixed- Maritime Perils-Implied terms in marine policy – Marine Losses-Partial loss and total loss - Abandonment-Fire Insurance- kinds of policies- Valued, Unvalued, Average, Floating Policy- Fire Perils and Exceptions.

Module V: Other Kinds of Insurance

Health Insurance- Property insurance - Liability insurance - Insurance under Motor Vehicles Act-MACT - powers and functions - Public liability insurance - Social security insurance - sickness, old age and unemployment – Employees State Insurance.

References

1. Colinvaux 's Law of Insurance., Sweet & Maxwell, 2014
2. Bird 's Modern Insurance Law, Sweet and Maxwell, 2013.
3. Murthy and Sarma, Modern Law of Insurance in India, Lexis Nexis, 2013
4. Malcolm A Clarke, The Law of Insurance Contracts, Informa, 2010.
5. Andrew McGee., The modern Law of Insurance, LexisNexis, 2011.
6. Mac Gillivray on Insurance Law relating to all risks other than marine, Sweet Maxwell, 2012.
7. E.R. Hardy Ivamy, General Principles of Insurance, Butter worths, 1993.
8. Arnold, Law of Marine Insurance and Average, Stevens and Sons, 2008.
9. Rob Thoyts, Insurance Theory and Practice, Routledge, 2010.
10. Christopher Henley, Drafting insurance contracts: Certainty, clarity, law and Practice, Leadenhall Press, 2010.
11. Ray Hodgkin., Insurance Law-Text and materials, Cavendish, 2002.
12. M.N. Sreenivasan, Principles of Insurance Law, Lexis Nexis, 2009.

Law Relating to Ships

Semester 9	Special Elective	(25-272-0914)

Course Objectives

The objective of the course is to create awareness among law students to address legal issues innate to ownership of ships. Amongst the course content, substantive and procedural

aspects of registration is one area prone to litigations and controversies that necessitate an in depth analysis in the course. Another inevitable component is the limitation of liability dealt with in the scheme. Acquiring of skills with drafting and interpretation of shipping contracts adds value to the course.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand legal framework and practice for registration and ownership of ships	Understand
CO2	Appraise the international consensus for employment of crew, terms of employment and other conditions of maritime labour and Ship owner's privileges	Analyse
CO3	Apply knowledge gained to interpret shipping contracts and its clauses.	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	2
CO2	3	3	3	3
CO3	3	3	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I : Jurisdiction of States over Ships

Jurisdiction over ships - Civil, Criminal and Administrative- Internal Waters and Ports – Territorial waters, Exclusive Economic Zone and other maritime zones - Government ships- Sovereign Immunity - Merchant ships - Access to Ports – Regulatory Framework - Arrest of Vessels and Safeguards.

Module II : Ownership and Registration of ships

Ownership and Registration of Merchant Ships, Fishing Vessels - Role of Mercantile Marine Department –Classification Societies- Concept of Genuine link – Inspection, Survey and Procedure for Registration

Module III : Employment of Seamen

Employment in ships –Seamen- Training for sea service - Rating of seamen -Continuous Discharge Certificate - Right to Remuneration and other Service Conditions in Ships.

Module IV: Ancillary Shipping Contracts

Ancillary Shipping Contracts - Pilotage - Salvage – Wages - Towage

Module V: Limitation of Liability

Limitation of Ship owner's liability - Concept of Privity – International Convention on Limitation of Ship Owner's Liability – Limitation Fund -Maritime Safety-Safety of life- Security of Ports and Safety Management of Ships.

References

- 1 Halsbury's Laws of England (2023)
- 2 Robert Grime, Shipping Law, Sweet & Maxwell,(1991)
- 3 Simon Baughen, Shipping Law,Routledge 8 th edn. (2023).
- 4 Martin J. Norris, The Law of Salvage, Sweet & Maxwell (1958).
- 5 Geoffrey Brice, Maritime Law of Salvage (1984).
- 6 Francis Rose, The Modern Law of Pilotage, Sweet & Maxwell (1984).
- 7 Chorley and Giles, Shipping Law, (1987).
- 8 Narmada M. Agarwal, Merchant Shipping Legislation in India & U.K., University of Bombay (1973).
- 9 Robert Force , Admiralty and Maritime law, Beard Books (2008)

Law of Mergers and Acquisitions

Semester 9	Special Elective	(25-272-0915)

Course Objectives

The course explores the law governing corporate restructuring in India. It intends to familiarise the students with different kinds of corporate restructuring. It throws light on the scope and rationale of takeover regulations. It intends to provide in-depth knowledge about legal framework governing takeovers. The course helps to analyse the legal provisions for ensuring protection of shareholders during mergers, amalgamations and takeovers.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the legal provisions governing mergers, acquisitions and takeovers.	Understand
CO2	Explain the valuation, tax and labour law aspects of corporate restructuring	Analyse
CO3	Engage in transactional practice in mergers, acquisitions and takeovers.	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	2	2
CO2	3	2	3	3
CO3	3	3	3	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Introduction

Corporate Re-organisations –Nature and Scope- Need for Corporate Restructuring-Organic and Inorganic modes of restructuring- Theories of Mergers and Acquisitions-Kinds of Mergers- Motives for Mergers.

Module II: Schemes of Arrangement and Compromise

Compromise, arrangements and amalgamations-Regulatory Framework-Judicial Control- Acquisition of shares from dissenting shareholders-Demerger- Cross border mergers-Protection of minority shareholders–Compulsory amalgamation- Business transfers-Divestitures, spin-offs-equity carve outs.

Module III: Regulatory Controls over Public Offers

Open offer and disclosure thresholds- Competing offers- withdrawal of offers-hostile takeovers-takeover defences-Duties of directors and acquirers during takeovers-due diligence- protection of employees during takeover- Corporate Governance aspects of takeovers.

Module IV: Raising Finance for Takeovers

Financing of Takeovers-Leveraged buyouts- Accounting aspects of mergers- Valuation of assets – Valuation of distressed assets- Share exchange ratio- Merger of banking companies- Role of RBI.

Module V: Tax Aspects of Corporate Reorganisations

Taxation -Sale of an undertaking -Slump sale- Business transfer agreement on a going concern basis - Share acquisitions- Securities Transaction Tax

References

1. Umakanth Varottil, Comparative Takeover Regulation, Cambridge, 2018.
2. Jennifer Payne, Schemes of Arrangement, Theory Structure and Operation, University of Oxford, 2014.
3. Athanasios Koulouridas, The Law and Economics of Takeovers, Oxford and Portland, Oregon, 2008.
4. Roberto Romano (Ed), Foundations of Corporate Law, Oxford University Press, 2012.
5. Fred S Mc Chesney, Mergers and the Market for Corporate Control, Elgar Research Publications, 2011.
6. Dr J C Verma, Corporate Mergers and Takeovers, Bharat Law House, 2008.
7. Weinberg and Black, Takeovers and Mergers, Sweet and Maxwell, 1979.
8. J.Fred Weston, Chung, Kwang S. and Hoag, Susan E., Mergers, Restructuring and Corporate Control, Prentice Hall, 1990.
9. CCH Master Guide to Mergers & Acquisitions in India – Tax and Regulation, Ernst & Young, Wolters Kluwer, 2015.
10. Sridharan & Pandian, Guide to Takeovers & Mergers- Complete Guide to Corporate Restructuring, Takeovers and Mergers, Amalgamation & Acquisitions, Lexis Nexis, 2010

International Trade Law

Semester 9	Special Elective	(25-272-0916)

Course Objectives

This course discusses the legal system governing international trade with particular emphasis on the law of the World Trade Organization (WTO) and the Indian legal framework on the regulation of foreign trade. The objective of this course is to give students a comprehensive overview of the world

trading system, with in-depth knowledge of selected segments in this increasingly influential branch of international law. This course is designed for students who may practice in the subject area, either at private firms, think-tanks or in government, or generally for any student who would like to understand the world trading system for personal or scholarly reasons.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the legal structure of international trading system	Understand
CO2	Explain the general rules governing WTO law and dispute settlement mechanism	Analyse
CO3	Appreciate the relevance of the regionalization of trade and identify major regional organizations establishing free trade areas and customs unions	

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	2	3	2	3
CO2	3	2	3	3
CO3	2	3	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Introduction to International Trade Law

Basics of international trade and commerce–Historical background of the General Agreement on Tariffs and Trade–The role of international trade in the global development–Sources of international trade law – International economic institutions

Module II: The WTO System

Evolution of WTO – Legal Structure – Principles and working of WTO – Understanding the structures of the Covered Agreements – Trade in Services (GATS) – Trade related aspects of Intellectual Property Rights (TRIPS) – Dispute settlement understanding

Module III: General Principles of Non-discrimination

Most-favored Nation Treatment (MFN) – History and Basic issues – GATT/WTO cases concerning MFN–National treatmentscopeandapplication–HistoryandBasicissues–Likeproducts – GATT/WTO cases concerning National Treatment

Module IV: Exceptions and Trade Remedies

General exceptions – Security exceptions – Anti-dumping – Subsidies and countervailing duties – Safeguards – Protection of domestic market and India's commitments to free trade

Module V: Regional Integration and Trade

Preferential trade agreements – Free Trade Areas – Customs Union – WTO Committee on Regional Trade Agreements (CRTA) – Transparency mechanism – Dispute Settlement

References

1. Raj Bhalla, International Trade Law: A Comprehensive Textbook, Carolina Academic Press, 2019
2. John H Jackson, The Jurisprudence of GATT and the WTO, Cambridge University Press 2000.
3. Mitsuo Matsushita, et al, The World Trade Organization: Law, practice and policy, Oxford University Press, 2015
4. Hoekman, Bernard M., and Petros C. Mavroidis. World Trade Organization (WTO): Law, Economics, and Politics, Routledge, 2007
5. Lester, Simon, Bryan Mercurio, and Arwel Davies. World trade law: text, materials and commentary, Hart Publishing, 2018
6. AK Koul, Guide to the WTO and GATT: Economics, Law and Politics, Springer, 2018

X th Semester BBA LLB

1	Moot Court Exercise and Court Visit
2	General Elective 5
3	General Elective 6
4	Special Elective 6
5	Special Elective 7
6	Special Elective 8
7	Course Viva-Voce
8	Course Internship

1. Moot Court Exercise and Court Visit

Semester 10	Course 1	(25-272-1001)

Course Objectives

Moot courts are simulation exercises intended to develop advocacy skills in students. Through this course, it is intended to impart practical skills of research, case analyses and strategy, witness handling, and presentation of arguments at the trial and appellate stages of a case. The course shall include moot courts, mock trial, court visit, chamber visit and viva voce. The course exposes the students to the system of administration of justice through court visits and chamber visits.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Articulate and communicate logical and legal arguments	Create
CO2	Develop analytical, research, writing and public speaking skills.	Apply
CO3	Learn the skill of doing client interview, preparing a case and conducting trial in courts and other judicial forums.	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	3	3
CO2	3	2	3	2
CO3	3	3	3	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Moot Court Exercise (30 marks)

The course teacher will assign three moot court problems to the students and they have to work on all three problems assigned. Students should prepare written submission and present arguments in a moot court setting. Written submission, judgment and oral arguments shall carry 5 marks each. Each student will prepare a case only on one side. The memorial specification given by course teacher should be strictly followed. The oral performance will be evaluated on the basis of communication skills, application of facts, persuasion, use of authorities, and response to questions.

Module II: Mock Trial and Case Analysis (30 marks)

The students are required to do the mock trial and case analysis of two cases, one civil and one criminal. Each student will be required to function as lawyer and witness in the mock trial simulated in the classroom. Case analysis, written submission, examination-in-chief, cross-examination, performance as witnesses and final arguments shall carry 5 marks each.

Module III: Chamber visits (15 marks)

Chamber Visit- Every student shall attend a practicing lawyer's office. The lawyer should have a minimum of 10 years standing at the Bar. A minimum of two hours are to be spent daily with the lawyer observing client dealings, drafting, conducting fact investigations, etc., for at least twenty-four days in the semester. At the end of the chamber visit, a certificate confirming the student's attendance at the lawyer's office will have to be produced.

In the chamber visit they are required to do and record the following:

- Draft minimum of two documents in an ongoing case.
- Read minimum four case files to learn how files are prepared and maintained.
- Learn how to maintain records and accounts.
- Do legal research in at least two cases.
- Observe client interview and counselling with the permission of the lawyer and client in at least two cases.

Module IV: Court Visit and Record (15 Marks)

Court Visit- During the court visit, the students shall observe the trial of one civil and one criminal case. Students may be required to attend two trials in the course of the last two or three years of LL.B. course. They will maintain a record and enter the various steps observed during their attendance on different days in the court assignment. They should maintain a record and write a report of their observation of the following stages:

- a. Framing of charge or issue
- b. Examination in chief
- c. Cross Examination
- d. Final arguments

Court Visit Record- Students are required to maintain a record of their field visit and work done during court visit. Each student will observe two interviewing sessions of clients at the Lawyer's Office/Legal Aid Office, the preparation of documents and court papers by the Advocate and the procedure for the filing of the suit/petition. This will be documented in a record book, which will carry 15 marks. The record should contain two parts:

1. Information about work done during court visit
2. Two legal documents examined during court visit

The record shall be an integral part of the course and it will be evaluated in terms of reflection about the learning experiences of the student. The record must be written in their own words. If two or more students are found to have copied each other's work, both/all the students who are found to have copied will be given zero marks for the work.

Module V: Viva Voce: (10 Marks)

The last component of this course will be a Viva - voce on all the above three components. The viva-voce shall be conducted by a panel of internal and external expert.

References

1. Dr.Kailash Rai, Moot Court, Pre - Trial Preparation and Trial Proceedings and Viva - Voce, Asia Law House, 2018.
2. John Korzen, Make Your Argument: Succeeding in Moot Court and Mock Trial, Kaplan Publishing, 2010.
3. Dr.Kailash Rai, Moot Court - Pre-Trial Preparations and Participation in Trial Proceedings, Central Law Publications, 2015.
4. David Pope & Dan Hill, Mooting and Advocacy Skills, Sweet and Maxwell, 2011.
5. Abhinandan Malik, Moot Courts & Mooting, Eastern Book Company, 2015.
6. NR Madhava Menon, Clinical Legal Education, EBC, 1998.

Reference

7. Dr.Kailash Rai, Moot Court, Pre - Trial Preparation and Trial Proceedings and Viva - Voce, Asia Law House, 2018.
8. John Korzen, Make Your Argument: Succeeding in Moot Court and Mock Trial, Kaplan Publishing, 2010.
9. Dr.Kailash Rai, Moot Court - Pre-Trial Preparations and Participation in Trial Proceedings, Central Law Publications, 2015.
10. David Pope & Dan Hill, Mooting and Advocacy Skills, Sweet and Maxwell, 2011.
11. Abhinandan Malik, Moot Courts & Mooting, Eastern Book Company, 2015.
12. NR MadhavaMenon, Clinical Legal Education, EBC, 1998.

X Semester BBA LLB General Electives (Any Two)

1	Law on Democracy and Elections in India
2	International Humanitarian and Refugee Law
3	Land Utilization Law
4	Disability Law
5	Law Relating to Armed Forces
6	Law Governing Scientific Research
7	Law of Co-operative Societies
8	Private International Law
9	Science, Technology and Law

Law on Democracy and Elections in India

Semester 10	General Elective	(25-272-1002)

Course Objectives

This course is designed to discuss and study the law pertaining elections in India. The central focus of this course is on the complex interaction between the democratic process on one side and the legal framework which promotes democracy in India. This course is designed to develop critical thinking about the law of democracy and the electoral process in India. Election in any democracy need to be free and fair and the course will enable the student to analyse the fairness of democratic process in India.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the electoral system in India and its functioning	Understand
CO2	Evaluate the framework of the law of democracy and elections in India.	Evaluate
CO3	Analyse the democratic process in India with a special focus on the electoral process in India.	Analyse
CO4	Analyse the constitutional guidelines and judicial pronouncement with regard to the democratic process as well as the electoral process in India.	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	2	3	2	1
CO2	1	3	2	1
CO3	2	2	3	1
CO4	1	3	2	1

1-Low Correlation 2-Medium Correlation 3-High Correlation

Module 1: Evolution of the law of Democracy in India

Democracy - Historical underpinnings- formation of a democratic society- different forms of democracy- democratic institutions. Law and Democracy- democracy and modern state- constitutional democracy in India- Self-determination and elections- Concept of State-Relevance of participatory government- Direct democracy

Module II: Democracy and Elections in India

Elections in democracy- Free and Fair Elections - Indian and International Standards- Democratic Bodies and their Functions- Representation and Election- Parliaments as Representative bodies- Political Parties and Elections- Challenges to Indian Democracy- Presidential elections- Election to upper house of the Parliament and Legislative Councils

Module III: Election and Electoral System in India

Electoral Cycle-Election Commission of India-Managing Elections in India. Constitutional provisions with regard to elections- Basic Structure- Democracy -Conduct of Elections- Right to Vote- Universal suffrage in India. Participation in Democracy- access to electoral rolls- right to contest elections. Corrupt Practices in Election- Electoral offences-qualification and disqualification in elections- Defection and its remedies-Decriminalisation of politics- Women participation in Elections- Right to vote and citizenship.

Module IV: Electoral Politics in India

Role of Media in Elections- Paid Media. Role of technology in democratic life-Influence of Caste, Religion and Hate Speech - Electoral Bonds and its regulation-Political Funding of Elections- Electoral Politics in India- Delimitation of Constituencies- one person one vote.

Module V: Judicial Approach to Elections and the role of Election Commission

Judicial Approach to Elections- Election petitions and its limitations- Judicial surveillance of Elections and Electoral System in India- Judiciary as the *Sentinel on the qui vive* for the conduct of elections- Judicial engagement with electoral reservations in India- Constitutional Courts as protectors of democracy and free and fair election.

Reference

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3. Rajni Kothari, Rethinking Democracy , Orient Longman: 2005
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10. Francine R Frankel (ed), Transforming India: Social and Political Dynamics of Democracy, Oxford Univ Press, 2006
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12. Udit Bhatia (ed), The Indian Constituent Assembly: Deliberations on Democracy Routledge, 2018

13. PJ Emerson, Defining Democracy: Voting Procedures in Decision-Making, Elections and Governance, Springer, 2012
14. Dipankar Gupta, From 'people' to 'Citizen': Democracy's Must Take Road ,2018
15. Teresa Joseph and Siby K Joseph, Deliberative Democracy: Understanding the Indian Experience, 2018
16. John Locke and Mark Goldie, Two Treatises of Government , Dent, 1998
17. Alexis de Tocqueville, et al.,, Democracy in America, University of Chicago Press, 2000.

International Humanitarian and Refugee Law

Semester 10	General Elective	(25-272-1003)

Course Objectives

The primary objective of the course is to give insights about the main principles of international humanitarian law. It discusses the main issues in international humanitarian law. It enumerates the rights of prisoner of war and the role of international courts in providing redress to them. It helps the students to understand the problems in national implementation of humanitarian law.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the scope and extend of international humanitarian law	Understand
CO2	Analyse Human rights issues concerning prisoners of war and refugees.	Analyse
CO3	Appraise challenges in implementation of humanitarian law	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	2	2	2	1
CO2	2	3	2	2
CO3	3	2	3	2

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Contents**Module I: Introduction**

Scope and extent of International Humanitarian Law –Origin of IHL- Sources of IHL-Use of force and IHL - Conflict status and Combatant status-Protection of Combatants in sea and land-Linkages between international Human rights law - IHRL, International humanitarian law-IHL and International refugee law-IRL.

Module II: Armed Conflict

Classification of Armed Conflict- Commencement and Termination of Hostilities-Rights and obligations of prisoners of war-Non- International armed Conflict -War Crimes-Terrorism – War tribunals-International Criminal Law-Protection of women, children and other vulnerable groups.

Module III: Protection of Civilians and Objects of Cultural Importance

Protected Persons- Civilian objects- Protected objects and property- Cultural Objects- Protection of natural environment- Enemy Property.

Module IV: Refugees

Refugee-Determination of refugee status- UN Convention - International mechanisms for the protection of refugees- Refugee and Migrant- Rights of Refugees- Non-refoulement-Gender related Persecution-Climate Refugees-Refugees with special needs-Exclusion and Cessation of Refugee status-Asylum-Statelessness.

Module V: National Implementation of IHL

National Implementation of International Humanitarian Law-Minimum Standards for Reception conditions -Response of national laws and national courts-Regional refugee protection frameworks- SAARC.

References

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3. V.S.Mani (Ed). Handbook of International Humanitarian Law (Oxford University Press,2007).
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7. Feller (Ed.), Refugee Protection in International Law, Cambridge University Press, 2009.
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Land Utilisation Law

Semester 10	General Elective	(25-272-1004)

Course Objectives

The course seeks to explore the need and objectives of land use controls. It discusses the environmental issues relating to land use pattern. It enables students to get an overview of various laws governing land use, land acquisition and land reforms. It also helps to have an idea on the international norms on land use planning.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Appreciate the laws governing land use pattern.	Evaluate
CO2	Analyse environmental issues related to land utilization.	Analyse
CO3	Explain international norms on land use planning	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	2	2	3	2
CO2	3	2	3	3
CO3	2	3	2	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Introduction to Land Use Laws**

Land use control –Objectives of land use planning and controls –Constitutional Perspectives- Land Management and Improvement of Land Quality-Land use conflicts.

Module II: Environmental Issues in Land Use

Environmental issues relating to land use pattern– Zoning legislations and the environmental concerns- Paddy field reclamation -Wetlands – Costal Regulatory Zones- Reclaimed lands - Development Controls- Mining Controls.

Module III: Urban Land Use

Town Planning -Sanitation- Building regulations-Solid waste Management-Mobility Planning- Regional Connectivity-Roads and railways - Land Pooling schemes- Squatter Settlements.

Module IV: Land Acquisition and Land Reforms

Law relating to Land Acquisition – Agricultural Land Ceiling- Urban Land Ceiling- Land reforms in Kerala- Law relating to Alienation and Assignment of land in Scheduled areas.

Module V: International Practice on Land Use

International norms on land use and urban planning- International guidelines on territorial planning- sustainable urban development- Inclusive cities- Inclusive governance.

References

1. Barlow Burke, The Law of Zoning and Land Use Controls, Lexis Nexis, 2013.
2. Law Relating to Land Acquisition, Rehabilitation and Resettlement, Taxmann, 2014.
3. PKSarkar, Law of Acquisition of Land in India, Eastern Law House, 2012.
4. Robert Ellickson, Land Use Controls – Cases and Materials, Wolters Kluwer, 2013.
5. A. Gangadharan, Law of Land Reforms in Kerala, Travancore Law House, 1976.
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8. K Sambasivan, Disparities of Urban Land Values and Shift in Land Use, Lambert Publishing, 2012.
9. Allen Abranson, Land Law, Environment and Mythical Land, 2000.
10. George Johnson, Law of Land Reforms in Kerala, EmTeem Publications, 2008.

Disability Law

Semester 10	General Elective	(25-272-1005)

Course Objectives

This course enables the students to learn the problems faced by the disabled people and to identify the laws for the protection of disable populations is the main objective of this course. It will also help the students to analyse the competency of the laws internationally and nationally for addressing the rights of the disable population. The course aims at motivating the students to act with social commitment for the protection of the rights of the disabled populations and will make them to acquire expertise over the laws governing disabled people. Socially committed advocates will be able to help associations and NGOs on legal issues faced by disabled populations.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the problems faced by disabled persons and the legal framework for protection of disabled persons	Understand
CO2	Develop expertise among lawyers in the area of disability law	Apply
CO3	Assist or advice the government and policy makers for improving laws and policies for disabled people.	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	12	3
CO2	3	2	1	3
CO3	3	2	2	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Disability – Meaning and Content**

Disability question in jurisprudence discourse— Disability its meaning and kinds- Constitutional Values and Disability law - Equality– justice – welfare models.

Module II: Human Rights of Disabled

Human Rights approach to disability –UN Documents- Convention/Declaration on the Rights of Disabled Persons- Principles for the protection of persons with mental illness and Improvement of mental health care – Legal framework on disability in India- Rights of the Persons with Disability Act-Mental Health Care Act- Rehabilitation Council of India- RCI Act.

Module III: Medical Decisions making and The Disabled

Medical decision making by disabled persons- judicial responses - UK and US comparative position.

Module IV: Discrimination of Disabled

Disability - marginalization - oppression and discrimination - Accessibility to built environment and transport

Module V: Right to Education and Employment of Disabled

Access to education - Equality of opportunity in employment – vulnerability to violence.

References

- 1 Dr. G.N. Karna, United States and Rights of Disabled Persons: A Study in Indian

- Perspective, A.P. H. Publications, 1999.
- 2 Jayna Kothari, The Future of Disability Law in India, Oxford University Press, 2012
 - 3 Anna Arstein (Ed.), Disability Human Rights Law, MDPI, 2018
 - 4 Marck C. Webber, Understanding Disability Law, Lexis Nexis, 2012.
 - 5 Jayna Kothari, The Future of Disability Law in India: A Critical Analysis of the Persons With Disabilities: Oxford University Press, 2012
 - 6 Coomara Pyaneandee, International Disability Law: A Practical Approach to the United Nations Convention on the Rights of Persons with Disabilities, Routledge, 2018

Law Relating to Armed Forces

Semester 10	General Elective	(25-272-1006)

Course Objectives

The course gives a basic understanding on the defence laws of the nation. The course enables the student to analyse the different types of military offences and how the Court-martial system operates. The course throws light on the various legislative and constitutional protection given to Armed force and their liabilities/obligations.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Acquire knowledge of armed forces law	Understand
CO2	Get insights about court martial proceedings	Understand
CO3	Analyse rights, duties and functions of armed personnel and restrictions on their freedom	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	3	1
CO2	3	1	3	2
CO3	2	3	2	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Historical Background of Military Law

Origin and development of Indian military Law- Discipline and Justice- International legal framework on military laws- trial of prisoners of war.

Module II: Indian Military Laws

Army Act, Navy Act and Air Force Act.

Module III: Military Offences

Military Offences and punishment- Features of Military Court.

Module IV: Court Martial System

Court Martial System-Role of prosecutors-judge—evidence system-evolution of court martial system

Module V: Military Laws - Comparative Position

Martial law –Constitutional position-special powers to armed forces and acts of indemnity-comparison UK, USA-Judicial response to military interventions

Reference

1. Dr. D.C. Jain, Military Law in India, 1984
2. Col. G.K. Sharma, Study and Practice of Military Law, 2019
3. Maj.Gen. Nilenderakumar, Law Relating to Armed Forces in India, Universal Law Publication, 2005.
4. Uma Prasad T., Military History India, Rupa, 2018.
5. U. C. Jha, A Handbook of Military Law, Viji Publications, 2013.

Law Governing Scientific Research

Semester 10	General Elective	(25-272-1007)

Course Objectives

The course provides the base for understanding the niche areas of interface between law and scientific research. It provides an overview of the contemporary developments in the area of scientific research and the existing national and international norms for the same. It delves into ethical, legal and social issues and challenges in different types of scientific research.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Familiarize with the contemporary developments in the areas of scientific research and law	Understand
CO2	Equip the students to handle technology based litigations	Apply
CO3	Appreciate the legal and ethical issues involved in scientific research	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	3	1
CO2	3	1	3	3
CO3	2	3	2	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Scientific Research and their Different Forms**

Aspects of Scientific research – Constitutional Values and Scientific Research-- Incentives for research - Monopoly for outcome of research - Research for Community interest - Agricultural and Horticultural Research.

Module II: Legal Response to Marine and Space Research

Marine Scientific Research and Atmospheric - space research - Limitations under Customary international law - UNCLOS III Provisions - Research in inland waters, territorial sea, Economic Zone, Continental Shelf and High sea, weapon testing in sea-NTBT and Law of the sea- Research in outer space and atmosphere.

Module III: Human Subject Research: Legal and Ethical Concerns

Research on Human subjects - Types of research – Embryo research and Human genetics for research - research ethics committees and license requirements- Bioethics-Robotics - Blockchain - Consent to research - Confidentiality in health care research – Informed Consent- Problems of applied research –prenatal diagnostics, HIV diagnosis.

Module IV: Pharmaceutical Research and the Law

Research relating to Drugs and Pharmaceutical products – New Drug licensing - Clinical trials guidelines by WHO – European Convention - Drug licensing procedures in India, U.K. and U.S.A.

Module V: Biological Resources and Scientific Research

Research on Biological Resources- International and National Approaches -Protection of animals in research- Biotechnological research - Rules relating to DNA research, guidelines by Bio Safety Commission - Cloning of Human beings-Human rights and ethical issues.

References

1. John de la Mothe (Ed.), Science, Technology and Governance, Cassell, London,1999
2. World Drug Report, UN International Drug Control Programme.
3. Casino Marco Mazzoni, Ethics and Law in Biological Research, Kluwer Law International,2002
4. Ted Peters, Playing God? Genetic Determinism and Human Freedom, Routledge, 2014
5. Michael Freeman (Ed.), Science in Court, Routledge,1998
6. Ziman, The World of Science &the Rule of Law,OUP,1986

Law of Co-operative Societies

Semester 10	General Elective	(25-272-1008)

Course Objectives

The course aims to provide an understanding about the concept of cooperatives- society. It enables to acquire knowledge about the evolution of the concept and imparting information about the historical development of co-operative Societies. It aims to acquaint the students with relevant provisions of the Co-operative Societies Act, 1969 and illustrating the structure and functioning of the Co-operative Societies. It also aims discussion on the procedures relating to settlement of disputes, winding up and amalgamation procedure.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Appreciate the advantages of forming a co-operative society	Analyse
CO2	Understand the structure & composition of a co-operative society	Understand
CO3	Explain legal formalities regarding the formation, functioning, winding up & dissolution of a co-operative society	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	2	3	3	2
CO2	3	2	3	3
CO3	2	3	2	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Evolution and Historical Development of Co-operative Societies**

The concept of co-operation–definition, nature, values, objectives and principles- history and development of co-operatives –association and enterprise characteristics- different types of co-operatives - classification of co-operative societies-departmental set up.

Module II: Co-operative Societies Law

Selected provisions of Kerala Cooperative Societies Act–Registration- cancellation and suspension of registration- Powers of Registrar-amendment of byelaws -amalgamation and division-members-rights and liabilities

Module III: Composition, Powers and Privileges of Co-operative Societies

Management of societies– General body, Board of Directors, Chief Executive Officer–powers, election and nomination –privileges of societies

Module IV: Management of Funds

Properties and funds of societies-disposal of net profit-cooperative education fund- maintenance of fluid resources

Module V: Enforcement Mechanism and Winding Up

Audit of societies-settlement of disputes-execution of awards & decrees - winding up and dissolution of co-operative societies- liquidator, powers and liquidation procedure.

References

1. Sugathan, Law Relating to Co-operative Societies in India.
2. T.R.Sreenivasan, Law and Practice of Co-operative Societies in India, Law Book Company, 1968.
3. Mohanan.P.N., Co-operative Laws in Kerala with Allied Laws, Kerala State Publication.
4. Bedi R.D, Theory, History & Practice of Cooperation, Loyal Book depot, Meerut, 2001.
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6. S Parameswaran, Law Relating to Societies Registration, Universal Law Publishing, 2017

Private International Law

Semester 10	General Elective	(25-272-1009)

Course Objectives

The objective of the course is to kindle academic interest in Private International Law so as to benefit future legal practice and further pursuit of legal studies. The entire gamut of Indian and English Private International Law, the theories and rules which are in consonance with the need of our contemporary society and modern thought will be the principal focus of this course.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Familiarize with legal terms, significant theories, and basic legal rules and principles of Private International Law	Understand
CO2	Analyse the different personal laws in relation to problems that arise when courts are dealing with persons domiciled in India with foreign nexus	Analyse
CO3	Address legal issues of persons living abroad in contracts, trade and cross border investment	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	2	2	1	2
CO2	1	2	3	2
CO3	2	3	2	1

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Introduction to Private International Law

Nature and scope of private international law – Theories and fundamental concepts - Codification of Private International Law – Distinction between Public International Law and Private International Law - Choice of Law – Renvoi – Concept of Domicile

Module II : Jurisdiction

Jurisdiction involving foreign elements – persons – status and capacity - Jurisdiction over Corporations – Forum shopping – Forum non-convenience – Anti-suit injunctions

Module III: Family and Property Law

Family Law matters - validity and effect of marriage - divorce - legitimacy - adoption – Recognition of Foreign Adoptions - Adoption by foreign Parents - guardianship and maintenance - property - transfer - succession - administration of estates.

Module IV: Contractual Relations and Tortious Liability

Contract – formation – Interpretation - Illegality and discharge – Torts – Double Action ability rule – Insolvency Jurisdiction and effects of foreign insolvency proceedings.

Module V: Foreign Judgment, Decrees and Awards

Foreign judgment – Recognition - Procedure and evidence – Stay of Proceeding – Proof of foreign law – Enforcement of foreign judgments, decrees and Foreign Arbitral Awards

Reference

1. R.S. Chavan, Indian Private International Law, Sterling Publishers Pvt. Ltd.,1982.
2. Dicey A V & Morris J H C Conflict of Laws (Sweet & Maxwell2018)
3. North and Fawcett, Cheshire and North's Private International Law, OUP2017
4. Abia Mayss, Principles of Conflict of Laws, 3rd ed. Cavendish Publishing Ltd., U.K., 1999.
5. John O'Brien, Smith's Conflict of Laws, Cavendish Publishing Ltd., U.K.,1999.
6. Atul M. Setalvad, Conflict of Laws, Lexis Nexis, Nagpur,2009
7. Paras Diwan and Peeyushi Diwan, Private International Law, Deep and Deep Publications, Delhi,1998.
8. V. C. Govindaraj, The conflict of Laws in India, Oxford University Press,2019

Science, Technology and Law

Semester 10	General Elective	(25-272-1010)

Course Objectives

This course aims at critically evaluating the challenges for Law in the wake of scientific advancements and the resultant technologies. As science challenges a lot of conventional concepts, ethics and morality, Law has to create a balance between restricting the misuse of the same, while to allow its use for the welfare of mankind. This course aims at having a vivid idea of the international as well as national norms in this regard, having the human rights overtones as the basis.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the conflict between ethics, and morality on the one hand, and scientific advancement on the other and the role of Law in balancing them.	Understand
CO2	Develop the capacity to take a balanced approach in dealing with the conflict between ethics use of technologies	Apply
CO3	Analyse the legal and ethical issues in use of Artificial intelligence	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	2	2	1	2
CO2	1	2	3	2
CO3	2	3	2	1

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Science and Social Conflicts**

Impact of science on society–Scientific Advancement and Constitutional Values–Role of law in balancing conflict between science and customary values- rule of social acceptance of norms.

Module II: Ethics in Scientific Research

Scientific research and its social implications-science and ethics-human and animal research-Bioethics - ethical and legal concerns- Privacy, autonomy, self-determination and other human rights in scientific research.

Module III: Scientific Advancements and Law

Science and problem of human civilization-application of scientific knowledge environmental hazards – Nuclear disaster-impact of scientific developments on environment-legal response–

State liability- limitations by law.

Module IV :Biotechnology and Law

Problems raised by developments in biological sciences–knowledge in genetics and its social implications- regulation on research over human body materials- human body as property- implications - ethical problems in human genetics- judicial responses- patenting living organisms.

Module V: Artificial Intelligence and Law

Replacing human intelligence by artificial intelligence- Legal and ethical challenges- Artificial intelligence -Robotics- Block chain - Impact on socialization process and limitations- National and international legal measures.

Reference

- 1 Robin Feldman, Role of Science in Law, Oxford University Press, 2009
- 2 Rohan J. Hardcastle, Law and the Human Body- Property, ownership and control, Hart Publishing,2009
- 3 Kevin D. Ashley, Artificial Intelligence and Legal Analytics: New Tools for the legal practice in the Digital Age, Cambridge University Press, 2017.
- 4 Joseph L.Daleiden, The Science of Morality: The Individual, Community, and Future Generations, Prometheus Publications,1998.
- 5 KatriLohmus, Caring Autonomy: European Human Rights Law and the challenge of individualism, Cambridge University Press,2015.
- 6 Sarah Devaney, Stem Cell Research and the Collaborative Regulation of Innovation, Routledge Publishers,2017
- 7 Rajeev Kuman Singh, Patenting of life forms: Ethical dimensions and judicial trends, Lap Lambert Academic Publishing, 2013
- 8 Dr. Gurmanpreet Kaur, Nuclear Policy and Law, Sathyam Law International,2018.
- 9 ICRIER Health Policy Initiative, Challenges and Prospects for Clinical Trials in India: A Regulatory Perspective, Academic Foundaiton,2018
- 10 Russell Sandberg, Religion, Law and Society, Cambridge University Press,2014.

X th Semester BBA LLB Special Electives (Any Three)

1	Competition Law
2	Law of Corporate Governance
3	Inter-State Trade & Commerce

4	Sports Law
5	Investment Law
6	International Commercial Arbitration

Competition Law

Semester 10	Special Elective	(25-272-1011)

Course Objectives

This course aims to develop a comprehensive understanding of competition law principles, legal doctrines, and their application in regulating market behavior. Students will enhance their analytical and critical thinking skills through the evaluation of complex issues related to collusion, abuse of dominance, merger control, and competition policy. Moreover, the course will foster research skills necessary for investigating and comprehending competition laws, comparative legal frameworks, judicial precedents, and legislative developments.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Demonstrate a comprehensive understanding of the basic concepts of competition law, including market types cartels, predatory pricing, and resale price maintenance.	Understand
CO2	Analyze the legal frameworks of competition law in the UK, US, and India	Analyse
CO3	Evaluate the regulation of anti-competitive agreements under the Competition Act.	Evaluate
CO4	Critically assess the regulation of abuse of dominant position in markets.	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	2	2
CO2	3	3	2	2
CO3	3	3	2	2
CO4	3	2	2	2

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Content**Module I : Introduction to Competition Law**

Basic Concepts –Customer and Consumer - Market – Types of Market - Perfect Market, Monopoly, Oligopoly and Monopsony - Cartel - Predatory Pricing - Resale Price Maintenance - Competition – Models of Competition - Competition Policy - Competition Law - Goals of Competition Law.

Module II : History and Development of Competition Law

History and Development of Competition Law - UK and US - An Overview of Legal Framework in USA – UK and EC Competition Law - History and Development of Competition Law in India - Constitutional vision of social justice - Sachar Committee, MRTP Act - Salient features and its amendment in 1991 - Liberalization and Globalization - Raghavan Committee Report - Competition Act - An Overview of Competition Law in India - Important Definitions under the Competition Act

Module III : Regulation of Collusion in the Market

Anti- Competitive Agreements under the Competition Act - Appreciable Adverse Effect on Competition in the Market - Determination of Relevant Market - Rule of Reason and per se Illegal Rule- Horizontal and Vertical restraints – Exemptions – Penalties - Prohibition of Anti-Competitive Agreements in EU, UK and US Laws.

Module IV : Regulation of Abuse of Dominant Position

Introduction - Dominance in the Market - Relevant Market - Effect on Competition in the Market - Abusive Conducts under Indian Law – Penalties - Prevention of Abuse of Dominance under EU, UK and US Laws.

Module V : Regulation of Combinations

Combinations: Merger, Acquisition, Amalgamation and Takeover - Horizontal, Vertical and Conglomerate Mergers - Combinations covered– Regulations – Penalties - Regulation of Combinations under EU, UK and US Laws - Controls over mergers amalgamation and takeovers – Competition Commission - Enforcement Mechanisms under the Competition Act- Competition Advocacy

References

1. Maher M. Dabbah, EC and UK Competition Law: Commentary, Cases and Materials, Cambridge University Press, 2010
2. Piet Jan Slot and Angus Johnston, An Introduction to Competition Law, Oxford and Portland, Oregon, 2017
3. Jonathan Faull and Ali Nikpay, The EC Law of Competition, University Press, 2014
4. T. Ramappa, Competition Law in India, Oxford University Press, 2016
5. Sandra Marco Colino, Competition Law, OUP, 2014
6. Abir Roy, Competition Law in India, Wolters Kluwer International, 2016
7. Richard Whish, Competition Law, Lexis Nexis, UK, 2003

8. Srinivasan Parthasarathy, Competition Law in India, Wolters Kluwer, 2017
9. VinodDhall, Competition Law Today: Concepts, Issues, and the Law in Practice, OUP, 2019
10. Dr. Aneesh V. Pillai (ed.), Short Notes on Competition Law in India, Regal Publications, New Delhi, 2017.

Law of Corporate Governance

Semester 10	Special Elective	(25-272-1012)

Course Objectives

This course aims to cultivate a profound understanding of corporate governance principles, legal frameworks, and ethical considerations in business management and shareholder relations. Students will enhance their analytical and critical thinking skills by evaluating complex issues surrounding corporate governance, including regulatory compliance, board effectiveness, and stakeholder management. Furthermore, the course aims to develop research skills essential for exploring and comprehending corporate governance laws, comparative governance practices, case studies, and evolving regulatory frameworks.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Demonstrate a comprehensive understanding of corporate governance models	Understand
CO2	Analyze the role of corporate governance rules	Analyse
CO3	Evaluate the governance structure of companies, including the composition of boards of directors, roles and responsibilities of directors	Evaluate
CO4	Appreciate investor protection measures and analyze specific corporate governance issues.	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	3	2
CO2	3	3	2	3
CO3	3	3	3	2
CO4	3	3	2	2

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Contents

Module I: Introduction to Corporate Governance

Models of corporate governance- Separation of ownership and control- Agency Problem-Conflicts of interests- Shareholder and Stakeholder theory- Expert Committees on Corporate governance - Comparative Corporate Governance- Convergence in Corporate Governance.

Module II: Sources of Corporate Governance Rules

External and internal rules of governance-MOA/AOA- Shareholder agreements-Legal operation of corporate governance rules- Alteration of internal rules- Listing obligations and requirements- Disclosure Requirements- Role of Stock Exchanges, SEBI.

Module III: Governance Structure of Companies

Composition of board of directors- Position of Directors-Distribution of power among corporate organs-Powers and duties of directors -Categories of directors- Board diversity -Board Processes - Board Committees – Appointment and removal of directors-Controls over executive remuneration.

Module IV:Investor Protection

Rights of Shareholders-Shareholder meetings- Shareholder Engagement methods-Control over abuse of power by directors- Inspection and Investigation into affairs of company- Role of auditors–Protection of Minority Shareholders- Derivative action- Remedies against oppression and mismanagement.

Module V: Specific Corporate Governance Issues

Corporate Governance issues related to ownership patterns - Corporate Governance in Family businesses-Governance issues in small and medium enterprises, start-ups- Governance in Public Sector Units- Government Companies-Institutional Investors - Vigilance mechanism- protection of whistle blowers.

References

1. Bob Tricker, Corporate Governance, Oxford, 2018.
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4. Jean Du Plessis and Umakanth Varottil, Globalisation of Corporate Social Responsibility and its Impact on Corporate Governance, Springer, 2018.
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8. Stephen Bainbridge, The New Corporate Governance Theory and Practice, Oxford, 2008.
9. Thomas Clarke, Theories of Corporate Governance, Routledge, 2004.
10. Brain Cheffings, Company Law, Theory, Structure and Operation, Clarendon Press, 1997.
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13. DD Prentice and PRJ Holland, Contemporary Issues in Corporate Governance, Clarendon Press: Oxford, 1993.
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Inter-State Trade & Commerce: Comparative Analysis

Semester 10	Special Elective	(25-272-1013)

Course Objectives

The course aims to develop a comprehensive understanding of the free flow of trade across state boundaries and the restrictions and regulations that can be imposed. To recall the origin and object of incorporation of provisions relating to trade, commerce and intercourse in the Indian Constitution and to distinguish between the provisions relating to trade, commerce and intercourse under the Indian Constitution and Australian Constitution. The course is intended to give a comparative insight into the Commerce Clause under the U.S Constitution with reference to the provisions of trade, commerce and intercourse in Indian Constitution.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Explore the constitutional framework, judicial interpretations and practical application of the provisions relating to interstate trade and commerce	Analyse
CO2	Explain the purpose and significance of the constitutional provisions related to interstate trade & commerce	Evaluate
CO3	Illustrate the interplay among various constitutional provisions involving interstate trade & commerce.	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	2
CO2	2	3	2	3
CO3	2	3	3	2

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Contents**Module I: Introduction to interstate trade and commerce**

Concept of Interstate trade and commerce – Significance of free trade and Commerce-Evolution of the provisions of interstate trade and commerce- Federalism- Cooperative Federalism.

Module II:Commerce Clause under the US & Australian Constitution

Definition of Commerce Clause under US Constitution- Analysis of the Commerce clause- Judicial interpretations of Commerce clause- Commerce clause and Federalism- Interstate trade and commerce under Australian Constitution

Module III: Interstate Trade and Commerce under Indian Constitution

Constitutional History- objective of the provisions in the Indian Constitution- distinction between the provisions of the Australian Constitution and the Indian Constitution

Module IV: Restrictions on Trade and Commerce

Distinction between Article 19(1) (g) and Article 301- dimensions of Article 19(1) (g) and Article 301- Power of the Parliament to impose restrictions- restrictions on legislative powers- restrictions on the power of state legislatures- judicial interpretations.

Module V: Inter-state Trade & Commerce and Federalism

Powers Conferred by Legislative entries and Tax laws- Harmonisation and facilitation of Interstate trade and Commerce in Federal set up- GST.

References

1. M.P. Jain, Indian Constitutional Law, (Vol 1 & 2) LexisNexis, 2022.
2. H.M. Seervai, Constitutional Law of India, Universal Publishing Co;

3. Alfred H. Kelly, The American Constitution, W.W. Norton & Co., New York, 1963
4. D.D. Basu, Shorter Constitution of India. (Vol.1 & 2) 16th edition ,2021
5. V.D. Sebastian, Indian Federalism: the Legislative Conflicts,1985

Sports Law

Semester 10	Special Elective	(25-272-1014)

Course Objectives

This course is intended to provide an idea about the legal framework governing professional sports industry. This course also provides an insight about the commercial and contractual aspects of sports law. It also helps students to understand the role of sports associations, agents, regulatory authorities and other stakeholders in sports industry.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand fundamental principles of law governing sports industry.	Understand
CO2	Appreciate the legal issues faced by sports persons and other stakeholders	Evaluate
CO3	Analyse the commercial aspects of sports law.	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	2	3
CO2	3	2	2	3
CO3	3	1	2	3

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Contents

Module I: Introduction to Sports Law

Growth of sports industry-Sports contracts- Legal rights and Duties of Sportspersons-Mercandising contracts-Agency Contracts-Sponsorship rights- Membership rights- Business and Trade in Sports- Professional Associations-Sports Leagues- - Sports Insurance – Sports Franchise

Module II : Sports & Intellectual Property Rights

Sporting Equipment's- Technical advancement- Role of patents- Branding Sports-Personality Rights-Trademarks and Designs-Licensing and Sponsorship issues involving IP-Ambush Marketing-Trade Secrets.

Module III: Media Rights in Sports

Broadcasting rights- TV and Digital Rights- Signal Piracy- Streaming Platforms- Advertisement Rights

Module IV: Sports Regulation and Governance in India

Employment and Recruitment: Legal Compliance- Health, safety and Risk Management- Regulation of Agents- Liability and Compensation in Sports- Role of Regulatory Authorities- Anti competitive Agreements- Spot Fixing- Doping-Sports Gambling –Human Rights issues in sports world.

Module V: Dispute Resolution in Sports

Commercial Disputes and Disciplinary disputes- Arbitration-Court of Arbitration for Sports (CAS) - Sports Arbitration Centre of India (SACI) – Resolution of IP related disputes- Negotiation- Mediation- Collective Bargaining.

References

1. Ray Yasser, Sports Law Cases and Materials , Carolina press, 2020
2. Nafziger and Gauthier (Ed), Handbook on International Sports Law, Edward Elgar, 2022
3. Mitten, Davis, et al., , Sports Law: Governance and Regulation, Wolters Kluwer, 2020
4. Dasgupta & Sen (Ed.) Sports Law in India, Sage Publications, 2018
5. Mudgal and Singhanian, Sports Law in India, Lexis Nexis, 2015
6. Cozzillio, Levinstein , et.al., Sports Law Cases and Materials, 2007

Investment Law

Semester 10	Special Elective	(25-272-1015)

Course Objectives

This course aims to cultivate a deep understanding of the substantive and procedural aspects of investment law. Students will enhance their analytical and critical thinking skills by evaluating complex investment law issues, including international investment agreements (IIAs) and investor-state dispute settlement (ISDS) mechanisms. Moreover, the course seeks to develop research competence by equipping students with the necessary skills to explore and comprehend investment laws, regulations, and international agreements.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the scope of investment law, differentiate between domestic and international investment, and analyze its historical evolution and legal framework.	Understand
CO2	Evaluate different types of international investment agreements (IIAs) and their substantive protections, including dispute settlement mechanisms.	Evaluate
CO3	Demonstrate understanding of investor-state dispute settlement (ISDS) mechanisms, including arbitration procedures and the analysis of ISDS case studies	Understand
CO4	Analyse contemporary issues in investment law, including environmental and social responsibility, transparency, accountability, and evaluate reform proposals and future trends	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	2
CO2	3	3	3	1
CO3	2	3	2	2
CO4	1	2	2	2

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Contents

Module I: Introduction to Investment Law

Concept and Scope of Investment Law - Definition and importance in global economics
Distinction between domestic and international investment law - Historical Evolution - Early treaties and bilateral investment agreements (BITs) - Development of investor-state arbitration - Legal Framework - Investment Protection - Principles of fair and equitable treatment - Protection against expropriation and discrimination

Module II: International Investment Agreements (IIAs)

IIAs - Types and Characteristics - Bilateral Investment Treaties (BITs) - Multilateral treaties and regional agreements (e.g., NAFTA, ASEAN agreements) - Substantive Protections - Investment guarantees and obligations - Dispute settlement mechanisms (arbitration vs. national courts)

Module III: Investor-State Dispute Settlement (ISDS)

Introduction to ISDS - Purpose and evolution - Role of International Arbitration - Arbitration Procedures - Commencement of proceedings - Selection and appointment of arbitrators - Conduct of arbitral proceedings - Significant ISDS cases and their outcomes

Module IV: Contemporary Issues in Investment Law

Environmental and Social Responsibility - Balancing investment protection with sustainable development goals - Transparency and Accountability - Transparency in treaty negotiations and arbitral proceedings - Role of civil society and non-governmental organizations (NGOs) - Reform and Future Trends - Emerging trends in international investment law

Module V: National and International Investment Regulation

National Investment Laws - Regulatory frameworks and investment promotion agencies - Impact of investment treaties on domestic law - International Investment Organizations - Roles of ICSID, UNCITRAL, and other international bodies - Harmonization efforts and model laws

References

1. Rudolf Dolzer and Christoph Schreuer, *Principles of International Investment Law*, Oxford University Press, 2012
2. Peter Muchlinski, Federico Ortino, and Christoph Schreuer (eds), *The Oxford Handbook of International Investment Law*, Oxford University Press, 2008
3. Jeswald W. Salacuse, *The Law of Investment Treaties*, Oxford University Press, 2010.
4. Stephan W. Schill, *The Multilateralization of International Investment Law* (Cambridge University Press, 2009
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10. Gus Van Harten, *Investment Treaty Arbitration and Public Law*, Oxford University Press, 2007
11. Constantinos Titi, *The Effect of Treaties on Foreign Direct Investment: Bilateral Investment Treaties, Double Taxation Treaties, and Investment Flows*, Routledge, 2013
12. Andrea Bjorklund, *Investment Law and International Law*, Edward Elgar Publishing, 2012
13. Surya Subedi, *International Investment Law: Reconciling Policy and Principle*, Hart Publishing, 2008
14. S. K. Mohanty, *India's Model Bilateral Investment Treaty*, LexisNexis, 2013

International Commercial Arbitration

Semester 10	Special Elective	(25-272-1016)

Course Objectives

This course aims to foster a comprehensive understanding of international commercial arbitration's substantive and procedural aspects. Students will enhance analytical and critical thinking skills by evaluating complex arbitration issues and case law. Additionally, the course aims to develop research skills necessary for exploring and understanding arbitration laws, rules, and practices.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand international commercial arbitration, differentiate it from other ADR methods, and analyze its historical and legal evolution, including relevant international conventions and national laws.	Understand
CO2	Demonstrate understanding of arbitration proceedings, including commencement, procedural issues, interim measures, enforcement and setting aside.	Understand
CO3	Evaluate arbitration agreements, including essential elements, enforceability, and related doctrines like separability and competence-competence.	Evaluate
CO4	Discuss contemporary issues in international commercial arbitration	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	2
CO2	3	3	3	1
CO3	2	3	2	2
CO4	1	2	2	2

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Contents**Module I: Introduction to International Commercial Arbitration**

Concept and Definition - Distinctions between arbitration and other forms of ADR - Historical Evolution - Legal Framework - Overview of key international conventions (New York Convention, UNCITRAL Model Law) - National arbitration laws and their impact on international arbitration - Arbitration Agreements - Definition and forms of arbitration agreements - Essential elements and enforceability - Doctrine of separability and competence-competence

Module II: Arbitration Institutions and Rules

Major Arbitration Institutions - International Chamber of Commerce - London Court of International Arbitration - International Centre for Dispute Resolution - Singapore International Arbitration Centre - Hong Kong International Arbitration Centre - Arbitration Rules - Overview of institutional rules (ICC, LCIA, SIAC, etc.) - Ad hoc arbitration and the UNCITRAL Arbitration Rules - Appointment of Arbitrators - Criteria and procedures for selecting arbitrators - Independence and impartiality of arbitrators - Challenges and removal of arbitrators

Module III: Arbitration Proceedings

Commencement of Arbitration - Notice of arbitration and response - Initial procedural steps - Procedural Issues - Hearings and Post-Hearing Submissions - Oral arguments and examination of witnesses - Interim Measures: Types of interim measures (security for costs, preservation orders) - Jurisdiction to grant interim measures

Module IV: Arbitral Awards

Types of Awards - Final and partial awards - Consent awards and default awards - Form and Content of Awards - Essential elements of a valid award - Correction and Interpretation of Awards: Mechanisms for correction and interpretation - Additional awards - Enforcement and Setting Aside of Awards - Recognition and enforcement under the New York Convention - Grounds for setting

aside an award (domestic and international context) - Role of national courts in enforcement and annulment

Module V: Contemporary Issues and Future Directions in International Commercial Arbitration

Investment Arbitration -Overview of investor-state dispute settlement (ISDS) - Key instruments (ICSID Convention, BITs, Energy Charter Treaty) - Recent developments and criticisms - Third-Party Funding- Role and regulation of third-party funding in arbitration - Use of technology in arbitration proceedings (virtual hearings, e-discovery) - Impact of technology on efficiency and accessibility - Reform and Future Trends

References

1. Albert Jan van den Berg (ed), *International Arbitration and National Courts: The Never Ending Story* (Kluwer Law International 2001)
2. Albert Jan van den Berg, *New Horizons in International Commercial Arbitration and Beyond* (Kluwer Law International 2005)
3. Bernard Hanotiau, *Complex Arbitrations: Multiparty, Multicontract, Multi-issue and Class Actions*, Kluwer Law International 2020
4. Emmanuel Gaillard and John Savage (eds), *Fouchard, Gaillard, Goldman on International Commercial Arbitration*, Kluwer Law International 1999.
5. Emmanuel Gaillard, *Legal Theory of International Arbitration* (Martinus Nijhoff Publishers 2010)
6. Gary Born, *International Arbitration: Law and Practice*, Kluwer Law International ,2015
7. Gary Born, *International Commercial Arbitration*, Kluwer Law International 2014
8. James H. Carter and John Fellas (eds), *International Commercial Arbitration in New York* Oxford University Press 2016
9. Julian D.M. Lew, Loukas A. Mistelis, and Stefan Kröll, *Comparative International Commercial Arbitration*, Kluwer Law International, 2003
10. Klaus Peter Berger, *International Economic Arbitration*, Kluwer Law International 1993
11. Loukas A. Mistelis (ed), *Concise International Arbitration*, Kluwer Law International 2015
12. Loukas A. Mistelis and Stavros L. Brekoulakis (eds), *Arbitrability: International and Comparative Perspectives*, Kluwer Law International ,2009
13. Margaret L. Moses, *The Principles and Practice of International Commercial Arbitration* (3rd edn, Cambridge University Press ,2017
14. Nigel Blackaby, Constantine Partasides, et al., *Redfern and Hunter on International Arbitration*, Oxford University Press 2015
15. Redfern and Hunter, *Law and Practice of International Commercial Arbitration* Oxford University Press, 2015
16. William W. Park, *Arbitration of International Business Disputes: Studies in Law and Practice*, Oxford University Press, 2012

VII. COURSE VIVA VOCE

The course viva- voce shall be conducted by a panel of three members including one external expert. Students should bring record of practical work and internship for viva- Voce.

VIII. COURSE INTERNSHIP

Every student registered for the 5-year integrated LLB course shall complete a minimum of 20 weeks of internship during the course. The Department Council (DC) shall announce the period of internships for the academic year. The student shall comply with The Internship Rules, 2024 approved by SLS, CUSAT in compliance with the Bar Council of India (BCI) Rules of Legal Education, 2008. Students shall submit report and diary of internship on completion of each internship. Internship will be evaluated on a yearly basis by the faculty coordinators. Credits for internship will be awarded in the final semester based on consolidated marks of internship work done during the course.

COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY, KOCHI - 22



Five Year B.Com LLB (Honours) Programme

Regulations & Scheme – 2025

(w.e.f. 2025 Admissions)

**SCHOOL OF LEGAL STUDIES
CUSAT**

School of Legal Studies, CUSAT

**Five Year B.Com. LL.B. (Honours) Programme (Regulations), 2025
(w.e.f 2025 Admissions)**

1. Introduction to the Course

- The **Five Year Bachelor's Degree in Commerce (B.Com.) and Law (LL.B.) (Honours) Programme** shall consist of regular course of study for a minimum period of 10 semesters in five years after plus two.
- The course of study shall be by regular attendance at the requisite number of lectures, tutorials and practical training.
- The medium of instruction shall be English.
- Number of seats: Number of students to be admitted each year shall be decided and notified by the University from time to time.

2. Eligibility

- **Minimum qualification for admission:** A candidate who seeks admission to the course shall have passed plus two examinations with the prescribed percentage of marks (including languages) at the time of admission. The candidate should have secured a minimum of sixty percent (60%) marks for the plus two examinations if he/she pursued science group. The candidates who are from the commerce/arts/humanities stream shall have a minimum of fifty-five (55%) percentage of marks for the plus two examinations. The relaxation in pass percentage marks for candidates belonging to SC/ST /SEBC communities will be decided by CUSAT through its orders from time to time.
- **Age Limit:** The maximum and the minimum age for seeking admission into a stream of integrated Bachelor of law degree program, if any will also be determined by CUSAT through its orders from time to time.

3. Procedure for selection

- Admission to the course shall be made from the rank list prepared by the University on the basis of the score obtained by the candidate in the Common Admission Test conducted by the University annually.
- In making selection for admission, the pattern of reservation prescribed by the University shall be followed.

4. Fee structure

A student shall pay the fees prescribed by the University from time to time.

5. Curriculum

The B.Com. LL.B. (Hons.) curriculum shall consist of 18 compulsory courses in Commerce and 2 courses in English, 26 compulsory courses in Law including clinical courses and 14 elective courses in Law. Six of the elective courses shall be chosen and offered by the Law School from among the General Elective Courses. The other eight elective courses shall be chosen either wholly from a particular group or from various groups such as Special Elective Groups viz., Constitutional Law, Business Law, Law and Agriculture, Intellectual Property Law and such other groups introduced by the University/Bar Council from time to time depending upon the availability of infrastructural facilities.

Subjects

A. Compulsory Courses in Law

1. Administrative Law
2. Civil Procedure Code and Limitation Act
3. Company Law
4. Constitutional Law – I
5. Constitutional Law – II
6. Consumer Protection Law
7. Environmental Law
8. Family Law – I
9. Family Law – II
10. General Principles of Contract (Law of Contract – I)
11. Jurisprudence (Legal Method, Indian Legal System and Basic Theory of Law)
12. Labour Law – I (Trade Unions and Industrial Disputes)
13. Labour Law – II (Social Securities Law)
14. Law of Crimes-I
15. Law of Crimes-II
16. Law of Criminal Procedure
17. Law of Evidence
18. Law of Torts and Motor Vehicles Accidents
19. Principles of Taxation Law
20. Property Law
21. Public International Law
22. Special Contracts (Law of Contract – II)

B. Compulsory Clinical Courses in Law

1. Drafting, Pleading and Conveyancing
2. Professional Ethics and Professional Accounting System
3. Mediation, Conciliation and Arbitration
4. Moot Court Exercise and Court Visit
5. Internship

C. Courses in Commerce and Management

1. Accounting for Specialised Institutions

2. Auditing : Principles and Practice
3. Business Communication
4. Business Environment
5. Business Organisation And Management
6. Business Statistics
7. Cooperation and Rural Development
8. Corporate Accounting
9. Cost Accounting
10. Entrepreneurship Development
11. Financial Accounting
12. Financial Management
13. Human Resource Management
14. Information Technology for Business and Law
15. Life Insurance & Social Security
16. Managerial Economics
17. Marketing Management
18. Modern Banking
19. General English – 1
20. General English – II

D. General Elective Courses in Law

1. Air and Space Law
2. Animal Protection Law
3. Criminology, Penology and Victimology
4. Disability Law
5. Disaster Management Law
6. Forensic Science and Medical Jurisprudence
7. Healthcare Law
8. Human Rights Law
9. Intellectual Property Laws
10. International Humanitarian and Refugee Law
11. Interpretation of Statutes
12. Land Utilization Law
13. Law and Medicine
14. Law Governing Scientific Research
15. Law of Co-operative Societies
16. Law of Local Self Government
17. Law of the Sea
18. Law on Building and Engineering Contracts
19. Law Relating to Child
20. Law, Poverty and Development
21. Laws Relating to Agriculture
22. Laws Relating to Armed Forces
23. Private International Law
24. Science, Technology and Law
25. Women and Criminal Law
26. Law on Democracy and Elections in India

27. Human Rights & Criminal Justice Administration

E. Special Elective Courses in Business Law

1. Banking Law
2. Bankruptcy and Insolvency Law
3. Competition Law
4. Foreign Trade Law
5. Information Technology Law
6. Insurance Law
7. Law of Carriages
8. Law of Corporate Governance
9. Law of Merger and Acquisition
10. Law on Corporate Finance
11. Law Relating to Ships
12. Marine Safety Law
13. International Trade Law
14. Securities Law
15. International Commercial Arbitration
16. Investment Law
17. Inter-state Trade & Commerce: Comparative Study
18. Sports Law

6. Teaching Scheme

Every teacher shall prepare a teaching plan at the commencement of the course. The teaching plan shall contain the details of lectures, seminars, discussions, treatises and other materials relied upon by him or her for handling the classes which shall be participatory. Discussion methods of teaching will be adopted.

7. Hours of Instruction

Six day week shall be followed with Sunday being holiday. Second and Fourth Saturdays will be holidays. The class hours shall be from 9 am to 4 pm with lunch break between 1pm and 2 pm. Tutorial/ remedial classes may be arranged from 4 pm- 5 pm.

8. Uniform

The students shall wear the uniform except on Wednesdays and Saturdays.

Prescribed Uniform:

For Boys: Black pants and white shirt, neat, presentable and formal.

For Girls: Black pants and white shirt, neat, presentable and formal
or White Salwar with Black bottom and black over coat.

Dress code is to be strictly observed including on exam days.

Non-compliance can entail fine upto 100 /- per day and will warrant disciplinary action. The find amount collected will go towards Cochin University Legal Aid Clinic (CULAC) fund.

9. Code of Conduct

Every student shall foster and maintain a vibrant academic, intellectual, cultural and social atmosphere which is consistent with the objectives of the University. The students shall strictly adhere to the Cochin University Students (Conduct and Disciplinary) Code 2005.

10. Examination

The evaluation of students in a course shall have two components:

- a) Evaluation through a Semester-end examination and
- b) Continuous evaluation by the course teacher(s).

- There shall be a University examination at the end of each semester. Candidates having attendance not less than 70% in each paper and 75 % in aggregate alone shall be admitted to the end semester examination.
- Marks for attendance will be awarded as per the University orders/circulars.
- Criteria for condonation of shortage of attendance will be decided by CUSAT through its orders from time to time.
- For each written paper carrying 100 marks, 50% shall be set apart for internal assessment and 50% marks for the end semester examinations. Internal assessment shall be made on the basis of overall performance during the semester based on parameters such as regularity of attendance, preparation and presentation of assignments, test paper scoring and class room participation etc. The scheme for internal evaluation will be as follows:

Sl no:	Internal Component	Marks
1	Attendance	5
2	Test paper	20
3	Assignment Submission	10
4	Assignment Presentation	10
5	Class participation	5
Total marks		50

The internal evaluation scheme may be amended by the Department Council as and when required.

- The performance in practical training papers shall be assessed internally.
- A candidate who is registered and or is entitled to be presented for the examination in a semester shall be entitled to pursue the studies for the next semester of the course.
- There shall be a Viva-Voce at the end of tenth semester examination which may cover all the courses taught for the whole programme. The viva board shall consist of the Chairman and two examiners, at least one of whom shall be an external examiner.

- The conduct of examination and other related matters shall be as per the University Exam Manual/regulations/orders which may be subject to changes as notified by the University from time to time. Improvement exam for end semester Examination, re-admission and validity of registration to complete the programme will be as per University rules.

11. Course Internship

Every student registered for the 5-year integrated LLB course shall complete a minimum of 20 weeks of course internship. The internship shall be done in compliance with the Internship Rules adopted by the Department Council. The Department Council (DC) shall announce the period during which the internship for the academic year shall be done. Internship will be evaluated on a yearly basis by a board consisting of two internal examiners. The student shall submit the internship report and diary after completion of each internship. The evaluation will be done as per criteria laid down in Internship Rules adopted by the Department Council from time to time. Internship shall be evaluated for a total of 100 marks which shall be entered in the Xth semester examination mark sheet.

12. Pass minimum and classification

- **Pass requirement:** For each course the pass requirement is 40% of the aggregate marks(continuous assessment marks + semester end exam marks) with a separate requirement of minimum 40% for the semester end examination. Those who fail in the semester end examination of any course may repeat the semester end examination of that course in the next available chance.
- **“Save a Year” supplementary examinations:** Special “Save a Year” supplementary examinations will be conducted for students who have failed in their final two semesters (Regular UG programme- 9th & 10th Semester). Special supplementary examination for final semester will be conducted after the publication of that semester results. The exam will be conducted for all courses of that semester. The student will be awarded the actual grade he/she obtains in the special supplementary examination. Those who fail in the end-semester examination/special supplementary examination of any course may repeat the semester end examination of that course in the next available chances.
- **Improvement Examination:** The students are permitted to improve their marks in the end-semester examination subject to the conditions below:
 - i. The student can write the improvement exam only for courses where he/she secured P grade or above in the regular chance.
 - ii. The number of courses where a student can register for improvement exam is restricted to a maximum of two courses per semester.
 - iii. The improvement exam is not permitted for courses offered in the final two semesters of the programme (Semester IX and X).
 - iv. The improvement exam should be written in the next available chance with the immediately following batch.

v. There will be no improvement for internal examinations or practical examinations.

vi. The higher of the marks (original mark or improvement marks) will be treated as the final end semester marks for grade calculation.

- The minimum credit to qualify the degree is 300 credits.
- Ranking shall be done on the basis of marks obtained by the candidate in the whole examination passed in the first chance.

13. Grading

The following 10-point grading system shall be adopted. The grades will be awarded for each course based on the aggregate marks (continuous assessment marks+ end semester examination marks) obtained subject to the requirement of minimum 40% for the semester end examination.

Percentage of Marks obtained	Grade points	Letter Grade	Description
95 - 100	10	O	Outstanding
85 – 94.99	9	A+	Excellent
75 – 84.99	8	A	Very Good
65 – 74.99	7	B+	Good
55 – 64.99	6	B	Above Average
45-54.99	5	C	Average
40-44.99	4	P	Pass
Below 40	F	0	Fail
Absent	Ab	0	Ab

A student is considered to have earned credits in respect of a course if he/she secures a grade other than F for that course.

Grade Point Average

Overall performance at the end of the semester will be indicated by **Grade Point Average (GPA)** calculated as follows:

$$\text{GPA} = \frac{G_1C_1 + G_2C_2 + G_3C_3 + \dots + G_nC_n}{C_1 + C_2 + C_3 + \dots + C_n}$$

Where ‘G’ refers to the grade point and ‘C’ refers to the credit value of the corresponding course undergone by the student. The Grade Point Average (GPA) for each semester will be calculated only for those students who have passed all the registered courses of that semester. Similarly, Cumulative Grade Point Average (CGPA) up to any semester will be calculated only for those students who have passed all the courses up to that semester.

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At the end of the final semester Cumulative Grade Point Average (CGPA) will be calculated based on the above formula, considering the Credits and Grades earned during the entire programme of study.

The classification based on CGPA will be as follows:

First Class with Distinction (FCD)	CGPA 7.5 and above
First Class	CGPA 6 to 7.499
Second Class	CGPA 5 to 5.999

Accordingly, the pass requirements shall be modified as:-

- i. For each course, 40% of the aggregate marks (continues assessment marks + end semester marks) with a separate minimum requirement of 40% for the end semester examination.
- ii. Minimum aggregate CGPA required for successful completion of the programme will be 4.0.

Conversion of GPA/CGPA to Percentage marks

The CGPA to percentage conversions shall be done using the formula:

$$\% \text{ marks} = \text{CGPA} \times 10$$

Grade Card

The Grade Card issued at the end of the semester to each student by the Controller of Examinations, will contain the following:

- a) The code, title, number of credits of each course registered in the semester,
- b) The letter grade obtained,
- c) The total number of credits earned by the student upto the end of that semester and
- d) GPA & CGPA.

14. Revision of Regulations and Curriculum

The University may from time to time revise, amend or change the Regulations, scheme of Examinations and the syllabus. The amended Regulations will be effective from B.Com LLB (Hons.) 2025 admission onwards.

Programme Objectives, Outcomes and Mapping

Vision of the Cochin University of Science and Technology

The University aims to become an Institution of Global Standards by continuously improving its quality of academic activities, taking up research and innovation in the frontier areas and by ensuring conducive state-of-the-art infrastructural facilities.

Mission of the Cochin University of Science and Technology

CUSAT will continuously strive to generate a human resource of global competence by imparting the most modern knowledge and training to its student community and to take up Research and Development activities in the frontier areas to contribute positively to the progress of the society and the Nation. The University shall have the following objectives as its mission:

- To encourage and promote research and innovation in applied science, technology, industry, commerce, management and social science for the advancement of knowledge and the betterment of society.
- To provide facilities and offer opportunities for graduate and post-graduate education in applied science, technology, industry, commerce, management and social science by instruction, training, research, development, innovation and extension and by such other means as the University may deem fit.
- To devise and implement programmes of education in applied science, technology, industry, commerce, management and social science that is relevant to the changing needs of society, in terms of breadth of diversity and depth of specialization.
- To serve as a centre for fostering co-operation and exchange of ideas between the academic and research community on the one hand and industry on the other.
- To organize exchange programmes with other institutions of repute in India and abroad to keep abreast of the latest innovation and developments in relevant areas of teaching and research.

Programme Specific Outcome

PSO 1: To assimilate the study of law in terms of financial administration so as to groom professionals who can effectively lead as well as advice the corporate as well as the legal world.

PSO 2: To provide hands on experience in critical legal reasoning and skills so as to be experts in the field of law and accounting.

PSO 3: To identify, analyse and resolve legal and Accounting issues as well as play decisive and different roles as a legal practitioner, judge, researcher, advisor, arbiter, entrepreneur and accounting professional.

PSO 4: To cultivate the ability to be responsible leaders of business organisations by incorporating the fine principles of law and justice.

Mapping Vision and Mission of the University with the Programme Objectives:

	PO 1	PO 2	PO 3	PO 4
Vision of the University	√	√	√	√
Mission 1	√	√	√	√
Mission 2	√	√	√	√
Mission 3	√	√	√	√
Mission 4		√		
Mission 5		√		

Course Contents and Syllabi in OBL format

The reference materials given are inclusive. The stakeholders are expected to refer the latest decisions, legislations, international documents, books, articles case laws and other materials. In the case of books, the latest edition is expected to be referred.

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B.Com LLB (Hons.) Courses by Semester							
Sl. No.	Subject	Subject Code	*Hours of Instructions	Marks	Marks	Total	Credit
				Internal	External		
Semester I							
1	General English-1	25-273-0101	6hours	50	50	100	5
2	Business Organisation and Management	25-273-0102	6hours	50	50	100	5
3	Business Statistics	25-273-0103	6hours	50	50	100	5
4	Managerial Economics	25-273-0104	6hours	50	50	100	5
5	General Principles of Contract (Law of Contract–I)	25-273-0105	6hours	50	50	100	5
6	Law of Torts and Motor Vehicle Accidents	25-273-0106	6hours	50	50	100	5
	TOTAL			300	300	600	30
Semester II							
1	General English–II	25-273-0201	6hours	50	50	100	5
2	Business Communication	25-273-0202	6hours	50	50	100	5
3	Business Environment	25-273-0203	6hours	50	50	100	5
4	Financial Accounting	25-273-0204	6hours	50	50	100	5

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5	Constitutional Law–I	25-273-0205	6hours	50	50	100	5
6	Special Contracts (Law of Contract - II)	25-273-0206	6hours	50	50	100	5
	TOTAL			300	300	600	30
Semester III							
1	Life Insurance and Social Security	25-273-0301	6hours	50	50	100	5
2	Cost Accounting	25-273-0302	6hours	50	50	100	5
3	Modern Banking	25-273-0303	6hours	50	50	100	5
4	Constitutional Law–II	25-273-0304	6hours	50	50	100	5
5	Jurisprudence (Legal Method, Indian Legal System and Basic Theory of Law)	25-273-0305	6hours	50	50	100	5
6	Law of Crimes-I	25-273-0306	6hours	50	50	100	5
	TOTAL			300	300	600	30
Semester IV							
1	Financial Management	25-273-0401	6hours	50	50	100	5
2	Human Resource Management	25-273-0402	6hours	50	50	100	5
3	Marketing Management	25-273-0403	6hours	50	50	100	5
4	Administrative Law	25-273-0404	6hours	50	50	100	5
5	Family Law–I	25-273-0405	6hours	50	50	100	5

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6	Law of Crimes-II	25-273-0406	6hours	50	50	100	5
	TOTAL			300	300	600	30
Semester V							
1	Management Accounting	25-273-0501	6hours	50	50	100	5
2	Information Technology for Business and Law	25-273-0502	6hours	50	50	100	5
3	Consumer Protection Law	25-273-0503	6hours	50	50	100	5
4	Family Law–II	25-273-0504	6hours	50	50	100	5
5	Law of Criminal Procedure	25-273-0505	6hours	50	50	100	5
6	Law of Evidence	25-273-0506	6hours	50	50	100	5
	TOTAL			300	300	600	30
Semester VI							
1	Corporate Accounting	25-273-0601	6hours	50	50	100	5
2	Entrepreneurship Development	25-273-0602	6hours	50	50	100	5
3	Civil Procedure Code and Limitation Act	25-273-0603	6hours	50	50	100	5
4	Company Law	25-273-0604	6hours	50	50	100	5
5	Labour Law–I (Trade Unions and Industrial Disputes)	25-273-0605	6hours	50	50	100	5

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6	Public International Law	25-273-0606	6hours	50	50	100	5
	TOTAL			300	300	600	30
Semester VII							
1	Accounting for Specialised Institutions	25-273-0701	6hours	50	50	100	5
2	Environmental Law	25-273-0702	6hours	50	50	100	5
3	Labour Law–II (Social Security Laws)	25-273-0703	6hours	50	50	100	5
4	Principles of Taxation Law	25-273-0704	6hours	50	50	100	5
5	Property Law	25-273-0705	6hours	50	50	100	5
6	Drafting, Pleading and Conveyancing	25-273-0706	6hours	100	0	100	4
	TOTAL			350	250	600	29
Semester VIII							
1	Professional Ethics and Professional Accounting System	25-273-0801	6hours	100	0	100	4
2	Auditing Principles and Practice	25-273-0802	6hours	50	50	100	5
3	General Elective 1		6hours	50	50	100	5
4	General Elective 2		6hours	50	50	100	5
5	Special Elective 1		6hours	50	50	100	5
6	Special Elective 2		6hours	50	50	100	5

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	TOTAL			350	250	600	29
General Elective for VIII (Any Two)							
1	Air and Space Law	25-273-0803	6hours	50	50	100	5
2	Criminology, Penology and Victimology	25-273-0804	6hours	50	50	100	5
3	Disaster Management Law	25-273-0805	6hours	50	50	100	5
4	Human Rights Law	25-273-0806	6hours	50	50	100	5
5	Interpretation of Statutes	25-273-0807	6hours	50	50	100	5
6	Law on Building and Engineering Contracts	25-273-0808	6hours	50	50	100	5
7	Law Relating to Agriculture	25-273-0809	6hours	50	50	100	5
8	Law Relating to Child	25-273-0810	6hours	50	50	100	5
9	Women & Criminal Law	25-273-0811	6hours	50	50	100	5
Special Electives For VIII (Any Two)							
1	Securities Law	25-273-0812	6hours	50	50	100	5
2	Information Technology Law	25-273-0813	6hours	50	50	100	5
3	Banking Law	25-273-0814	6hours	50	50	100	5
4	Law of Carriages	25-273-0815	6hours	50	50	100	5
5	Foreign Trade Law	25-273-0816	6hours	50	50	100	5

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6	Law on Corporate Finance	25-273-0817	6hours	50	50	100	5
Semester IX							
1	Mediation, Conciliation and Arbitration	25-273-0901	6hours	100	0	100	4
2	General Elective 3		6hours	50	50	100	5
3	General Elective 4		6hours	50	50	100	5
4	Special Elective 3		6hours	50	50	100	5
5	Special Elective 4		6hours	50	50	100	5
6	Special Elective 5		6hours	50	50	100	5
	TOTAL			350	250	600	29
General Electives for IX (Any Two)							
1	Animal Protection Laws	25-273-0902	6hours	50	50	100	5
2	Intellectual Property Laws	25-273-0903	6hours	50	50	100	5
3	Forensic Science and Medical Jurisprudence	25-273-0904	6hours	50	50	100	5
4	Healthcare Law	25-273-0905	6hours	50	50	100	5
5	Law of Local Self Government	25-273-0906	6hours	50	50	100	5
6	Law of the Sea	25-273-0907	6hours	50	50	100	5
7	Law, Poverty and Development	25-273-0908	6hours	50	50	100	5

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8	Law and Medicine	25-273-0909	6hours	50	50	100	5
9	Human Rights & Criminal Justice Administration	25-273-0910	6hours	50	50	100	5
Special Electives for IX (Any Three)							
1	Bankruptcy and Insolvency Law	25-273-0911	6hours	50	50	100	5
2	Marine Safety Law	25-273-0912	6hours	50	50	100	5
3	Insurance Law	25-273-0913	6hours	50	50	100	5
4	Law Relating to Ships	25-273-0914	6hours	50	50	100	5
5	Law of Mergers and Acquisitions	25-273-0915	6hours	50	50	100	5
6	International Trade Law	25-273-0916	6hours	50	50	100	5
Semester X							
1	Moot Court Exercise and Court Visit	25-273-1001	6hours	100	0	100	4
2	General Elective 5		6hours	50	50	100	5
3	General Elective 6		6hours	50	50	100	5
4	Special Elective 6		6hours	50	50	100	5
5	Special Elective 7		6hours	50	50	100	5
6	Special Elective 8		6hours	50	50	100	5
7	Course Viva-Voce	25-273-1050	-	-	100	100	2

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8	Course Internship	25-273-1051	-	100	-	100	2
	Total			450	350	800	33
General Electives for X (Any Two)							
1	Law on Democracy and Elections in India	25-273-1002	6hours	50	50	100	5
2	International Humanitarian and Refugee Law	25-273-1003	6hours	50	50	100	5
3	Land Utilization Law	25-273-1004	6hours	50	50	100	5
4	Disability Law	25-273-1005	6hours	50	50	100	5
5	Law Relating to Armed Forces	25-273-1006	6hours	50	50	100	5
6	Law Governing Scientific Research	25-273-1007	6hours	50	50	100	5
7	Law of Co-operative Societies	25-273-1008	6hours	50	50	100	5
8	Private International Law	25-273-1009	6hours	50	50	100	5
9	Science, Technology and Law	25-273-1010	6hours	50	50	100	5
Special Electives for X (Any Three)							
1	Competition Law	25-273-1011	6hours	50	50	100	5
2	Law of Corporate Governance	25-273-1012	6hours	50	50	100	5
3	Inter-State Trade & Commerce: Comparative Study	25-273-1013	6hours	50	50	100	5
4	Sports Law	25-273-1014	6hours	50	50	100	5

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5	Investment Law	25-273-1015	6hours	50	50	100	5
6	International Commercial Arbitration	25-273-1016	6hours	50	50	100	5
	Grand Total (for the Course)			3300	2900	6200	300
*Hours of Instructions is inclusive of lectures, Moots, seminars, presentations, case-studies, etc. as per Legal Education rules of Bar Council of India							

Ist Semester B.Com LLB (Hons.)

1	General English-1
2	Business Organisation and Management
3	Business Statistics
4	Managerial Economics
5	General Principles of Contract (Law of Contract–I)
6	Law of Torts and Motor Vehicle Accidents

1. General English I

Semester 1	Course 1	(25-273-0101)

Course Objectives

The objective of the course is to give the students a strong foundation of the English language which in turn is the basis of legislations, judgments and other legal instruments. The course is to equip them with the correct usage of English language and thus the possible interpretations of the same. This is essential for the students to learn law, in applying law, in arguing law, in drafting, and in judgment writing.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Use the grammar correctly	Understand
CO2	Develop good vocabulary, writing skills, intellectual creativity and flexibility.	Apply
CO3	Nurture critical thinking and cultural literacy	Evaluate

CO –PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	3
CO2	3	2	2	2
CO3	2	2	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Tenses and Concord, Nouns, Pronouns, Relative Pronouns

Module II: Gerunds, Adjectives, Adverbs, basic transformations.

Module III: Complex and Compounds Sentences Conditionals. Reported Speech

Module IV: Question tags and short responses, Common errors in usage

Module V: Reading comprehension - Principles and practices. Listening comprehension

References

1. David B. Paie, How to Write Critical Essays?
2. Otto Jespersen, Growth and Structure of the English Language.
3. Bryand, English in the Law Courts.
4. Linter, The Practice of Criticism.
5. Lindley Murray, An English Grammar, Comprehending the Principles and Rules of the Language illustrated, 1806
6. Richard Posner, Law and Literature
7. Nani Palkiwala- We , The People
8. Justice M Hidayatullah, A Judges Miscellany

2. Business Organisation and Management

Semester 1	Course 2	(25-273-0102)

Course Objectives

The objectives of this course are to provide a basic knowledge to the students about the business organisations, to familiarize them with the basics of principles of management and to impart them an understanding of the art of management of business enterprises.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Demonstrate the realities of business and also provide industry insights that enables the student to have a strong foundation for becoming a successful businessman.	Understand

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CO2	Develop qualities of an effective team player to optimize organization's performance	Evaluate
CO3	Analyse various roles of managers in firms	Analyse

CO- PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	2
CO2	3	3	3	3
CO3	2	3	2	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Nature and Scope of Business

Meaning and characteristics of business; Divisions of business; Objectives of business; Business and economic systems; Evolution of Business; Forms of Business organisation; Requisites for success in modern business; Qualities of a Good Businessman

Module II: Nature of Management

Concept and features of management; Management and Administration; Nature of Management: Is Management a Science or an Art?, Is Management a Profession?, Universality of Management; Importance of management; Evolution of Management Thought

Module III: Functions of Management

Nature of management functions; Management Role; Functions at various of Levels of Management: Functions of Board of Directors, Functions of Chief Executive, Functions of Middle Management, Functions of Supervisory Management; Functional areas of management

Module IV: Managerial Planning, Decision Making and Design of Organisation Structure

Concept and nature of planning; Importance of planning; Steps in planning; Types of planning; Types of plans; Management by Objectives. Decision Making: Concept of decision and decision making; Types of decisions, Decision making process. Design of organization structure; Forms of organization structure; Coordination: Concept of coordination; Need for coordination; Types of coordination; Techniques for effective coordination

Module V: Staffing and Controlling

Staffing: concept of staffing; Importance of staffing; Factors affecting staffing; Directing: Concept of directing; Principles of directing; Motivation Theories: Maslow's need hierarchy theory, McGregor's theory X and theory Y. Controlling: Concept of controlling; Steps in controlling; Types of control; Design of effective control system; Essentials of effective control system; Causes of resistance to control.

References

1. R. D. Agarwal, Organization & Management, McGraw Hill., 2017
2. Sharma Shashi K. Gupta , Business Organization & Management:, Kalyani Publishers, 2016
3. Sharma Shashi K. Gupta , Business Organizations, Kalyani publishers, 2016
4. S.A. Sherlekar, V.S. Sherlekar, Modern Business Organization, Himalaya Publishing House, 2016
5. C.R. Basu , Business Organization & Management:, Tata McGraw Hill, 1998
6. R. N. Gupta, Business Organization & Management, S. Chand, 2010
7. Uma Shekaram, Business Organization & Management, Tata McGraw Hill, 2018
8. Niranjana Reddy & Surya Prakash, Business Organization & Management, Vaagdevi publishers.2016
9. Harold Koonts & Cyril O'Donnell, Principles of Management:, 2015
10. W Jack Dunean, Essentials of Management, 2013

3. Business Statistics

Semester 1	Course 3	(25-273-0103)

Course Objectives

The objective of this course is to provide basic knowledge about statistics and enable students to learn statistical techniques for further study in business, economics, and finance. This course applies statistical methods in a business context to address business related questions and evidence based decisions. It enables students to apply commonly used statistical methods and how to interpret the results.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Outline different types data and sources of data	Understand
CO2	Apply the basic statistical tools	Apply
CO3	Develop critical thinking and problem-solving skills.	Evaluate

CO-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	1	1	3
CO2	3	1	1	3
CO3	3	1	1	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Introduction to Statistics

Origin, Meaning, Scope and Limitations of Statistics, Relationship with business and Industry, Data, Types of Data, Big Data, Information, Business analytics, Statistical variables: Qualitative and Quantitative Data.

Module II: Data Processing

Data Collection, Classification and Tabulations of data, Frequency Distributions, Data Grouping: Discrete and Continuous, Introduction to Graphs, Graph for Qualitative variables, Graph for Quantitative variables, various types of graphs and diagrams: pictographs, bar diagram, scatter diagram, histogram, pie chart, frequency curve and frequency polygon

Module III: Measures of central tendency

Mean, Median and Mode, Weighted Average, Geometric Mean, Harmonic Mean, Relative merits of Mean, Median and Mode in a distribution, Mean of two or more means - Measure of dispersion – range – quartiles- standard deviation - Coefficient of variation Skewness – Kurtosis.

Module IV: Introduction to Correlation and Regression

Correlation – Meaning - Positive, negative and zero correlation, Correlation through Scatter diagrams, Interpretation of Correlation Co-efficient, Simple and Multiple Correlation; Regression

Module V: Probability Theory

Basic concepts in probability. Statistical dependence and independence, Bayes theorem, Sample-space and Events, Simple and Compound Events, Probability and Probability Distributions: Normal Distribution, Binomial and Poisson distribution

References

1. Aczel, Amir D., Sounderpandian, J. & Saravanan P., Complete Business Statistics, McGraw Hill Education India Private Limited, 2017
2. Albright, S.C. & Winston, W.L. Business Analytics: Data Analysis and Decision Making, Cengage Publications, 2017
3. Anderson, D., Sweeney, D., Williams, T., Camm, J., & Cochran, J. Statistics for Business & Economics, Cengage Learning, 2014
4. Roger E. Kirk Statistics: An Introduction, Thomson-Wadsworth Publication, 2008
5. Mc. Clave, Benson and Sincich, Statistics for Business and Economics, Prentice Hall Publication, 2018
6. Jack Levin, James Alan Fox, Elementary Statistics in Social Research, 12th ed. Pearson Education, 2013
7. Richard Levin, Statistics for Management, Pearson, 2008
8. Balakrishnan, N., Render, B., Stair, R. M., & Munson, C. Managerial decision modeling-Upper Saddle River, Pearson Education, 2017
9. Powell, S. G., & Baker, K. R. Business analytics: The art of modeling with spreadsheets. Wiley 2017
10. Stine, R.E., & Foster, D. Statistics for Business: Decision Making and Analysis India: Pearson Education, 2013.

4. Managerial Economics

Semester 1	Course 4	(25-273-0104)

Course Objectives

The objectives of this course are to provide knowledge to the students about basic economic concepts and to familiarise the students with the economic principles and theories underlying various business decisions and to equip the students to apply the economic theories in different business situations.

Course Outcomes (COs)	Bloom's Taxonomy Level

After completion of the course, the student will be able to:		
CO1	Articulate competition strategies, including costing, pricing, product differentiation, and market environment according to the nature of products and the structures of the markets.	Apply
CO2	Analyze real-world business problems with a systematic theoretical framework.	Analyse
CO3	Devise optimal business decisions by integrating the concepts of economics, mathematics and statistics	Create

CO-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	3
CO2	2	2	1	2
CO3	3	3	3	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Introduction

Definition, scope, role in Business decisions; Economics systems.

Module II: Demand analysis

Demand analysis:- utility analysis of consumer's demand; indifference curves; consumer equilibrium; elasticity of demand and its measurements. Demand distinction-durable and non- durable goods, derived and autonomous demand, industry and company demand; demand for forecasting-methods.

Module III: Cost analysis

Cost analysis-cost concepts and classification, cost-output relationship, determination of cost, breakeven analysis. Cost control and cost reduction.

Module IV: Markets its classification

Price determination; Market its definition and classification, price output determination under perfect and monopolistic condition. Business cycle: causes- indicators-business forecasting-use of business cycles in business decisions

Module V: National income

National income – meaning and concepts Trends in India's National Income – GDP – GNP –NNP - Methods of measuring national income - unemployment, black money and corruption – rising prices – Micro finance and its significance – importance of infrastructure in India's economic development.

References

1. Craig H Peterson and Jain, Managerial Economics, Pearson education, 2005
2. Gupta, Managerial Economics, Tata McGraw Hill, 2017
3. Maheshwari and Gupta, Managerial Economics, Sultan Chand & Sons, 2017
4. Dr. P.C. Thomas, Managerial Economics, Kalyani Publishers, 2016
5. H.L. Ahuja, Managerial Economics, Chand and Company, 2017
6. Mithani, Managerial Economics, Himalaya Publications, 2013
7. R.L. Varshney and K.L. M Maheshwari, Managerial Economics Sultan Chand, 2014
8. R.N. Chopra, Managerial Economics, Kalyani Publishers, 2011
9. D.N. Dwivedi, Managerial Economics Vikas Publishers, 2015

5. General Principles of Contract (Law of Contract–I)

Semester 1	Course 5	(25-273-0105)

Course Objectives

This foundational course is a consolidation of general principles of law of contracts. The focus of this course will be on the nature of agreement, the reason for non-enforceability of an agreement, the justification for non-performance of an agreement and the ground for awarding damages. The discussion will further entail the analysis of the law of obligations and specific reliefs for breach of contracts. The course also examines the practical applications of law relating to contracts to resolve issues posed by a technology driven commercial world. Being a foundation course the approach will be both theoretical and critical with emphasis on case law analysis.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the norms for formation and discharge of contracts in India and role of courts in enforcing them.	Understand
CO2	Apply the general principles of contract law to solve issues posed by an evolving technology driven society.	Apply
CO3	Analyse the legal framework relating to law of contracts.	Analyse

CO-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	2
CO2	3	3	3	2
CO3	3	3	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course contents

Module I : Formation of Contract

Nature of contractual obligation - Theories of contract –Constitutional Values and Contract - General classification of contracts – Electronic/ Smart Contracts – AI generated contracts– Government Contracts & International Contracts- offer-its Types, Intention to create legal relationship - Acceptance – Forms, essential elements Communication &Revocation.

Module II : Essentials of Contracts

Capacity of parties – Legal Disqualification to enter into Contracts- Minors, Persons of Unsound mind – Effects of agreement with disqualified persons- Free consent - factors vitiating free consent - Misrepresentation, coercion - and undue influence – Fraud & Mistake

Module III : Objects of Contract

Lawful object- Void transactions- Agreements against public policy-Agreement in restraint of trade, Marriage and legal proceedings –Uncertain and Wagering agreements.

Module IV: Consideration

Consideration- Types- Effect of contract without consideration-Exceptions- Privity of Contract & Consideration.

Module V :Discharge of Contracts & Remedies

Discharge of contracts -Performance of contracts – Breach of Contracts - types of impossibility of performance - Alterations and novation - Accord and satisfaction - Quasi contracts- Remedies for breach - Damages –general and special - Specific performance – Types- Recession and cancellation -Injunctions - Declaratory remedies

References

1. Avatar Singh, Law of Contract and Specific Relief , Eastern Book Co, 2023.
2. Pollock & Mulla Indian Contract and Specific Relief Acts, Vol. 1, Butterworths, 2021
3. W.R. Anson, Principles of Law of Contracts, Alpha edition , 2020

4. W.R. Anson, Principles of the English Law of Contract and of Agency in its Relation to Contract, 2019
5. Trietal, The Law of Contract, Sweet& Maxwell, 2023
6. A.Burrows, Remedies for Tort and Breach of Contract. Butterworths, 2019
7. Fry, A Treatise on the Specific Performance of Contracts, Universal Law Publishing Co. Pvt. Ltd., 2023.
8. McGregor, Harvey, Mayne and McGregor on Damages, Sweet and Maxwell, London, 1961.
9. McMeel, Gerard, The Modern Law of Unjust Enrichment and Restitution, Oxford University Press, 2003.

6. Law of Torts and Motor Vehicle Accidents

Semester 1	Course 6	(25-273-0106)

Course Objectives

This course is intended to give an idea about fundamentals of civil liability in India. It provides understanding about various specific torts, it's essential ingredients, remedies and defences. It also deals with compensation under MV Act.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the legal principles governing real life situations happening in and around him such as assault, battery and trespass etc.	Understand

CO2	Identify wrongful acts and appraise remedies and defences applicable to such cases.	Evaluate
CO3	Become successful lawyers in civil courts in India.	Apply

CO–PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	2
CO2	3	3	3	2
CO3	3	3	3	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Introduction

Introduction - Definition, Nature and Scope of Law of Torts - Torts and Crime - Torts and Contract - Essential Elements of Law of Torts - Pigeon Hole Theory - Relevancy of Motive in Law of Torts – Specific Defences.

Module II: Parties

Capacity and Parties in Torts - Joint and Several Tort-feasors - Malfeasance, Misfeasance, Nonfeasance- Vicarious Liability - Master and Servant - Doctrine of Common Employment.

Module III: Specific Torts -1

Nuisance – Essential Elements – Remedies – Defences - Negligence - Elements of Negligence - *Res Ipsa Loquitor* - Contributory Negligence – Defences - Nervous Shock – Its Meaning and Principles – Defamation - Malicious Prosecution

Module IV: Specific Torts - 2

Trespass to Person: Assault, Battery – Mayhem & False Imprisonment - Trespass to Land - Trespass *ab initio* – Remedies - Defences - Strict Liability - Rule in Ryland’s v. Fletcher- Dangerous thing – Escape of thing - Non-natural use of land - Exceptions - Its criticisms- Absolute Liability - Bhopal Gas Leak Disaster Case- Constitutional Tort.

Module V: Economic Torts, Remedies and Liability for Motor Vehicles Accidents

Malicious Falsehood - Tort of Passing off – Intimidation –Conspiracy -Inducing breach of Contract - Detinue – Tort of Conversion (Trover) - Tort of Deceit - Slander of Title – Slander of Goods - Judicial Remedies – Extra-judicial Remedies - Liability under Motor Vehicles Act, 1988 - Compensation in Motor Vehicle Accidents - Nature and Extent of Insurer’s Liability - Claims Tribunal - Award of Compensation

References

1. W V H Rogers, Winfield & Jolowicz Tort, Sweet & Maxwell, London, 2020
2. RFV. Heusto et al., Law of Torts, Universal Law Publishers, Delhi, 1996
3. SP Singh & Indrajith Singh, Law of Torts, Universal Law Publishers, Delhi, 2010
4. B M Gandhi, Law of Torts, EBC, Lucknow, 2022
5. Ratanlal & Dhirajlal, The Law of Torts, Wadhwa, Nagpur, 2018
6. Paula Giliker & Silas Beckwith, Tort, Sweet & Maxwell, London, 2008
7. Vivienne Harpwood, Principles of Tort Law, Cavendish Publishing Limited, 2008
8. A Laxminath& M. Sridhar, Ramaswamy Iyer: The Law of Torts, Lexis Nexis, 2007
9. Basu, Exhaustive Commentary on Motor Vehicles, Whytes & Co,2024

IInd Semester B.Com LLB (Hons.)

1	General English–II
2	Business Communication
3	Business Environment
4	Financial Accounting
5	Constitutional Law–I
6	Special Contracts (Law of Contract - II)

1. General English II

Semester 2	Course 1	(25-273-0201)

Course Objectives

This course is to enable the students to learn English language to use it more effectively in the interpretation of the legislations, judgements international documents, and write-ups. The students will be able to draft legislations themselves as part of their assignments in the class. They can also present their case before the court while practicing as lawyers in an effective manner with confidence. As Advocates, they can draft documents like Complaint, Written Statement etc. more effectively. As judges, they can write judgments more convincingly.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Develop the attitude in linking Law with language	Apply
CO2	Analytically evaluate the wordings of legislations	Evaluate
CO3	Acquire proficiency in English language so as to develop arguments for his case in courts as well as for facing other verbal challenges like interviews, group discussions or debates	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	3
CO2	3	3	2	2
CO3	2	3	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Idioms, phrases and Usages -with the help of judgment of Justice V.R. Krishna Iyer and Lord Denning

Module II: Modern Prose

Module III: Pairs of Words, synonyms and antonyms- their usages in legislations

Module IV: Précis writing- Using judgments -Essay writing - Techniques –
Methodology- Link literature and Law- Shakespearean Dramas

Module V: Modern style - use of English in Judgment writing (for example, Judgments of Krishna Iyer and Denning)

References

1. Roderick, English Transformational Grammar
2. Veluri Subba Rao, The Philosophy of a Sentence and its Parts
3. Fowler, The King's English.
4. Alan Durand, *Language and Law* Routledge, 2017.
5. Constance Jordan, The Law in Shakespeare, Palgrave Macmillan, 2007
6. Richard Posner, Law and Literature, Harvard University Press, 1998.
7. Peter Goodrich, Law and Literature, Elgar.
8. Usha Ganesh, Law and Literature, Central Law agency, 2023
9. Mark Fortier, Literature and Law, Routledge, 2019.
10. Shakuntala Bharvani, The Law and Literature, Himalaya Publishing House

2. Business Communications

Semester 2	Course 2	(24-273-0202)

Course Objectives

The course aims to familiarise the students with the importance of communication in business and methods of communication relevant to various business situations and to build up communication skills among students.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to :		
CO1	Understand effective business writing and effective business communication	Understand

CO2	Equip the student in delivering effective presentations	Apply
CO3	Develop effective interpersonal communications	Apply
CO4	Develop skills that maximize team effectiveness and effective problem solving	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	2	1	2	1
CO2	3	1	1	2
CO3	2	2	2	2
CO4	3	2	2	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Content**Module I: Introduction to Communication**

Meaning and definition-process-functions-objectives-importance-essentials of good communication-communication media-communication barriers-overcoming communication barriers.

Module II: Types of Communication

Written –oral-face to face- silence- merits and limitation of each types- mastering the art of delivery-speaking skills-writing skills-listening skills-observation skills.

Module III: Business Letters

Need and functions of business letters-planning and lay out of business letters-kinds of business letters-essentials of effective correspondence-enquires and replies-placing and fulfilling orders-complaints and follow up-sales letter circular letters-application for employment and resume-report writing –notice , agenda and minutes of the meeting-memos.

Module IV: Oral Communication

Meaning nature and scope-principles of effective oral communication-techniques of effective speech-media of oral communication-group decision making-conflict and negotiations presentation and interviews-speech customer care/customer relations-public relations.

Module V: Presentations & Report writing

Making Presentations-choosing a method of speaking-Non-verbal dimensions of presentations-effective presentation strategies-Types of reports-structure of reports-Individual and committee reports-essentials of good report writing.

References

1. Rajendra Pal & J. S. Koriahalli, Essentials of Business Communications, 2011
2. Ramesh M. S. & Pattan Shetty, Effective Business English & Correspondance, 2003
3. Kaul, Asha: Business Communication: Prentice-Hall of India, Delhi, 2014
4. Bhatia R.C, Business Communication, Ane Books Private Ltd, 2008
5. Reddy P.N, and Appannia, Essentials of Business Communication, Himalaya Publishing House, 2017
6. Shalini Agarwal Essential communication skills, Anne Books, 2015
7. Sharma R.C, Krishna Mohan, Business Correspondence and Report writing- Tata Mcgraw Hills, 2017'
8. C SV Moorthy- Management Information Systems- Himalaya Publishing House, 2010

3. Business Environment

Semester 2	Course 3	(25-273-0203)

Course Objectives

The course aims to depict various environment factors related to the business. It also provides an overview of impact of environment on business. It focuses on business environmental factors and the nature of international business. It aims students to understand the factors contributing to the diverse business environment, competition and the resources needed to compete effectively.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand how business is affected by economic, political, social, cultural, financial, legal and technological environment	Understand
CO2	Examine role of innovation and technology diffusion	Evaluate
CO3	Analyse the effects of government policy on the economic environment	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	3
CO2	3	1	1	3
CO3	3	3	3	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Introduction

Business Environment: Concept; Nature and scope; Importance; Types of Environment: Internal and External environment; micro and macro environment- Corporate Governance- Corporate Social Responsibility- Environmental Analysis

Module II: Economic and Political Environment

Nature and characteristics of Indian Economy; Structure of the economy; Economic factors- growth strategy; Basic economic system, Fiscal and Monetary Policy, Economic roles of government: Economic policy of the government; Liberalization, Privatization and Globalization of Indian Economy, Components of political environment.

Module III: Technological Environment

Impact of technology on business; Management of technology changes; Managing Innovation; technological leadership and followership; sources of technological dynamics; Technological policy, transfer of technology, problems in technology transfer; time lags in technology introduction, Applications of Big Data, Cloud Computing, Business analytics and Artificial Intelligence

Module IV: Legal Environment

Indian Industrial Environment: Growth of major industries in India; Industrial Policy, Industrial licensing, Micro-Small and Medium Enterprises in India, Financial Markets, Regulatory framework for business in India, Legislative measures and its impact on business

Module V: Socio-Cultural Environment

Cultural environment: Nature and impact of culture on business, Demographic environment population size, migration and ethnic aspects, birth rate, death rate and age structure; Social Environment: Social responsibilities of business, Business ethics

References

1. Cherunilam, Francis; Business Environment, Himalaya Publishing House, 2018
2. Aswathappa, K; Essentials of Business Environment, Himalaya Publishing House, 2011
3. Suresh Bedi: Business Environment, Excel, 2007
4. Dutt and Sundaram, Indian Economy, S. Chand, New Delhi, 2007
5. Rangarajan, C.; Perspective in Economics, UBS Publishers', 2000
6. Justin Paul: Business Environment Text and Cases, Analysis (3rd ed.), McGraw Hill, 2010.
7. Morrison J, International Business Environment, Macmillan, 2008
8. Mishra and Puri, Indian Economy, Himalaya Publishing House, New Delhi, 2019

4. Financial Accounting

Semester 2	Course 4	(25-273-0204)

Course Objectives

The objective of this paper is to help students to acquire conceptual knowledge of the financial accounting and to impart skills for recording various kinds of business transactions. To equip the students with the skill of preparing accounts and financial statements of various types of business.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Demonstrate commonly used financial statements, their components and how information from business transactions flows into these statements	Apply
CO2	Assess career opportunities that widely available with the accountancy firms, banks, insurance companies, building societies management consultancies and public sector companies.	Evaluate
CO3	Apply knowledge for the preparation of Financial Statements and financial schedules in accordance with Generally Accepted Accounting Principles through analysis and synthesis of information as well	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	3
CO2	1	1	1	1
CO3	3	3	3	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I : Introduction**

Meaning and Definition of Accounting, Need for accounting, Branches of Accounting, Objectives of Accounting, Accounting an Information System, Systems of Book Keeping Vs Accounting, Systems of Accounting, Functions of Accounting, Accounting Principles, Business transactions, Accounting Equation, Classification of accounts, Rules of the double entry system, Accounting Cycle.

Module II : Journal

Recording of Business transactions in Journal, Meaning of Journal, Recording of transactions in Journal, Compound Journal entry, Recording of transactions in subsidiary books.

Module III: Ledger

Posting entries in Ledger and Balancing of Accounts

Module IV: Trial Balance and Depreciation

Preparation of Trial Balance, Rectification of errors, Preparation of Bank Reconciliation Statement, Concept of Depreciation, Methods for providing Depreciation.

Module V: Final Accounts

Preparation of Final Accounts, Manufacturing Accounts, Trading Account, Profit and Loss Account, Balance sheet

References

1. Accountancy-I: Haneef and Mukherjee, Tata McGraw Hill Co., 2013
2. Principles and Practice of Accounting: R.L. Gupta & V.K. Gupta, Sultan Chand & Sons, 2019
3. Accountancy-I: S.P. Jain & K.L. Narang, Kalyani, 2016
4. Advanced Accountancy-I: S.N. Maheshwari & V.L. Maheshwari, Vikas., 2018
5. Accountancy-I: Tulasian, Tata McGraw Hill Co, 2013
6. Advanced Accountancy: M Shrinivas & K Sreelatha Reddy, Himalaya Publishers, 2018
7. Financial Accounting: M.N Arora, Tax Mann Publications, 2018
8. Fundamentals of Financial Accounting: Deepak Sehgal, Tax Mann Publication, 2006
9. Financial Accounting: Jawahar Lal, Himalaya Publishing House, 2015
10. Introduction to Accountancy, T S Grewal, S Chand & Company Ltd., New Delhi, 2016

5. Constitutional Law – I

Semester 2	Course 5	(25-273-0205)

Course Objectives

The objective of the course is to help students develop a comprehensive understanding of the salient features of the Indian Constitution, including its Preamble, state territory, citizenship, and parliamentary powers. The students will be able to understand the principles of federalism in India and the relationship between the Union and State governments. It will help students to understand the cabinet form of government at the Centre and in States, including the appointment, powers, functions, and removal procedures of key executive officials such as the President, Vice President, and Governors.

Course Outcomes (COs)	Bloom's Taxonomy Level

After completion of the course, the student will be able to:		
CO1	Develop a deep understanding of the Indian Constitution, its provisions, principles, and institutional framework related to legislative, executive, and judicial branches.	Understand
CO2	Enhance analytical and critical thinking skills by evaluating complex issues related to federalism, Centre-State relations, constitutional amendments, and judicial independence.	Analyse
CO3	Develop research skills necessary for exploring and understanding constitutional provisions, legislative enactments, judicial precedents, and administrative practices in India.	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	2	2
CO2	3	3	2	2
CO3	3	3	2	2

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Contents**Module I : Introduction to Indian Constitution**

Salient features of the Indian Constitution - State territory - Preamble-Parliamentary power to cede Indian Territory -Citizenship-Parliament's power to lay down criteria – dual citizenship.

Module II : Centre- State Relationship

Federalism-Centre-State relation- Legislative relations - Administrative relations and Financial Relations between the Union and States- Conflicts- Principles of Interpretation.

Module III: The Executive in India

Cabinet form of Government - Centre and State Governments - appointment –powers and functions-removal of President, Vice president, Governors – Emergency powers –Elections and Election Commission- All India Services- Public Service Commission- Comptroller & Auditor General – Attorney General of India- Doctrine of Pleasure- Constitutional Safeguards of Civil servants.

Module IV: The Parliament and Judiciary in India

Composition and terms of Houses of Parliament and State Legislatures- Offices of Parliament - powers and privileges of legislatures – Removal of members - -Amendment of the Constitution - basic structure of the Constitution-Union and State Judiciary-jurisdiction, appointment and removal - Independence of judiciary.

Module V : Interstate Trade and Commerce

The right to free trade and commerce - Commerce clause and Federalism

References

1. D.D. Basu, Shorter Constitution of India. (Vol1& 2), 2018
2. V.N. Shukla, Constitution of India, Eastern Book Company, 2017
3. V.D. Sebastian, Indian Federalism: the Legislative Conflicts (1985).
4. M.P. Jain, Indian Constitutional Law, (Vol 1&2), Lexis Nexis, 2018
5. H. M. Seervai, Constitutional Law of India, Universal Law Publishing Co.,2013
6. Glanville Austin, Indian Constitution-Cornerstone of the Nations, Oxford University Press, 1999
7. P.M. Bakshi, The Constitution of India, Lexis Nexis.,2019

6. Special Contracts (Law of Contracts – II)

Semester 2	Course 7	(25-273-0206)

Course Objectives

The course intends to develop a comprehensive understanding of indemnity, guarantee, and the rights and liabilities of indemnifiers, indemnified parties, guarantors, and sureties. It will help students to understand the types of agency relationships and the creation, rights, duties, and liabilities of agents and principals. It will help in understanding law of partnership and sale of goods.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Develop a deep understanding of the substantive aspects of contract law, agency, partnership, sale of goods, and negotiable instruments.	Understand
CO2	Enhance analytical and critical thinking skills by evaluating complex legal issues related to contracts, agency, partnership, sale of goods, and negotiable instruments.	Analyse
CO3	Develop research skills necessary for exploring the legal principles, regulations, and case laws governing contracts and related areas.	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	2	2
CO2	3	3	2	2
CO3	3	3	2	2

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Contents**Module I: Contract of Indemnity and Guarantee**

Indemnity and Agency- Definition -Types- Rights and liabilities of the Indemnifier, Indemnified – Guarantor- Surety - Continuing guarantee –Nature and duration of liability –Discharge

Module II : Contract of Agency and Bailment

Agency – Kinds of agency – Types of agents- creation of agency – rights, duties and liabilities of agents – liability of principal for act of agents - Termination of agency – Contract of Bailment and Pledge- Definition- rights and liabilities of Bailor and Bailee- rights and liabilities of Pawner and Pawnee.

Module III : Partnership Contracts

Partnership - nature and creation – Types of partnership- Relationship of partners - authority of partners - Rights and liabilities of partners- Admission of new members – Partnership property - Registration & dissolution of partnership.

Module IV: Contract for Sale of Goods

Sale of goods – goods-Types- Concept of sale – Subject matter of sale – Conditions and warranties – Passing of property and risk – Delivery of goods- rights of unpaid seller – Remedies for breach.

Module-V: Negotiable Instruments

Negotiable instruments - essential requirements – Promissory notes, Bill of Exchange and Cheques - Holder in due course

References:

1. Dr. Akhileshwar Pathak, Law Relating to Special Contracts, Lexis Nexis ,2013
2. Dr.S.R. Myneni, Contract-II (Special Contracts), Asia Law House , 2018
3. Mulla, The Sale of Goods Act and The Indian Partnership Act, 2012
4. Pollock and Mulla, The Indian Partnership Act, 2019
5. Friedman, Law of Agency, Butterworths, 1996
6. Geoierey Morse, Partnership and LLP Law , Oxford University Press, 2015
7. Benjamin's, Sale of Goods, 2019

III rd Semester BBA LLB (Hons.)

1.	Life Insurance and Social Security
2.	Cost Accounting
3.	Modern Banking
4.	Constitutional Law–II
5.	Jurisprudence (Legal Method, Indian Legal System and Basic Theory of Law)
6.	Law of Crimes-I

1. Life Insurance and Social Security

Semester 3	Course 1	(25-273-0301)

Course Objectives

To familiarize the students with the basic concepts and the principles of Insurance. To know the various types of insurance and insurance business in India.. To become aware of insurance legislation in India.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand basic principles of insurance	Understand
CO2	Develop qualities needed for a trained person in the field of insurance.	Apply
CO3	Evaluate the operational environment in the field of insurance	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	2	3	3	3
CO2	2	1	3	1
CO3	3	3	3	3

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Contents

Module I: Introduction

Definition and nature of insurance-Brief history of insurance-Role and importance of insurance perils and risks-Classification of risk-Static risk, dynamic risk, mixed risk-Principles of insurance: economic, legal and actuarial; Morality and Survival rates-Indemnity- Classes of insurance and insurance entities in India- Indian insurance companies.

Module II: Types of Insurance

Principles of Life Insurance- Marine Insurance- Fire Insurance- Miscellaneous Insurance- Insurance policies, Policy conditions, Clauses and settlement of Claims of Marine

Module III: Life Insurance Contract

Life Insurance Contract, Proposal-Acceptance, Premium, Evidence of contract, Underwriting, extra risk and extra premium, Risk cover and Compensation, Risk assessment, moral, physical and occupational hazards; Managing life insurance, risk retention, reinsurance - IRDA;IRDA(Protection of Policyholder's Interests) Regulations, 2002

Module IV: Life insurance products

Life insurance products- Term assurance benefit-Pure endowment benefit- Life insurance products like Endowment, Term insurance, Money Back policy, Annuity and Pension, Module Linked Insurance, Group insurance, Social security insurance, National Pension System, PF linked pension.

Module V: Insurance Claims

Claim payments under a conventional life insurance policy-Nomination and Assignment- Maturity claim, Death claim, Survival benefit claim, Claim by Accident, Claim by suicide, Claims on missing persons, Claims on simultaneous deaths, Rider benefit claims, Claims under group policies, Claim under annuities and Module Linked Insurance Policies.

References

1. Arthur Williams C., Jr., Michael L.Smith, Peter C. Young: Risk Management and Insurance, McGraw-Hill, 1997
2. Mishra M. N.: Insurance Principles and Practice, Sultan Chand & Sons, New Delhi, 2015
3. Gupta O. S.: Life Insurance, Frank Brothers, New Delhi,1996
4. Vinayakam N., Radhaswamy and Vasudevan S.V. Insurance – Principles and Practice, Sultan Chand & Sons, New Delhi, 2015
5. Journals of Insurance Institute, National Insurance Academy and IRDA
6. Agarwal, O.P., Banking and Insurance, Himalya Publishing House, Mumbai , 2018
7. Tripathi, Nalini & Prabil Pal., Insurance: Theory and Practice, PHI Pvt Ltd, New Delhi, 2012
8. Gupta, P.K., Insurance and Risk Management, Himalaya Publishing House, Mumbai, 2019

9. Mishra, M.N., Principles and Practices of Insurance, S. Chand and Sons, New Delhi, 2016

2. Cost Accounting

Semester 3	Course 2	(25-273-0302)

Course Objectives

The objective of this course is to acquaint the students with the basic concepts used in cost accounting, various methods involved in cost ascertainment and knowledge about use of costing for decision-making and control.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand various cost concepts	Understand
CO2	Develop the skill required for the application of the methods of Cost accounting in managerial decisions	Apply
CO3	Determine and appreciate cost behaviour.	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	2	3	3	3
CO2	2	1	1	1
CO3	3	3	3	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Introduction to Cost Accounting

Meaning, Objectives, Functions, Importance, and Scope of Cost Accounting; Limitations of Financial Accounting; Financial Accounting Vs. Cost Accounting; Cost concepts; Classification of Cost and Elements of cost; Preparation of Cost Sheet; Limitations of Cost Accounting.

Module II: Accounting and Control of Material Cost

Material Purchase Procedure- Inventory control- Material Stock Level-EOQ- ABC- VED and FSN Analysis-JIT- Stock turnover- Material Issue control- Stores records- Bincard and Stores ledger- Documents authorizing movement of materials-Inventory systems: Perpetual

and Periodic Inventory System-Continuous Stock Taking - Material Losses-Wastage-Scrap- Spoilage-Defectives- Pricing of issue of materials- FIFO- LIFO

Module III: Accounting and Control of Labour Cost

Time Keeping and Time Booking-Methods - Systems of Wage Payment-Time Rate System-Piece Rate System- Differential Piece Rate – Taylor’s differential piece rate system-Merrick’s differential piece rate system- Gantt Task and Bonus plan- Incentive Plans- Halsey Plan - Rowan Plan-Idle Time- Overtime and their Accounting Treatment- Labour Turnover-Causes and effects

Module IV: Accounting for Overhead

Classification of Overhead- Segregation of semi variable overhead- Production overhead-Allocation and apportionment- Primary and Secondary Distribution Summary- Absorption of Overhead- Methods of absorption of overheads- Overhead absorption rates- Over-absorption and Under-absorption- Reasons- Disposal- Introduction to Activity Based Costing (Problems of ABC excluded)

Module V: Methods of Costing

Methods of Costing: Job costing: Nature and use of Job costing; Batch Costing: Nature and use of Batch costing; Contract Costing: Nature, use and preparation of contract accounts; Process costing: Nature, use, preparation of process accounts with abnormal losses and abnormal gains.

References

1. Jain, S.P., & Narang, K.L., Advanced Cost Accounting, Kalyani Publishers, New Delhi, 2017
2. Iyengar, S. P., Cost Accounting, Sultan Chand & Sons, New Delhi. 26, 2005
3. Maheswari, S.N., Advanced Cost Accounting, Sultan Chand & Sons, New Delhi, 2010
4. Arora, M. N., Cost Accounting, Vikas Publishing House Pvt. Ltd, New Delhi, 2013
5. J Madegowda, Advanced Cost accounting, Himalaya Publishing House, Mumbai, 2014
6. Shukla, M.C., and Grewal, T.S., Cost Accounting, Sultan Chand & Sons, New Delhi, 2007
7. Lall Nigam B M and Jain I C, Cost Accounting Principles and Practice, Prentice Hall of India, 2006

3. Modern Banking

Semester 3	Course3	(25-273-0303)

Course Objectives

The course aims to provide basic knowledge of working of Indian Banking system. It includes presenting and discussing banking issues related to the operations, characteristics, and role in the financial system. Particular attention is given to digital

instruments and retail banking. Emphasis is further placed on the globalization of the banking system and the interdependence between banks and financial markets.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to :		
CO1	Understand the structure and functions of banks in India	Understand
CO2	Understand different kinds of banking transactions banking transactions	Understand
CO3	Analyse nature of banker –customer relationship	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	2
CO2	2	2	3	3
CO3	3	3	2	3

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Contents**Module I: Overview of Indian Financial System**

Indian Financial System: Meaning, Features and Significance; Structure of Indian Financial System: Financial markets, financial institutions, financial instruments and financial services. Financial Institutions: Banking institutions and Non-Banking institutions, Concept of banking, Creation of credit

Module II: Indian Banking System

Indian Banking System: Role of banks in business; Reserve Bank of India – Role and Functions of RBI – Ombudsman- Structure of commercial banking in India: Public sector and private sector banks, Scheduled banks, Foreign banks and New generation banks, Payment Banks; Functions of commercial banks: Primary and Secondary functions, Regional Rural Banks

Module III:E-Banking

E-Banking: Concept; Tele Banking; Mobile Banking; Internet Banking, Digital payments, Any Time Money; Credit Cards; Debit Cards; Smart Cards; Centralised Online Real Time Electronic Banking; Electronic Clearing Service (ECS); Electronic Fund Transfer (EFT); Real Time Gross Settlement (RTGS); National Electronic Fund Transfer (NEFT); National Electronic Clearing Service (NECS); Indian Financial Network (INFINET), IMPS, Payment Gateway, Unstructured Supplementary Service Data(USSD), Aadhaar Enabled

Payment System (AEPS), Mobile Wallets, Crypto Currency

Module IV: Retail Banking

Retail banking: Concept; Products and services; -Its business and composition- Housing Loans, Vehicle Loans, Personal Loans, Education Loans, Farm Loans, Computation of interest- Fixed and Floating rates; EMI; Value added service, Financial Supermarket.

Module V: Banker and Customer

Social Banking: Lead Bank Scheme, Priority Sector Lending, Service Area Approach, Micro- credit, Financial Inclusion; Capital adequacy norms; NPA and its management; Maintaining Customer Relationship; Know Your Customer (KYC), General relationship – Debtor & Creditor, Agent & Principal, Trustee & Beneficiary, Special Relationship – Obligations - Rights of a Banker

References

1. Gordon and Natarajan – Banking Theory Law and Practice, Sultan Chand & Sons, New Delhi.
2. Microeconomics of Banking by Xavier Freixas and Jean-Charles Rochet, MIT Press, 2008.
3. Khan, M. Y., Indian Financial System-Theory and Practice, Tata McGraw Hill Publishing Company Ltd. , New Delhi, 2018
4. S.K. Maheshwari and Maheswari S.N, Banking Theory Law and Practice, Kalyani Publishers, New Delhi, 2014
5. Indian Institute of Banking, Know Your Banking - I -Basics of Banking, Taxmann
6. Sekhar K.C and Lekshmy Shekhar .Banking Theory and Practice, Vikas Publishing House, New Delhi, 2013
7. Sundaram K.P.M and Varshney P.N. Banking Theory Law and Practice, Sultan Chand & Sons, New Delhi. 2015
8. Mishra Sukvinder, Banking Law and Practice, Sultan Chand & Sons, New Delhi, 2011
9. D Muraleedharan – Modern Banking, Theory and Practice, Prentice-Hall Of India Pvt.Limited, 2009

4. Constitutional Law–II

Semester 3	Course 4	(25-273-0304)

Course Objectives

Constitutional Law governs the relationship between the individual and state power. This course intends to give an understanding of the conceptions of “State” and “law “as envisaged under the Indian Constitution and the extent to which Fundamental Rights are recognized and protected in India. It provides an insight as to how fundamental precepts of the Constitution gets recognized through Fundamental Rights, Directive principles and Fundamental Duties. The course also gives deeper understandings on how judiciary has played a decisive role in assuring the cherished ideals of the Constitution.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand how the fundamental rights came to be recognized and protected in India and the different shades of its Constitutional Interpretation by the Courts	Understand
CO2	Analyse the constructive role of the Constitution as a bearer of the fundamental rights and their role as a part of justice delivery system	Analyse
CO3	Articulate and apply appropriate techniques to be employed in Constitutional interpretations	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	1	3	3	2
CO2	2	2	3	3
CO3	1	2	3	1

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I : State and Fundamental Rights**

Concept of limitation of State power - origin of Fundamental Rights and their incorporation in the Constitution- Definition of State - violation of Fundamental Rights by the State - non state agencies and fundamental rights - Judicial Review -Pre Constitutional Laws- Doctrine - Doctrines of ultra vires- Amendments to the Fundamental Rights- Basic Structure Doctrine

Module II: Equality and Personal Freedoms

Right to equality - reasonable classification - Arbitrariness and equality- - Protective discrimination -Right to freedom - restriction on freedoms.

Module III: Basic Rights under the Constitution

Right to life and personal liberty – Judicial Expansion of Right to Education-Right against exploitation- Right to Fair trial- Secularism-Religious, cultural and educational right- Minority Rights

Module IV: Directive Principles of State Policy

Directive principles- the interrelationship between fundamental rights and directive principles of state policy-fundamental duties.

Module V : Constitutional Remedies

Right to Constitutional Remedies – protection against violation of fundamental rights.

References

1. D. Basu, Shorter Constitution of India. (Vol1& 2) 15thedn (2018) Lexis Nexis
2. V.N. Shukla, Constitution of India, 15thEdn (2017) Eastern Book Company
3. V.D. Sebastian, Indian Federalism: the Legislative Conflicts (1985).
4. M.P. Jain, Indian Constitutional Law, (Vol 1&2) 7th Edition, (2018) Lexis Nexis,
5. H. M. Seervai, Constitutional Law of India, Universal Law Publishing Co.,2013reprint
6. Glanville Austin, Indian Constitution-Cornerstone of the Nations, Oxford University Press, 1999
7. P.M. Bakshi, The Constitution of India, Universal Law Publishing Co., 2014
8. M P Jain , Indian Constitutional Law, (2018) , Lexis Nexis

5. Jurisprudence (Legal Method, Indian Legal System and Basic Theory of Law)

Semester 3	Course5	(25-273-0305)

Course Objectives

The course intends to provide a detailed idea about the composition and relevance of legal systems and to give the students a clear knowledge about various legal concepts. It intends to demonstrate an idea about the purpose of law in society through various legal theories. The course examines various sources of law in society and to experiment its relevance. The course provides insight as to how to make use of law as an interdisciplinary branch of study.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the basic idea of law and its role in society and to interpret law in different contexts	Understand
CO2	Articulate and apply law for solving legal disputes and interpret judicial pronouncements.	Apply
CO3	Appreciate basic legal concepts	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4

CO1	2	3	3	1
CO2	2	3	3	2
CO3	3	3	3	1

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Concept and Theories on law

Law and its definition- jurisprudence- its meaning and scope- legal theories- Natural Law (Ancient, Medieval and period of Social Contractarians- Revival of Natural Law- Positive Law (Austin & HLA Hart), Hart-Fuller Debate (Law and Morality)- Utilitarianism, Kant's Idealism- Pure Theory of Law, Historical and Sociological School- Emphasis to Maine, Savigny, Roscoe Pound- Dworkin's theory- Hohfeldian Analysis- Environmental and Feminist Jurisprudence- Hegel and Marxian idea of law- Legal Realism

Module II: Concept and Theories on Justice

Idea of Justice- Rawls theory- constitutional justice- balance between fundamental rights and directive principles of state policy- distributive justice- social, economic and political justice- brief introduction to idea of justice by Amartya Sen.

Module III: Legal Concepts

Legal Concepts- Right- duty, ownership and possession – different kinds of ownership and possession. Persons – natural, legal and corporate- status of unborn person, dead person and idols- concept of property- concept of State.

Module IV: Sources of law

Legal materials - primary - international legal materials, Constitution, legislation, delegated legislation, rules and regulations, customs, conventions and precedents - structure and content of legislation and delegated legislation. Secondary sources of legal materials - text book, digest, encyclopaedia, commentaries, law journal, law commission reports, constituent assembly debates, legislative assembly debates- Sources of law –Custom- Legislation and its classifications.

Module V: Precedents

Precedents to be given emphasis- *ratio decidendi* and *obiter dicta*, Doctrine of prospective overruling - reversing and distinguishing of cases, *per incuriam*, *sub silentio*, majority and minority opinions, dissenting judgment- Hierarchy of Courts in India.

References

1. Arthur T. Vanderbilt, Studying Law, New York University Press, Washington,

- Chapters 6, 8.
2. Glanville Williams, Learning the Law, Universal Law Publishing Co., Delhi, Chapters 4, 5, 6 & 12.
 3. P. J. Fitzgerald, Salmond on Jurisprudence, Universal Law Publishing Co., New Delhi (2016).
 4. R. W. M. Dias, Jurisprudence, Lexis Nexis, 2013
 5. M. D. A. Freeman, Lloyd's Introduction to Jurisprudence, Sweet & Maxwell, 2014.
 6. J. W. Harris, Legal Philosophies, Oxford University Press, 1980
 7. V. D. Mahajan, Jurisprudence & Legal Theory, Eastern Book Company, 2016.
 8. Suri Ratnapala, Jurisprudence, Cambridge University Press, 2016
 9. Richard A. Posner, The Problems of Jurisprudence, Harvard University Press 1993.
 10. N. V. Paranjape, Studies in Jurisprudence and Legal Theory, Central Law Agency, 2019
 11. Lakshminath, Precedent in the Indian Legal System, Eastern Book Co, 1990.

6. Law of Crimes – I

Semester 3	Course 6	(25-273-0306)

Course Objectives

This course intends to provide knowledge and critical understanding of established principles of criminal liability. It aims to familiarise the key concepts of crime and criminal Law. It deals with the range of mental states that constitute *mens rea* essential for committing crime. It specifically illustrates with examples the various stages in the commission of an offence and the liability thereof. It throws light on various degrees of criminal liability. It explains and demonstrates the defenses to criminal liability and its exceptions with the help of case laws. It helps in keeping students abreast of the latest legislative and judicial interpretations

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the general principles of criminal law and its distinction from civil liability.	Understand
CO2	Analyse the ingredients of various offences	Analyse
CO3	Appreciate the defences applicable to criminal law	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	2	3	3	1
CO2	2	2	3	1
CO3	3	3	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Nature and definition of Crime – Ingredients of crime

Concept of crime - crime and morality - distinction between crime and tort - classification of offences -crime and social contract- Constitutional Values and Crime - Scope and application of Bharatiya Nyaya Sanhita -Privileges and Immunities- Elements of crime – act –omission- causation- principles of criminal responsibility- *actus reus* – *mensrea*– intention– knowledge -negligence - recklessness - application in Bharatiya Nyaya Sanhita & Statutory laws-exclusion of mensrea in socio-economic offences.

Module II : Criminal Liability and Defences

Joint responsibility and vicarious liability - corporate liability-Indian law – Territorial and Extra territorial application of penal code-Theories of crime and Punishment - capital punishment, Kinds of imprisonment, community service-General exceptions- mistake, judicial acts- accident- unsoundness of mind-intoxication-Necessity- Superior orders-consent-Private defense against body and property.

Module III: Liability and Stages in the Commission of Offences

Stages of crime-Formation of intent–preparation – attempt-attempt to commit impossible crime- Inchoate offences -abetment - criminal conspiracy.

Module IV: Offences against State and Public Order

Offences against state and public tranquility – offences against State- waging war against Government of India- act endangering sovereignty, unity and integrity of India- organized crime and petty organized crimes organized crime syndicate- terrorist act – Decriminalisation of sedition - unlawful assembly –rioting – affray - Hate speech.

Module V: Offences against Public Justice

Giving and fabricating false evidence-causing disappearance of evidence – Harboring of offenders- abuse of process of court-false charge of offense- Impersonation-Contempt of court.

References

1. Kenny, Outlines of Criminal Law, 2016.
2. K.D. Gaur, Criminal Law: Cases and Materials, 2020
3. Glanville Williams, Text Book of Criminal Law, 2015.
4. Smith and Hogan, Criminal Law, 2018
5. K.N.C. Pillai, Cases and Materials on Criminal Law, Eastern Book Co.

6. Ratanlal & Dhirajlal, The Indian Penal Code, Lexis Nexis.
7. Dr KN Chandrasekhara Pillai, General Principles of Criminal Law, Eastern Book Co., 2020.
8. R.C. Nigam, Law of Crimes in India Vol. I & II., 1965
9. Bharatiya Nyaya Samhita.
10. Taxmann, New Criminal Laws, 2024.

IVth Semester B.Com LLB (Hons.)

1.	Financial Management
2.	Human Resource Management
3.	Marketing Management
4.	Administrative Law
5.	Family Law-I
6.	Law of Crimes-II

1. Financial Management

Semester 4	Course 1	(25-273-0401)

Course Objectives

The objectives of this course are to build a thorough understanding of the central ideas and theories of modern finance and to relate theory to practice so that students learn the practical applications of Financial Management concepts.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand objectives of Financial management	Understand
CO2	Manage financial affairs of a company, forecast and ensure competitiveness of a company	Apply
CO3	Analyze the financial environment in the local and international markets	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	2	3
CO2	3	2	2	3
CO3	3	3	3	3

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Contents

Module I: Financial Management - An overview

Financial Management - An overview: Concept of Business Finance, Meaning of Financial Management, Financial Decisions, Goals of Financial Management, Objectives of Financial Management, Risk-return tradeoff, Organization of the Finance Function.

Module II: Sources of Finance

Sources of Finance: Sources of Long-term Finance – Equity capital, Preference capital, Debentures, Term Loans, Internal Financing, Cost of Capital – Computation of cost of debt, cost of preference capital, Cost of equity capital, Cost of retained earnings, Weighted Average cost of capital. Capital structure – Meaning, Patterns of capital structure, Computation of Earnings per share, Factors affecting capital structure, Optimal capital structure.

Module III : Capital Budgeting

Capital budgeting: Meaning, Capital budgeting process, Project classification, Investment Criteria–payback period method, Net Present Value Method, internal rate of return method, Accounting Rate of Return method.

Module IV: Working Capital Management

Working capital management: Concept of working capital, Need for working capital, Types of working capital, Sources of working capital, Management of Cash Motives for holding cash, Objectives of cash management – Management of inventories–Kinds of inventories, Risks and costs associated with inventories, Management of accounts receivables – Purpose of receivables, Costs of maintaining receivables, Factors of affecting the size of receivables, Optimum size of receivables.

Module V: Dividend Decisions

Dividend Decisions - Dividend Policy - Conservative Vs Liberal policy -Pay-out ratio, Retention ratio - Dividend theories - Irrelevance theory-Modigliani-Miller Hypothesis; Relevance theories- Walter's Model, Gordon's Model-Determinants of dividend policy- Bonus shares, Stock split

References

1. Pandey, I. M., Financial Management, Vikas Publishing House Pvt. Ltd, 2016
2. Khan, M.Y. & Jain, P.K., Financial Management, McGraw Hill (India) Private limited, 2018
3. Rustagi, R. P., Financial Management, Theory, concepts and Problems, Galgotia Publishing Company, 2018
4. Prasanna Chandra, Financial Management, Tata McGraw Hill publishing company limited, 2018
5. OP Agarwal, Financial Management, Himalaya Publishing House, Mumbai , 2015
6. Raman B S, Financial Management- Moduleed Publishers , 2016

7. Srivastava, T. M., Financial Management, Principles and Problems, Pragatiprakashan, 2014
8. S.N. Maheshwari, Financial Management - Principles and Practice, Sultan Chand & Sons, New Delhi.
9. S. C. Kuchhal, Financial Management, Chaitanya Publishing House, Allahabad

2. Human Resource Management

Semester 4	Course 2	(25-273-0402)

Course Objectives

The course aims to familiarize students with the basic principles and techniques of human resource management. It also aims to familiarize HR policies of leading organizations. Another objective of this course is to understand aspirations of individuals, and changing business contexts. The design of this course is to enable the students to integrate the understanding of various HR concepts in order to take correct business decisions

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the concept of human resource management and its relevance in organizations	Understand
CO2	Interpret the systems and strategies in managing people professionally	Apply
CO3	Analyze the strategic issues and strategies required to select and develop manpower resources	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	2	3
CO2	3	2	1	3
CO3	3	3	3	3

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course contents

Module I: Introduction to Human Resources

Personal Management and Human Resources Management: Concept, scope, role, evolution and functions: Challenges of HRM - Organization of Human Resources Department and its function.

Module II: Human Resource Development

Manpower planning; Job analysis; Recruitment and selection; Selection test and procedures; Induction and training; Employee Training and Development; Performance appraisal system; Promotion and Transfer Policies -Career Planning and counselling;

Module III: Compensation Management

Factors affecting compensation; Wage policy & Wage boards; Job evaluation and work measurement; Grade Fixation and ranking; relating wages with price index: Perquisites; Incentive plans; Bonus and profit sharing.

Module IV : Managing Personnel Problems

Absenteeism and employee turnover; Enforcement of discipline; Domestic enquiries and disciplinary action; Health and Safety; Voluntary retirement scheme, Employee Engagement, Work Life Balance, whistle blowing.

Module V: Establishment and Records

Maintenance of service files: Drafting charge sheets, suspension orders for punishment; Enquiry report; Model standing orders and code of conduct; Drafting Advertisements for appointment and appointment letters; Bond of service; wage and salary records; ESI, Provident Fund, Gratuity, Pension and Bonus.

References

1. George W Bohlander and Scott A Snell, Principles of Human Resource Management, Thomson Publications, 2016
2. Gary Dessler, Human Resource Management, Pearsons Education, 2017
3. Seema Sanghi, Human Resource Management, Laxmi Publications, 2011
4. Subba Rao P., Essentials of Human Resource Management and Industrial Relations, Himalaya Publishing, 2013
5. Louis R. Gontz Mejia et. al., Managing Human Resources, Pearson Education, 2015
6. Aswathappa, K., Human resources and Personnel Management, Tata McGraw Hill Pub.Co., Ltd, 2017
7. Mamoria C.B. and Ghanakar, S.V., Personnel Management, Himalaya Publication House
8. Venkatratnam C.S. and Srivastava, V.K., Personnel Management and HRM, Tata McGraw Hill Co.Ltd, 2004
9. David, A. DeCenzo and Stephen P. Robbins, Fundamentals of Human Resource Management, Pearson, 2017
10. Venkat Ratnam, C.S., & Dhal, M, Industrial Relations (2nded.). New Delhi: Oxford University Press, 2017
11. Bohlander, G.W.&Snell, S.A. Principles of Human Resource Management (16thed.), Cengage India, 2016

3. Marketing Management

Semester 4	Course3	(25-273-0403)

Course Objectives

The objective of this course is to introduce the students to the basic variables and components of marketing concepts and strategies. The course also aims to analyze the role of marketing within the firm and society by discussing contemporary issues involved in the marketing of products and services.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able :		
CO1	Understand the nature and scope of marketing	Understand
CO2	Analyze marketing mix and marketing environment	Analyse
CO3	Appreciate consumer behaviour and its application in marketing	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	1	1	3
CO2	3	1	1	3
CO3	3	2	1	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course contents

Module I: Introduction to Marketing

Definition and meaning of marketing- marketing management- marketing concepts- Functions of Marketing - marketing environment: various environmental factors affecting the management functions. Buyer behavior-buying motives, explanation of motivation, Buying process, consumer models.

Module II: Process of Marketing

Market segmentation, Target marketing, Product positioning, Marketing: Creating and Capturing Customer Value, Analyzing the Marketing Environment, Marketing Research, Demand Forecasting, New Product Development, Marketing Mix

Module III: Product and Promotion

Product – Goods and Services - Product life cycle- product mix, product line management line-packing. Promotional strategy- advertising, sales promotion, publicity and public relations, personal selling

Module IV: Pricing

Price policies- Setting Price, objective factors influencing price decisions – competitors reaction to price change-multi-product pricing.

Module V: Place and Distribution management

Marketing Channels, type of intermediaries-number of channels, channel integrations, channel management- Retailing and Wholesaling marketing strategy, competitive strategies- Digital marketing, Social media marketing, e-Commerce

References

1. Kotler, P., Keller, K. L., Koshy, A., & Jha, M. Marketing Management: A South Asian Perspective, Pearson Education, New Delhi, 2012
2. Kotler, Philip. Marketing Management, Millennium Edition. Intl ed. US: Prentice Hall, 2002
3. Ramaswamy, V. S. & Namakumari, S. Marketing Management: Global perspective Indian context. McGraw hill, 2017
4. Principles of Marketing, Kotler and Armstrong, Pearson, 2008
5. Stanton, Etzel, Walker, Fundamentals of Marketing, Tata-McGraw Hill, 1991
6. Michael Etzel, Bruce J Walker, et al., Marketing, McGraw Hill, 2017
7. Cundiff & Still, Fundamentals of Modern Marketing, 1976
8. Saxena, Rajan, Marketing Management, Tata-McGraw Hill
9. McCarthy, E.J., Basic Marketing: A managerial approach, Irwin, 1960
10. Etzel, Walker and Stanton, Marketing, 2001

4. Administrative Law

Semester 4	Course 4	(25-273-0404)

Course Objectives

This course provides insight as to the structure, functions, powers and accountability of administrative authorities towards public. It provides knowledge on the basic principles on which administrative actions/decisions are taken and thus equips the students to know whom to approach when administration fails /deviates from its said legal obligations. It provides an account of remedies available to an individual against the administration and the modes of devolution of administrative powers.

Course Outcomes (COs)	Bloom's Taxonomy Level

After completion of the course, the student will be able to:		
CO1	Understand and basic principles on which administrative actions/decisions are taken	Understand
CO2	Appreciate the reasonableness of exercise of administrative actions	Analyse
CO3	Analyse and suggest appropriate administrative remedies when confronted with challenges.	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	1
CO2	2	2	3	2
CO3	1	3	2	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Basic Principles of Administrative Law**

Meaning - content and growth of administrative law in India - Rule of Law and the Constitution- Constitutional Values- Doctrine of separation of powers- Classification of administrative functions- rule making, adjudicating and pure administrative functions.

Module II: Forms of Administrative Functions

Delegated Legislation - concept, procedure, validity- controls-Administrative decision making and principles of natural justice – doctrine of fairness- Wednesbury Reasonableness- legitimate expectation-proportionality principle- Promissory estoppel- administrative discretion- Judicial review of administrative action

Module III: Administrative Tribunals in India

Statutory tribunals – Constitutionality- enquiries and commission- Ombudsman- Lokpal and Lokayuktha- CVC

Module IV: Administrative Privileges and Right to Information

Privileges and liabilities of the administration -Statutory, Contractual, Tortious- Constitutional Protection to Civil Servants-Concept of governmental privilege - Open Government and right to information – Governmental Secrecy

Module V: Local Self Government in India

Democratic Decentralisation- development- Structure of local self government-growth- Constitutional- Statutory- Parliamentary-Administrative- Judicial-Controls

References

1. H.W.R. Wade & C.F. Forsyth, Administrative Law, OUP

2. Dr A T Markose, The Judicial Control of Administrative Action In India, 1956
3. Jain and Jain, Principles of Administrative Law, (Vol1&2) Lexis Nexis,2017
4. I.P. Massey, Administrative Law, Eastern Book Company, 2017
5. T.K. Takwani, Lectures on Administrative Law, Eastern Book Company,2017
6. S.P. Sathe, Administrative Law, LexisNexis
7. De Smith, Administrative Law, Thomson Reuters
8. Foulkes, Administrative Law, OUP

5. Family Law-I

Semester 4	Course5	(25-273-0405)

Course Objectives

The course intends to introduce students to family law as a dynamic field of law concerning a basic social institution, the family. To explain the relevance of Family law in other areas of law such as contracts, constitutional law, conflicts of laws, criminal law, property, trusts and estates, and to illustrate as well as how family law draws on the social sciences. The course will focus on marriage, non-marital families, divorce and maintenance, pathways to becoming a parent and the parent-child relationship under different personal laws and statutes.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand rights and duties of members of family towards each other.	Understand
CO2	Apply negotiation, mediation, and other forms of dispute resolution in the practice of family law.	Apply
CO3	Analyse and appreciate the working of organizations and institutions working on issues relating to women and children at domestic and international level.	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	2	3	3	1
CO2	2	2	3	1
CO3	1	3	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I : Marriage and Divorce under Hindu Law

Sources of Hindu law - Concept of marriage in general - Solemnization of Marriage under Hindu Marriage Act– Validity of marriage – Registration of Marriage - Restitution of Conjugal Rights - judicial separation –Theories of Divorce - Grounds of divorce -Maintenance under Hindu personal law and other statutory laws.

Module II – Marriage and Divorce under Muslim Law

Sources and schools of Muslim law - Solemnization of marriage – Nikah –Classification of Marriage and its Validity – Kinds of dower - Divorce – Extra judicial and Judicial modes of Divorce – Maintenance under Muslim personal law and other statutory laws.

Module III – Marriage and Divorce under Christian Law

Sources of Christian law – Solemnization of marriage - Validity of marriage – Registration of Marriage – Divorce - Grounds of divorce - Maintenance under Christian personal law and other statutory laws.

Module IV – Marriage under Special Marriages Act

Procedure for marriage and matrimonial reliefs under the Special Marriages Act-Registration of marriage – Live-in relationship – - Prohibition of Child Marriage Act -conflict between personal law and statutory laws.

Module V – Legal Provisions of Adoption

Adoption under Juvenile Justice Act –Inter-country Adoptions-CARA guidelines– Adoptions and maintenance Act– Minority and Guardianship Act.

References

1. Mulla, Principles of Hindu Law
2. ParasDiwan, Family Law, 2018
3. PoonamPradhanSaxena, Family Law Lectures.
4. Mulla, Mohamedan Law
5. Prof. G V C Subbarao, Family Law in India, 2018
6. Tahir Mohamed, Muslim Law in India.
7. Sebastian Champappilly, Christian Law, 2007
8. E.D. Devadasan, Handbook of Christian Law
9. RanganathMisra, Mayne’s Treatise on Hindu Law & Usage, 2014.
10. Satyajeet A. Desai, Mulla Principles of Hindu Law, Vol. I & II, 2011

6. Law of Crimes-II

Semester 4	Course4	(25-273-0406)

Course Objectives

This course provides insight on various categories of offences viz. those affecting the society, those affecting human body, specific offences against women. It helps in examining the

legislative history behind the inclusion of certain offences and examining the offences which were decriminalised. It also helps in understanding the judicial interpretation given to the provisions in the light of decided cases.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to :		
CO1	Understand the ingredients of different offences under penal legislations.	Understand
CO2	Analyse the judicial interpretations to elements of various offences	Analyse
CO3	Advise clients about the defences that could be taken	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	2	3	3	1
CO2	2	3	2	1
CO3	1	3	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Offences against Public Health, Safety, Decency and Morals

Offences against public order, health and morality- public nuisance –Spreading of infectious diseases -adulteration of food and drugs - negligent and dangerous driving - obstructing public ways – keeping dangerous animals – obscenity- Need for making certain acts as offences- Mob Lynching- honour killing.

Module II: Offences against Human Body

Offences against human body - culpable homicide, murder- murder by life-convict – causing death by negligence and the punishment scheme - Hurt- grievous hurt, simple hurt – wrongful restraint –wrongful confinement-assault- kidnapping and abduction- Offences against the unborn child– Rash or negligent acts -Attempt to murder – abetment of suicide-Decriminalisation of attempt to Suicide –attempt commit suicide to restrain exercise of lawful power-Criminal force and assault — Decriminalization of unnatural offence.

Module III: Offences against Women and Offences Relating to Marriage

Outraging the Modesty of Women- Voyeurism- Stalking- Rape – sexual intercourse by deceitful means-Acid Attack - Offences relating to marriage- -bigamy- Decriminalisation of adultery-cruelty by husband.

Module IV: Offences Relating to Property

Offences against property - theft, snatching, extortion- robbery and dacoity - criminal misappropriation- criminal breach of trust –stolen property- cheating – mischief -criminal trespass- Housebreaking.

Module V: Other Offences

Offences relating to religion-Offences relating to documents, trade and property marks- forgery- counterfeit- criminal breach of contract of service- criminal intimidation, Insult and annoyance-defamation.

References

1. Bharatiya Nyaya Sanhita , 2023
 2. Kenny, Outlines of Criminal Law 19th edn
 3. R.C. Nigam, Law of Crimes in India Vol.I& II
 4. K.D.Gaur, Criminal Law: Cases & Materials, 2015
 5. Glanville Williams, Text Book of Criminal Law, 2015
 6. Smith and Hogan, Criminal Law, 2018
 7. Ratanlal& Dhirajlal, The Indian Penal Code, Lexis Nexis.
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Vth Semester B.Com LLB (Hons.)

1	Management Accounting
2	Information Technology for Business and Law
3	Consumer Protection Law
4	Family Law–II
5	Law of Criminal Procedure
6	Law of Evidence

1. Management Accounting

Semester 5	Course 1	(25-273-0501)

Course Objectives

The objectives of this course is to develop professional competence and skill in applying accounting information in managerial decisions.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Explain the concepts of management accounting	Understand
CO2	Develop the skill required for the application of the methods and techniques of management accounting in managerial decisions	Apply
CO3	Assess and apply the relevant accounting control techniques in different types of industries	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	3
CO2	3	3	3	2

CO3	2	3	3	3
1-Low Correlation	2-Medium Correlation	3-High Correlation		

Course Contents

Module I: Introduction to Management Accounting

Meaning- evolution- Definition- Nature and Characteristics- scope- Objectives- Functions- Distinction between financial accounting and management accounting- distinction between cost accounting and management accounting- Tools of Management Accounting- Limitations of Management Accounting.

Module II: Marginal Costing and Cost Volume Profit Analysis

Marginal Costing: Meaning and Concept of Marginal Costing - Features of Marginal Costing- Cost Volume Profit Analysis-Break Even Point, Margin of Safety- Break Even Chart and Angle of Incidence - Limitations of Marginal costing.

Module III: Applications of Marginal costing and Activity Based Costing

Profit planning Cost and decision relating Product Pricing; Product Mix; Make or Buy; Choosing among alternatives and closing down or suspending an activity-Introduction to Activity Based Costing (Problems of ABC excluded)

Module IV: Budget and Budgetary Control

Meaning and need for budget; Objectives of budgetary control; Steps in budgetary control; Types of budgets; Preparation of cash budget, production budget and sales budget; Advantages and limitations of budgetary control.

Module V: Standard Costing

Standard Costs and Standard Costing; Uses, & Importance. Differences with Budgetary Control, Classification of Standards. Analysis and computation of Materials, Labour and Overhead Costs (concepts only) Variances

References

1. Horngren, Foster & Rajan, Cost Accounting,- A Managerial Emphasis, Pearson, 2017
2. B.Banerjee, Cost Accounting, PHI, 2021
3. Jawahar Lal & Seema Srivastava, Cost Accounting, TMH, 2013
4. M.Y.Khan & P.K.Jain, Management Accounting, TMH, 2017
5. Atkinson, Management Accounting, Pearson, 2007
6. Bhattacharyya, Ashish K., Cost Accounting for Business Managers, Elsevier, 2009
7. Ravi M Kishore, Cost and management Accounting, Taxmann, 2021
8. Hanif, M., Cost and Managment Accounting, TMH, 2019
9. Mitra, J.K., Cost and Management Accounting, Oxford, 2018

10. Drury, C., Management and Cost Accounting, Cengage, 2018

2. Information Technology for Business and Law

Semester 5	Course 2	(25-273-0502)

Course Objectives

The objective of the course is help the learner to twig and couple the knowledge with underlying dimensions of IT in business models. The course also aims to teach how a lawyer can take a stand in IT issues without deteriorating ‘justice’ and ‘utilization’ in information technology related cases and for that a thorough understanding about information technology is required. This course eases the students to deal with IT issues also with solid arguments with ground level understanding of IT and business models.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to :		
CO1	Understand different IT analytical perspectives and management decision tools used in businesses	Understand
CO2	Appreciate the concept of IT management strategy formulation, implementation, and evaluation.	Evaluate
CO3	Examine latest technological advancements and its impact on law and society.	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	2	3
CO2	3	2	1	3
CO3	3	3	3	3

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Contents

Module I: Information Technology Management

Understanding Technology, IT and its Relationship with Wealth of Nations and Firms Specific Knowledge; Technology Life Cycles, Technology Acquisition and Absorption;

Technology Exports / Joint venture abroad, Technological Intelligence and Forecasting, Global Trends in Technology Management, Big data analysis.

Module II: Information Systems for Management Decision Support

Concepts of Data, Information and knowledge, Concepts of Database Management Systems, Processing of data using computers, Storage and Retrieval of massive data on computers, MIS, Phases in software Systems Life Cycle. Application of Information systems, Use of Information systems in Business and their advantages, Application areas, problems Packages for Accounting and Finance, Decision Support Systems, Knowledge Based System

Module III: Data organization and Data Base Management System:-

Data organization: Character, field, record, file and database. Types of Data Processing Systems: Traditional file organization Vs. Database File organization. Data Base Management System: Concept, Types of database, hierarchical, network and relational, Basic ideas of Data Warehouse and Data mining, bit coin, block chain technology and crypto currency.

Module IV: Data Communication and Computer Network

Data Communication: Concept of Data communications, Transmission Modes: Simplex, Half Duplex, Full Duplex, Serial, Parallel, Synchronous, Asynchronous, Communication Media: Wireless and satellite communication, Wireless Broadband, WAP, Network components – Bridge, Switch, Router, Gateway, Introduction to Cloud Computing, Definition, Characteristics, Components, Cloud provider. Data Mining

Module V: Security Issues

Security threats - Virus, Trojan, Hacking, Spam- Cyber Security - Firewall, Antivirus software, Digital Signature. Concept of data Encryption & Decryption, Symmetric and asymmetric encryption, Digital envelope, Security Threats in E-Business environment, Technology Solutions – Symmetric key and Public key encryptions, Digital signature, Digital Envelope, Digital Certificates, SSL, SET, S-HTTP, VPN etc.

References

1. Computers, Technology, Applications and Social Implications (with BASIC & PASCAL),
2. J. Daniel Cougar & Fred R. McFadden, Wiley, A First Course in Data Processing.
3. John Moss Jones, Automating Managers: The implications of IT for Managers, Pinter, London
4. Estrada Susan, Connecting to Internet, O. Reiley, 1993.
5. Tudor Dorothy and Tudor Ian, Business Systems Development, (1997), NCC Education Services Limited.
6. Stuart Harris, Human Communication and Information Systems, (1988), NCC Education Services Limited
7. Bob Penrose and Bill Pollard, The Complete A-Z ICT & Computing Handbook, Hodder & Stoughton Ltd
8. Understanding Computer Science for Advanced Level, by Ray Bradley, Stanley Thornes Ltd
9. Williams, Sawyer & Hutchinson, Using Information Technology. A Practical Introduction to Computers and Communications, (1999), Irwin/McGraw-Hill Companies
10. Lucas, Information Technology – Strategic Decision Making for Management
11. Rainer, Introduction to information systems- Supporting & Transforming Business (Wiley)
12. Gordon B. Davis & Margrethe, Management Information System, TATA McGraw-Hill Publishing Co. Ltd. New Delhi.

3. Consumer Protection Law

Semester 5	Course 3	(25-273-0503)

Course Objectives

The course imparts knowledge about the historical evolution and the legislative framework of Consumer Protection Law in India. The course intends to provide a comprehensive understanding about the scope and application of consumer protection laws in India. It provides an overview of the effectiveness of the Consumer Protection Act, 2019 in safeguarding consumer rights and enhancing consumer welfare. The course also intends to educate the students about the mechanisms for the enforcement of consumer rights in India and covers contemporary judicial and legal developments in this area.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand various consumer rights, the laws dealing with such rights and to act as a responsible consumer in the market	Understand
CO2	Evaluate and determine the adequacy of consumer protection measures in various scenarios	Evaluate
CO3	Evaluate the functions of the various enforcement mechanisms under the consumer laws	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	1	3	3	3
CO2	1	3	2	2
CO3	2	3	3	2

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Contents**Module I: Introduction**

Consumerism - origin and development - consumer movement -consumer organizations in India – Constitutional values- Protection of consumer under contract, tort and criminal law - consumer protection councils - Concept of consumer- definition - consumers of government service, statutory service and consumers of common property -consumer of service and unfair trade practices – Rights of Consumers.

Module II: Consumer Protection Laws

Consumer Protection Act, 2019 – Features - Comparison with Consumer Protection Act, 1986 – Consumer– Concept & Meaning – Judicial Expansion – Commercial Purposes - Key

Definitions under 2019 Act – Misleading Advertisements – Unfair Trade Practices – Restrictive Trade Practices

Module III: Defects in Goods

Goods - Consumer of Goods – Defects – Product Liability - Standard of Purity, Quality and Potency – Law on Food and Drug safety - FSSAI Act & Other Laws - Weights and Measures – Legal Metrology Act - Supply of Essential Commodities - Standardization of Goods – Various Quality Marks - BIS, AGMARK, FSSAI Mark, ISI Mark, GM Mark, etc.

Module IV: Deficiency in Service

Service - Deficiency in Service – Service Liability – E-Commerce - Professional and Public Utility Service – Government Services, Medical Service, Lawyers Service, Educational Services, Commercial Service, Insurance, Electricity, Gas, etc.

Module V: Enforcement of Consumer Rights

Enforcement of Consumer Rights – Agencies under Consumer Protection Act - Central Consumer Protection Authority – Consumer Protection Councils - Consumer Commissions - Jurisdiction, Functions and Powers- Procedure – Mediation, Enforcement of Orders – Class Actions.

References

1. Dr. Avtar Singh, Consumer Protection Laws, EBC, Lucknow, 2018
2. G. B. Reddy, Law of Consumer Protection, Hyderabad: Gogia Law Agency, 2014
3. Mamta Rao, Public Utility Services under the Consumer Protection Act, Deep and Deep Publications, New Delhi, 1998
4. V N Viswanathan, Consumer Rights in Service Sector, D. K. Agencies, New Delhi, 2008
5. Rifat Jan, Consumerism and Legal Protection of Consumers, Deep & Deep Publishers, New Delhi, 2007.
6. M M Nabi, et al, Consumer Rights and Protection in India, New Century Publications, 2015
7. D P Wadhwa & N L Rajah, The Law of Consumer Protection (Set of 2 Volumes), Lexis Nexis, 2017
8. Dr. H. K. Saharay, Text Book on Consumer Protection Law, Universal Law Publishing Co, 2017
9. P K Dutta, Consumerism and Consumer Protection in India: Law and Practice, Himalaya Publishing Co, 2015.

4. Family Law–II

Semester 5	Course 4	(25-273-0504)

Course Objectives

The objective of the course is to introduce the students to the laws relating to family matters governing succession, partition, gifts and religious endowments applicable to Hindus, Muslims and Christians. The course will focus on property relations in a family and the legal

incidence of joint family, testamentary succession and intestate succession under the different personal laws marriage and statutes. The course will enhance their understanding on property rights of females and enable critical thinking regarding the lacunas in the law.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Get insights about the Laws of Succession and inheritance under the various personal laws	Understand
CO2	Examine the issues relating to rights of women in family property, inheritance and agricultural holdings	Analyse
CO3	Evaluate the inadequacies in the existing laws and suggest reforms using a gendered lens	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	3
CO2	3	3	3	3
CO3	1	3	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Coparcenary, Survivorship, Partition in Joint Hindu Family

Concept of joint Hindu family - Coparcenary under Mitakshara and Dayabhaga law – Kinds and Sources of property – Karta – Status, powers and duties – Principle of survivorship and succession – Daughter as a Coparcener - debts and pious obligations – Partition of Joint Hindu Family Property - Legislative and Judicial responses before and after 2005.

Module II : Inheritance under Hindu Law

Application of Hindu Succession Act - General principles of Inheritance - Disqualifications of heirs – Succession to the Property of male intestate - Succession to the Property of female intestate - Hindu Women's estate - Dwelling house and Right of Pre-emption.

Module III : Inheritance under Christian and Muslim Law

General rules of inheritance under Muslim law - Classification of heirs under Sunnis and Shias - Entitlement of heirs – General rules of inheritance under Christian law – diversity in inheritance laws - classification of heirs and their entitlement.

Module IV : Testamentary Succession

Testamentary succession under Hindu, Muslim and Christian Law – Limitation to testamentary powers under various religious and statutory laws – Will and administration of will – Codicil - Probate, letters of administration and succession certificate.

Module V: Gift and Religious Endowments

Alienation of property by gift among Hindus, Muslims and Christians - Hindu religious endowments –Wakf –Types and administration of wakf – Mutawalli and his powers.

References

1. Mulla, Sathyajit Desai, Hindu Law, Lexis Nexis, 2024
2. Tahir Mahmood, Family Law in India, EBC, 2023
3. Mulla, Principles of Mohammedan Law, 2021
4. Munshi Tayyibji, Tayyibji Muslim Law,
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6. Tahir Mohammed, The Muslim Law of India. (5th Edition)
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8. Paras Diwan, Law of Marriage and Divorce.
9. Sebastian Champapilly, Christian Law, 2007
10. Paruck, The Indian Succession Act, Lexis Nexis, 1995.
11. E.D. Devadasan, Handbook of Christian Law.
12. Bakshi P. M., Law of Succession, 1997.

5. Law of Criminal Procedure

Semester 5	Course5	(25-273-0505)

Course Objectives

This course intends to give the students an insight into the philosophy of procedures prescribed in the Criminal Procedure law and to provide a comprehensive understanding of the structure and function of the criminal Justice system, the various procedures involved from the stage of setting the law into motion, investigation, trial, and post-trial procedures. It also aims to create the ability in the students to evaluate the efficacy of the various Procedural rules and its impact on the criminal justice system. The course intends to cover the contemporary judicial and legal trends in this area.

Course Outcomes (COs)	Bloom's Taxonomy Level
After completion of the course, the student will be able to :	

CO1	Identify and illustrate key legal terms, concepts and processes in criminal procedural law	Understand
CO2	Appreciate the procedural steps from investigation to trial and post-trial procedures and to analyze factual scenarios to identify procedural issues and potential defenses	Evaluate
CO3	Evaluate the criminal procedure as a facet of “fair just and reasonable procedure” enshrined under Article 21 of the Constitution of India.	Evaluate
CO4	Undertake a philosophical understanding of the various provisions of the Criminal Procedure law which will enable them to be good lawyers, prosecutors or judges and to suggest legal reforms to improve the fairness and efficiency of the criminal justice system.	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	2
CO2	2	3	3	2
CO3	3	2	3	3
CO4	3	3	3	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Background of Bhartiya Nagarik Suraksha Sanhita, 2023 (BNSS) -Hierarchy of Courts– Classification of Offences- Functionaries**

Enactment of BNSS – Object - Jurisdiction and hierarchy of criminal courts – Offences-cognizable and non-cognizable- Bailable and non-bailable- summons case and warrant cases- Police- Prosecutors- Directorate of Prosecution- Defence Counsel- Executive Magistrate and Judicial Magistrate- Prison Authorities and Correctional services Personnel

Module II: Pre-trial Procedures - Police- Powers and Functions- Investigation-Prosecutors

Police - organization of police - hierarchy of police departments - powers and function of police -Designated Police Officer- Initiation of Criminal proceedings-Arrest- Arrest without warrant- Rights of arrested persons- Arrest by private person- Procedure for effecting arrest-Medical examination of accused – person accused of rape and arrested person- Arrest of persons against whom warrant issued-Bail- Search and Seizure- Recording of search and seizure through audio-video electronic means- Attachment, forfeiture and restoration of property- Investigation- - information to police in cognizable and non-cognizable cases-FIR-Zero FIR- Recording of confession and statement -safeguards- Medical examination of victim of rape- Procedure when investigation cannot be completed in 24 hours- judicial trends- Police Report- Cognizance of Offences- Limitations - Prosecution- Role of Prosecutor in Criminal Procedure-Withdrawal from Prosecution .

Module III: Trials- Procedures

Trial - concept of fair trial – Charges- complaints to Magistrate- trial of summons and warrant cases - trial before sessions court- Compounding of offences- trial and proceedings in electronic mode- Inquiry, trial or judgment in absentia of accused and proclaimed offender- Evidence of Public servants, experts and police officers- Audio Visual recording of Trial- Trial before High Courts-Summary trials-Plea bargaining- Discharge and Acquittal

Module IV: Judgment –Appeals- Probation- Bail- Juvenile Justice

Judgment- appeal- Appeal by state against sentence- Appeal against acquittal- Reference and Revision- Execution, suspension, remission and commutation of sentences- bails and bonds- Bail in case of Non-bailable offences- Anticipatory bail-Probation-compensation to victims- Witness Protection scheme- Law relating to child in conflict with law- authorities in relation to child in conflict with law-institutions of juvenile care.

Module V: Maintenance- Inherent Powers-Preventive and Precautionary measures

Maintenance to wives, children and parents- inherent power of the High Court-judicial interpretations- Dispersal of unlawful assemblies- Protection against prosecutions- Removal of Public nuisance- Persons bound to conform to lawful directions of the Police-Security for Keeping peace- maintenance of public order and tranquility.

References

1. R.V. Kelkar, Criminal Procedure, Eastern Book Co.,2018
2. Ratanlal, The Code of Criminal Procedure, Lexis Nexus, 2011
3. Peter J., Koppen et.al , Springer publications, 2003
4. Kerstin Braun, Victim Participation Rights, Springer
5. V. Sithannan, Police Investigation Powers, Tactics and Techniques, 2018
6. Mathew Lippman, Criminal Procedure, Sage Publications, 2019
7. Jacqueline E. Ross, Comparative Criminal Procedure, 2018
8. Bhartiya Nagarik Suraksha (second) Sanhita, 2023

6. Law of Evidence

Semester 5	Course 6	(25-273-0506)

Course Objectives

The course aims to help students understand the application of rules of relevancy, admissibility and appreciation of evidence in the trial process and civil proceedings. The course intends to provide insights about interpretations given by the courts on tendering of evidence,

reliability of evidence and burden of proof in civil and criminal cases. The difference in the perspectives of admissibility of evidence under special legislations will also be discussed.

Course Outcomes(COs)		Bloom's Taxonomy Level
After completion of the course the student will be able to :		
CO1	Understand the relevance and admissibility of evidence	Understand
CO2	Appreciate the fact finding process in a litigation	Analyse
CO3	Develop critical thinking skills necessary in the conduct of litigations and in adducing of evidence	Analyse
CO4	Apply and interpret the laws of evidence and become successful lawyers, prosecutors and judges	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	2	3	2	1
CO2	2	3	2	1
CO3	2	2	3	1
CO4	3	3	3	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Basic Principles of Law of Evidence

History and development of law of evidence- salient features- definition- legal and logical relevancy- Relevancy and Admissibility- Best evidence rule- Fact, fact in issue and relevant fact- Kinds of evidence- Evidence and proof- Concepts- Constitutional protections and adducing of evidence- Special legislations and Evidence Act- Family courts, Forest and Excise cases.

Module II : Relevant Facts as Evidence

Relevancy of facts- *Res gestae* –Common intention- identity and identification- Facts otherwise irrelevant- proof of right or custom- Circumstantial evidence- principles –Motive, preparation, conduct, occasion, cause, opportunity, state of mind, body, bodily feeling- similar facts. Facts delineating accidental occurrences and intentional acts. Exclusion of hearsay evidence and exceptions- Admissions –Principles and applicability- Confessions & Coercion - kinds of confessions, valid confession, principles, exceptions- Confession to Police– Recovery pursuant to authoring concealment - Applicability and evidentiary value- Co accused and approver- Declarations by persons who cannot be called into court as witnesses – Dying declaration – Relevance of judgements as evidence - Expert opinion- Opinion as to rights, custom, usages, tenets, relationships etc. Character

evidence- civil and criminal cases- principles, applicability, exceptions and evidentiary value, witnesses- evidence of character of victims of sexual offences pertaining to previous sexual experience regarding issues of consent.

Module III: Vehicles of Evidence

Facts which not be proved-Judicial notice- Extra Judicial Operation - Oral evidence- Rule against Hearsay Evidence-Documentary evidence- Primary and secondary evidence- kinds – rules regarding admissibility- Proof of execution of documents- Attestation- Proof of handwriting to prove execution – Exclusion of oral by documentary evidence- Kinds of documents- Ambiguity in documents- Presumption of documents-cyber laws- Electronic and digital evidence- Admissibility, Reliability and Burden of Proof -Electronic Discovery— appreciation of scientific evidence .

Module IV : Discharging the Onus

Burden of proof- concept- Application at different levels- Standard of proof- General and special exceptions- Reversal of burden of proof in special legislations - Kinds of Presumptions – Presumption of law, fact and conclusive proof -Presumptions and burden of proof- - Presumption as to legitimacy of child and presumption as to matrimonial offences- dowry death – abetment to commit suicide by a married woman - Presumptions as to life and death- Presumptions as to absence of consent in rape – Presumption as to certain Offences - Estoppel- Scope, principle, kinds, applicability- Waiver and presumption.

Module V : Dynamics in Trial Process

Trial- Relevance of evidence taken before trial- competency and compellability of witnesses- Privileged communications- Categories, scope and exceptions- Examination of witnesses and various categories of examinations- Rules pertaining to the conduct of various examinations-Corroboation and contradiction- Principles and mechanics- Hostile witnesses- Witness protection programme- Leading questions- Refreshing memory- Compulsion to answer questions- Improper admission or rejection of evidence- Judge's power to intervene in trial.

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5. Ratanlal and Dhirajlal's Law of Evidence, Lexis Nexis, 2017
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VIth Semester B.Com LLB (Hons.)

1	Corporate Accounting
2	Entrepreneurship Development
3	Civil Procedure Code and Limitation Act
4	Company Law
5	Labour Law–I (Trade Unions and Industrial Disputes)
6	Public International Law

1. Corporate Accounting

Semester 6	Course 1	(25-273-0601)

Course Objectives

To course intends to make the students familiarise with corporate accounting procedures and to understand the accounting for companies, Topics include issues relating to amalgamation, absorption, Liquidation and reconstruction of companies.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to :		
CO1	Develop in depth knowledge in accounting associated with companies	Understand
CO2	Attain thorough knowledge of relevant accounting standards and the ability to solve practical problems in accounting	Apply
CO3	Develop analytical ability especially in the case of Amalgamation, Absorption, Reconstruction and Liquidation of companies.	Analyse
CO4	Choose areas such as CA, CS, ICWA, M.Com, MBA, Finance, Banking, Insurance, Consultancy Computer Accounting etc	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	3

CO2	3	3	3	3
CO3	3	2	3	1
CO4	1	1	2	1

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Company Accounts

Meaning & definition of Company, Characteristics, Issue and Forfeiture of shares; Issue and Redemption of Preference Shares; Rights Issue and Bonus Issue; Issue and Redemption of Debentures.

Module II: Final Accounts of Companies

Accounting Standards; International Financial Reporting Standards; Preparation of final accounts of companies as per Companies Act 2013; Profit prior to Incorporation

Module III: Amalgamation, Absorption and Reconstruction

Meaning of Amalgamation, Absorption and Reconstruction; Types of Amalgamation and reconstruction; Calculation of Purchase Consideration; Accounting in books of purchasing company and vendor company, Preparation of Balance sheet after Amalgamation, Absorption and External Reconstruction; Internal Reconstruction or capital Reduction ;Concept; Reorganisation of capital-preparation of post reconstruction Balance sheet

Module IV: Liquidation

Meaning of Liquidation; Meaning of Contributory; Order of Payment of amounts realised; Preparation of Statement of Affairs, Preparation of Deficiency/Surplus Account; Preparation of Liquidators Final Statement of Account

Module V: Analysis of Financial Statements

Meaning of Financial Statements, Need and Objectives of Financial analysis, Limitations of Financial Accounting and Financial Statements (Theory), Ratio Analysis, Preparation of Balance sheet using Ratio.

References

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2. Entrepreneurship Development

Semester 6	Course 2	(25-273-0602)

Course Objectives

To develop entrepreneurial spirit among students. To empower students with sufficient knowledge to start up their venture with confidence. To mould young minds to take up challenges and become employer than seeking employment and to make them aware of the opportunities and support for entrepreneurship in India

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to :		
CO1	Distinguish distinct entrepreneurial traits	Understand
CO2	Assess opportunities and constraints for new business ideas	Evaluate
CO3	Demonstrate the systematic process to select and screen a business idea	Apply
CO4	Design strategies for successful implementation of ideas and prepare business plan	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	2	3
CO2	3	3	2	2
CO3	3	3	2	3
CO4	2	3	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Entrepreneurship and its Characteristics

Entrepreneurship -Definition -Meaning-Concepts-Characteristics-Functions-Entrepreneurial traits -Motivation; Role of entrepreneur in economic development-Factors affecting

entrepreneurial growth.

Module II: Entrepreneurship Development and Training

Types of entrepreneurs- Intrapreneurship -Women entrepreneurship-Problems- -EDP-Steps, contents, Need for training- target group- Contents of the training programme-Special Agencies for Entrepreneurial Development and Training-DIC.

Module III: Project Management

Project -Meaning -Features-Classification-Project identification-Sources of Ideas-Stages in project identification -Project Life Cycle-Project formulation-elements, Feasibility Analysis-Network Analysis-Project Planning

Module IV: Small and Medium scale industry

Setting up of micro small and medium enterprises, location -significance, Green channel, Bridge capital, Seed capital assistance, Margin money scheme, Sickness, Causes-Remedies.

Module V: Institutions/Schemes in entrepreneurial development

Role of Institutions/Schemes in Entrepreneurial Development-SIDCO, SIDBI, NIESBUD, EDII, SISI, NREG Scheme-SWARNA JAYANTHI Rozgar Schemes.

References

1. Anjan, R. Managing New Ventures, Concepts and Cases in Entrepreneurship, New Delhi, PHI Learning Private limited, 2011
2. Bhide A, The Origin and Evolution of New Businesses, New York, Oxford University Press, 1999
3. Brandt, S. C. Entrepreneurship: The 10 Commandments for Building a Growth Company. New Delhi: McMillan Business Books, 1997
4. Manjunath, N. Entrepreneurship & Management. Bangalore: Sanguine Technical Publishers, 2008
5. Khanka S S- Entrepreneurial Development- S Chand and Sons, 2007
6. Desai, Vasant- Small Scale Business and Entrepreneurship- Himalaya Publications, 2015
7. AP Padnekar, Entrepreneurship, Himalaya Publishing House, Mumbai, 2016.
8. Rao, V S P- Business, Entrepreneurship and Management- Vikas Publishing House , 2014
9. Pandya, Rameswary- . Skill Development and Entrepreneurship in India, New Century Publications, 2016

3. Civil Procedure Code and Limitation Act

Semester 6	Course 3	(25-273-0603)

Course Objectives

The course intends to impart basic knowledge about the civil procedure followed in Indian courts and thereby enable one to get familiarized with the proceedings followed in civil courts. The course

introduces and provides insights on practice and procedures followed in civil courts. It also facilitates the students to interact with the practicing lawyers and to share their experiences.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to :		
CO1	Understand civil drafting process.	Understand
CO2	Analyse proceedings happening in the civil court.	Analyse
CO3	Develop the skills and ethics required for a practicing lawyer	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	1	3	3	1
CO2	3	2	3	3
CO3	3	2	2	1

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Fundamentals of Civil Procedure

Suits in General- Definitions - Decree, decree holder, judgment, judgment debtor, legal representative, mesne profit, order and pleader, Cause of action- Jurisdiction of the Courts (Subject matter, territorial and pecuniary)- res subjudice - res judicata- Foreign Judgment

Module II: Civil Litigation

Suits - Parties to Suits- Framing of Suits- Pleadings generally - Complaint –Written Statement- (Set-off & Counter-claim)- Appearance of parties - Ex parte Decree, dismissal for default- Costs and Interest- Filing a Caveat.

Module III: Civil Court Trials

Trial of suits and Execution of Decree- Summons-Issue and Service of Summons- Summoning and Attendance of witnesses- Withdrawal and adjustment of Suits- Examination of parties by the court- Temporary & permanent injunction and Interlocutory Orders-Issue of commissions-Arrest and Attachment before Judgment- Execution of Decrees - Executing Court, - Modes of Execution etc.

Module IV: Civil Appeals, Review and Revisions

Appeals, Reference, Review and Revision- General provisions relating to appeals- First Appeal - Second Appeal- Appeals to the Supreme Court -Appealable Orders -Reference –Review- Revision - Inherent Powers of Court- Special suits- Suits by/and against minors and person of unsound mind- Suits by/ and against indigent person- Suit by/and against Government.

Module V: Limitation Act

The Limitation Act-General Provisions as to the Bar of Limitation and Extension of the prescribed time-rules of exclusion -Acquisition and Extinguishment of Proprietary rights by the virtue of limitation

References

1. Takwani, Civil Procedure Code with Limitation, Eastern Books, 2023
2. Avtar Singh, The Code of Civil Procedure, 2022
3. Mulla, Code of Civil Procedure, Lexis Nexis, 2017
4. Sudipto Sarkar & M. L. Singhal, Sarkar's Code of Civil Procedure, (2 Vols), Lexis Nexis, 2017
5. C. K. Takwani, Civil Procedure with Limitation Act, Eastern Book Company, 2017
6. M.R. Malik, Ganguly's Civil Court, Practice and Procedure, Eastern Law House, 2012
7. M.P. Tandon, Code of Civil Procedure, Allahabad Law Agency, 2005
8. Advocate K. V. Siva Prasad, The Limitation Act, 1963, MJS Publication, 2018

4. Company Law

Semester 6	Course 4	(25-273-0604)

Course Objectives

The course is intended to acquaint the students with fundamental principles of law relating to companies. It will help students to learn about concepts such as share capital and debt capital. It will help students familiarise with the governance process in companies and the rights of shareholders. It also discusses the administrative controls over companies and the winding up process.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to :		
CO1	Understand the general principles relating to company law.	Understand
CO2	Evaluate functioning of companies and regulatory controls over governance of companies.	Evaluate
CO3	Practice as corporate lawyers and legal managers in companies.	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	2	3	3	3
CO2	3	3	3	3
CO3	3	2	3	3

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Contents

Module I: Introduction to Company Law

Corporate Personality - Advantages and Disadvantages of Incorporation- Formation of company -Promoters-Registration and incorporation of company - Memorandum and Articles of Association -Doctrine of ultra vires, indoor management and constructive notice-concept of corporate governance-Different kinds of company.

Module II: Share Capital and Debt Capital

Concept of Share-Issue of shares and securities- role of SEBI-Prospectus - misrepresentation and remedies –Criminal liability - Allotments of shares – Alteration, reduction and further issue of share capital-Forfeiture, lien, Surrender of shares- Transfer of shares- Debentures – Registration of charges.

Module III: Board of Directors

Composition of board of directors-Position of Directors-appointment, removal and remuneration of directors- independent directors- Board Meetings –Duties of directors- Powers of Directors and Restrictions on powers-Board Committees-corporate social responsibility-Borrowing powers of company- Loans and investments by companies- Distribution of Dividend- Key Managerial Persons.

Module IV: Shareholder Rights and Remedies

Shareholders and Members-Powers of Company in General Meeting- Meetings of Shareholders-Resolutions-Majority Powers and Minority Rights - Shareholder remedies- Class action suits--Prevention of oppression and mismanagement- Role of NCLT, NCLAT.

Module V: Administrative Control over Companies

Maintenance of Accounts- Audit – Inspection, Inquiry and Investigation - Compromise, arrangement, amalgamations- Voluntary winding up and Corporate Rescue- Defunct Company- Striking off names of company.

References

1. Ramaiya, Guide to the Companies Act, Lexis Nexis, 2021
2. Avtar Singh , Company Law, EBC Books, 2022
3. C R Datta on Company Law, Lexis Nexis, 2017.
4. L.C.B. Gower, Principles of Modern Company Law, Sweet and Maxwell, 2016.
5. Avtar Singh, Company Law, Eastern Book Company, 2018.
6. M C Bhandari , Company Law Procedures, Lexis Nexis, 2018
7. Palmer, Company Law, Stevens, 1987.
8. Robin Hollington, Shareholder's Rights,Sweet & Maxwell,2007
9. T. P Ghosh on Companies Act 2013, Taxmann, 2013.
10. Dr. G.K. Kapoor, Sanjay Dhamija, Company Law and Practice, Taxmann, 2015
11. Jonathan Charkham & Anne Simpson, Fair Shares – The future of shareholder power and responsibility, Oxford University Press, 1999.
12. K. Majumdar, Dr. G. K. Kapoor Company Law & Practice, Taxman, 2015.
13. S.M. Shah, Lecturers on Company Law, N M Tripathi Pvt Ltd, 1990.

5. Labour Law–I (Trade Unions and Industrial Disputes)

Semester 6	Course 5	(25-273-0605)

Course Objectives

The objective of the course is to help students understanding labour law regime in India. The course will introduce the students to the different stakeholders at play and the laws which enable them to maintain industrial peace and contribute to industrial development. It helps in critically examining the industrial relations and the role of trade unions. It discusses the legal framework governing wages, safety measures in industries and resolution of industrial disputes.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to :		
CO1	Get insights about different labour protection laws	Understand
CO2	Evaluate and engage in different strategies and mechanisms available for resolution of industrial disputes	Evaluate
CO3	Articulate and engage in legal practice and procedures for setting wages, safety mechanisms, etc.	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	1
CO2	3	2	3	3
CO3	3	3	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I : Theoretical Basis**

Origin, nature and need – industrial relation – concept, objectives and significance – Constitutional framework – fundamental rights and directive principles – impact of globalization on labour policies.

Module II : Collective Bargaining

Notion – meaning and scope – history of trade union movement in India – definition and objects of trade union – registration and its cancellation – powers and functions of Registrar of Trade Union – funds of trade unions – general and political – their immunities – nature and scope

Module III : Measures Relating to Safety

Standing order – its certification, duration and modification – subsistence allowance; notion of factory – approval, license and registration – occupier – his general duties – maintenance of health, safety, welfare – provisions relating to hazardous processes – working hours – child employment

Module IV : Measures Relating to Wages

Minimum wages – fixation and revision – procedure – overtime – exemptions and exceptions – responsibility for payment of wages – fixation of wage periods – deduction and fines – authorities and adjudication of claim; Bonus – meaning of allocable surplus, accounting year and bonus – computation of gross profit, available surplus and bonus – minimum and maximum bonus – set off and set on – disqualification and deduction

Module V: Industrial Disputes

Concept of Industry, industrial disputes, employer and employee – coercive methods used by employees and employers – strike, lock out, lay off, retrenchment, transfers and closure – authorities for dispute resolution - Works Committee – Conciliation officer – Courts of Enquiry – Labour Courts – Tribunals – reference to arbitration – powers of Government – Procedure, Powers and Duties of Authorities

References

1. New Labour Codes
2. Taxmann's Labour Laws with Code on Wages, 2020
3. O.P. Malhotra's Law of Industrial Disputes, LexisNexis, 2015
4. P. L. Malik, Handbook of Labour and Industrial Law, EBC, 2018
5. K.D. Srivastava, Commentaries on Industrial Employment (Standing Orders) Act, 1946, EBC, 2012
6. K.D. Srivastava, Law Relating to Trade Unions and Unfair Labour Practices, EBC, 2003.
7. Alok Bhasin, Labour Laws: A Primer, EBC, 2011
8. Indian Law Institute, Labour Law and Labour Relations, 1968

6. Public International Law

Semester 6	Course 6	(25-273-0606)

Course Objectives

The objective of this course is to give an in-depth understanding about the concept and scope of public international law. It provides a fair idea about relationship between states under international law and how their relationship is being regulated. It further provides an insight about the international law relating to states, individuals, treaties, sea and UNO.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to :		
CO1	Understand the process of evolution of international law	Understand
CO2	Appreciate the role of Nation States in protection of rights of individuals	Evaluate
CO3	Examine specific international legal issues like diplomatic relations	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	1
CO2	3	2	3	3
CO3	2	3	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I- Introduction to Public International Law**

Introduction - Development of International Law – Definitions - Nature of International law - Legality of International Law - Positive Morality - Theories as to basis of International Law - Sources and Subjects of International Law.

Module II-Concept of State

International Law and Municipal Law - Monistic Theory- Dualistic Theory – Other Theories - UK Practice, American Practice and Indian Practice - Concept of State - Essential Ingredients of State - Different kinds of States - Territory of State - Recognition of States - State Jurisdiction -Territorial Sovereignty - Civil and Criminal Jurisdiction

Module III- State Responsibility and State Succession

Responsibility of States – Original and Vicarious Responsibility -State Responsibility for various Acts- Individual Acts, Mob Violence, Insurgency, etc. -State Succession -Theories of State Succession -Rights and Duties arising out of State Succession

Module IV- Individuals, Diplomatic Relations and Treaties

Nationality – Asylum – Extradition- Meaning of Diplomacy -Law on Diplomatic Relations - Classification of Diplomatic Agents – Functions - Privileges and Immunities of Diplomatic Agents - Duties - Law of Treaties

Module V- Law of the Sea and UNO

Historical Background -Maritime Belt -Territorial Sea -The Contiguous Zone -Exclusive Economic Zone -Continental shelf -The High Seas -International Sea Bed Area-Settlement of Disputes under Law of the Sea Convention – Settlement of International Disputes - UNO

References

1. Malcolm Nathan Shaw, International Law, Cambridge University Press, 2017
 2. Tim Hillier, Sourcebook on Public International Law, Routledge, 1998
 3. James Crawford, Brownlie's Principles of Public International Law, Oxford University Press, 2019
 4. Joseph Gabriel Starke, Ivan Anthony Shearer, Starke's International Law, Butterworths, 1994
 5. Lassa Oppenheim, Robert Jennings and Arthur Watts, Oppenheim's International Law, Oxford University Press, 1991
 6. S K Kapoor, International Law and Human Rights, Central Law Agency, 2021
 7. H.O. Agarwal, International Law & Human Rights, Central Law Publications, 2020
 8. Samantha Besson & Jean d' Aspremont, The Oxford Handbook on the Sources of International Law, OUP, 2017
 9. Jan Klabbers, International Law, Cambridge University, 2020
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VIIth Semester B.Com LLB (Hons.)

1	Accounting for Specialised Institutions
2	Environmental Law
3	Labour Law–II (Social Security Laws)
4	Principles of Taxation Law
5	Property Law
6	Drafting, Pleading and Conveyancing

1. Accounting for Specialised Institutions

Semester 7	Course 1	(25-273-0701)

Course Objectives

The objective of this course is to familiarize the students with the accounting practices prevailing in various specialised business enterprises and to acquaint them with the preparation of final accounts of these enterprises.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Explain commonly used financial statements in various specialized institutions.	Understand
CO2	Identify accounting issues and advice companies about compliance requirements	Evaluate
CO3	Develop professional expertise in the field of Accounting for Specialized Institutions	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	2
CO2	1	2	1	1
CO3	3	2	2	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Accounts of Banking Companies**

General Information Relating to Book-keeping System; Books of Accounts required: Slip System of Posting; Preparation of Final Accounts: Legal Requirements Affecting Final Accounts; Preparation of Profit and Loss Account; Preparation of Balance Sheet; Income Recognition; Classification of Bank Advances.

Module II: Accounts of Insurance Companies

Books maintained by Insurance Companies; Preparation of Final Accounts of Life Insurance Business; Determination of Profit in Life Insurance Business; Preparation of Final Accounts of General Insurance Business

Module III: Accounts of Electricity Companies

Meaning of Double Accounts System; Special features of Double Accounts System; Accounts of Electricity Companies: Prescribed Forms of Accounts, Preparation of Capital Account, Preparation of Revenue Account, Preparation of Net Revenue Account, Preparation of General Balance Sheet; Financial Provisions: Adjustment of Rates, Depreciation, Contingency Reserve, Development Reserve, Tariffs and Dividend Control Reserve, General Reserve, Restrictions on Dividend, Clear Profits, Reasonable Return, Capital base, Disposal of Surplus, Replacement of Assets.

Module IV: Government Accounting

Differences between Government Accounting and Commercial Accounting; General Structure of the Financial Administration in India; Treasuries; Government funds; Compilation of Accounts; Accounting Structure; The Comptroller and Auditor General of India: Powers and Duties of the C & A G.; Public Accounts Committee

Module V: Accounts of Co-operative Societies

Meaning of Cooperative Societies; Preparation of Day book and Ledger; Closing of Ledgers; Preparation of Receipts and Payments Statement; Preparation of Final Accounts.

References

1. Jain, S.P., & Narang, K.L., Advanced Accountancy, Kalyani Publishers, New Delhi, 2016
2. Maheswari, S.N & Maheswari, S.K., Advanced Accounting, Vikas Publishing House, New Delhi, 2018
3. Shukla, M.C., & Grewal, T. S., Advanced Accountancy S. Chand and Company Pvt. Ltd, New Delhi, 2017
4. Shukla, S.M., & Gupta, S.P., Advanced Accounting, Sahitya Bhavan Publications, Agra, 2018
5. Raman B S., Corporate Accounting, United Publishers, 2018
6. M A Arulanandam and K S Raman, Advanced Accountancy, Himalaya Publications, Mumbai, 2019
7. The Chartered Accountant (Journal), Institute of Chartered Accountants of India, New Delhi, 2010

2. Environmental Law

Semester 7	Course 2	(25-273-0702)

Course Objectives

The primary objective of the course is to explain the role of law, policy and institution in the protection, conservation and management of environment and natural resources. The various multilateral environmental agreements and doctrines are taught to the students. The course introduces the students to the environmental jurisprudence in India and also equips them with the skills needed for interpreting laws, policies and judicial decisions.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to :		
CO1	Understand the role played by law, policy, and institutional frameworks in the protection, conservation, and management of the environment and natural resources.	Understand
CO2	Analyze legal doctrines on environmental governance, its implications and formulate informed opinions on emerging issues in environmental law and policy.	Analyse
CO3	Apply their knowledge of environmental jurisprudence in India and develop the practical skills necessary for legal reasoning and advocacy in environmental law	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	2
CO2	3	3	3	3
CO3	3	3	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Introduction to Environmental Law**

Environment: meaning and scope –History and Development of Environmental Law in India - provisions in the Indian Constitution – Constitutional Values- Indian Penal Code - Criminal Procedure Code.

Module II: Multilateral Environmental Agreements and Doctrines

Environmental Protection under International Law - Sustainable Development - Precautionary Principle, Polluter Pays Principle, Public Trust Doctrine -- Intergenerational Equity Principle-Common but Differentiated Responsibility Principle – Montreal protocol- Framework Convention on climate change.

Module III: Protection of Forest and Wildlife

Protection of Forest - Forest Laws and policies in India – Judicial approach to forest conservation – Rights of forest dwellers – Wildlife Protection – Bio-diversity Conservation.

Module IV: General and Specific Environmental Protection Laws

Protection of Land, Water, Air and Environment–machinery for control of pollution–wetland conservation–Noise Pollution–Environmental Impact Assessment–Marine Environment-Coastal Regulation Zone

Module V: Judiciary and Environment

Liability for Environmental hazards - Public Liability Insurance - Judicial review of environmental decisions - Evolution of right to environment – Sustainable Development - National Green Tribunal.

References

1. P. Leelakrishnan, Environmental Law in India, 2021
2. P. Leelakrishnan, Environmental Law Case Book, Lexis Nexis, 2006
3. Armin Rosencranz, et.al., Environmental Law and Policy in India, 2022
4. Rodgers, Environmental Law, 1994
5. Satish C. Sastri, Environmental Law, 2015
6. Ashok A. Desai, Environmental Jurisprudence, 2002
7. Jaswal, P. S. and Jaswal, N., Environmental Law, 2017
8. Dr. S. Shantha Kumar, Introduction to Environmental Law, Eastern Book Company, 2016

3. Labour Law –II (Social Security Laws)

Semester 7	Course3	(25-273-0703)

Course Objectives

This course introduces the students to the concept of social security and its different forms by which the society at large take care of its employees at their vulnerable periods. The course provides a comprehensive understanding of the fundamental principles and the various laws governing labour relations, employment standards and worker's rights. It educates the

students about the major provisions of all labour laws and their implications on both the employer and the employee.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to :		
CO1	Understand the legal and regulatory framework of labour laws both at the domestic and international level	Understand
CO2	Appreciate the protection of social security measures & to appraise the situations in which different types of social security measures can be invoked	Evaluate
CO3	Evaluate the compatibility of the Indian legal framework on labour law with the Constitutional guarantees and international standards.	Evaluate
CO4	Assess the lacunae in the labour welfare laws and suggest reforms for enhancing the welfare of labourers	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	3
CO2	3	3	3	3
CO3	2	3	3	3
CO4	3	3	3	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Social Security

Concept, meaning and significance – relation with notion of welfare State – Constitutional Values- social justice – international norms on social security – role of ILO – its Conventions and Recommendations on social security

Module II: Employees Compensation

Notions of employee, compensation, dependent, wages, total and partial disablement – doctrine of notional extension – employer's liability to pay compensation – cases of personal injury and occupational disease – amount of compensation, duration and return – authority for determination of compensation

Module III: Employees State Insurance

Notions of employer, employee, dependant, employment injury, disablement its kinds– ESI Funds – contributions – benefits under the Act – ESI Corporation – its constitution, appointment and termination of members, their tenure – Standing Committee – Medical Benefits Council – establishment of hospitals by Corporation

Module IV: Gratuity

Meaning of employer, employee, continuous service and gratuity – payment and forfeiture of gratuity – determination of the amount of gratuity – exemption to pay gratuity – authorities under the Act

Module V: Other measures

Maternity Benefit – scope of the Act – meaning of employer, maternity benefit, miscarriage and wages – right to payment of maternity benefit – available benefits – restrictions on employer; Provident Fund – common provident fund – Pension –other kinds of benefits – old age – unemployment

References

1. S.C. Srivastava, Social Security Laws, Eastern Book Co., 2020
2. Victor George, Social Security and Society, 2018.
3. Harry Calverty, Social Security Law, 1974.
4. R.N. Choudhary, Commentary on the Employees Compensation Act, Orient Publishing Co., 2019.
5. KD. Srivastava, The Payment of Bonus Act, Eastern Book Company, 2003.
6. R.G. Chaturvedi, Law of Employees Provident Funds, Bharat Law House, West Thomson Reuters, 2017

4. Principles of Taxation Law

Semester 7	Course 4	(25-273-0704)

Course Objectives

The primary objective of the course is to explain the principles of taxation law. It discusses the constitutional scheme of taxation in India and legislations pertaining to direct and indirect taxes. The course intends to provide a comprehensive understanding on the structure of the taxation system and the role of different tax authorities and inculcate the principles governing assessment of tax and the remedies available under various taxation statutes.

Course Outcomes (COs)	Bloom's Taxonomy Level
After completion of the course, the student will be able to :	

CO1	Illustrate the general principles relating to taxation law and to identify and define the key taxation terms.	Understand
CO2	Explain the organizational structure of tax authorities and their respective roles and responsibilities	Understand
CO3	Identify different kinds of tax and the deductions and to apply relevant tax laws to compute tax liabilities for individuals and corporate entities	Apply
CO4	Analyse the main tax legislations, the assessment method, the powers and functions of statutory authorities.	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	2	2	2	1
CO2	2	2	2	1
CO3	3	3	3	3
CO4	3	3	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Basic Principles of Taxation**

Concept of tax- Canons of tax –Elements of taxation and principles of an optimal tax system - Taxation power and Constitutional scheme of taxation in India -Classification of taxes- Concept of fee, cess and surcharge- Concept of regulatory tax- Concept of compensatory tax.

Module II: Direct Tax

Direct Tax and Indirect taxes- Fundamental differences-Tax on income of individual-corporation tax- Capital gain tax- Agricultural income tax- Deductions and exemptions under Income Tax Act-Tax planning, tax avoidance and tax evasion- Deduction of tax at source-Double taxation avoidance agreement.

Module III: Indirect Tax

Kinds of Indirect taxes- Unification of indirect taxation system-Taxation and co-operative federalism, Avoidance of cascading effect in indirect taxes- Concepts of input tax, output tax, presumptive tax and reverse tax- Tax on sale and supply of Goods and Services -GST – Customs Duties- Tax on sales of specified goods like petroleum products and liquor- Tax on E-commerce.

Module IV: Other Kinds of Tax

Tax on motor vehicles- Tax on Land and Buildings- Taxes collected by the local authorities- Property tax, Entertainment tax- Professional tax.

Module V: Tax Assessment

Assessment and remedies under various taxation statutes-Appellate and revisional forums and its hierarchy- Settlement commission- Compounding of offences- Penalties and prosecutions for non- compliance.

References

1. Dr.Girish Ahuja, Systematic Approach to Income Tax, Wolters Kluwer, 2020.
2. Ullas Saha, Principles of Taxation Laws, 2023
3. Dr.Girish Ahuja and Dr.Ravi Gupta, Systematic Approach to Taxation, Bharats, 2015
4. Vinod Singhanian, Direct Taxes Law and Practice, Taxmann, 2021.
5. Vinod Singhanian, Deduction of Tax at Source, Taxmann, 2019.
6. Bomi F Daruwala, Bharat's Handbook to Direct Taxes, 2018.
7. R.K Jha and P.K. Singh, A Birds Eye view of GST, Asia Law House, 2017.
8. V.S Datey, GST Law and Practice with Customs and FTP, Taxmann, 2017.
9. India's Income Tax Laws, India Law Series, 2013.
10. Justice Dimampao, Tax principles and Remedies, Rex Books.
11. S. Gupta, GST- Law and Practice, Taxmanns Publications, New Delhi.
12. Double Taxation Avoidance Agreement, Snowwhite, 2014.
13. T.N. Manoharan and G.R. Hari, Handbook on Taxation, 2017.
14. Dr N K Gupta & Vineet Gupta, Goods and Service Tax (Law, practice and Procedures), Bharat Law House, 2018.

5. Property Law

Semester 7	Course 5	(25-273-0705)

Course Objectives

This course looks at the nature of property rights and the general principles governing the transfer of property under the Indian law. It delves into the study of the substantive law relating to specific transfers, such as sale, mortgage, lease, exchange, gift and actionable claims. It also explores how property rights are conferred, alienated and protected through law. The course further includes an exposure into the concept of easements and its applicability in the day-to-day life in the Indian context.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to :		
CO1	Explain the substantive rules and principles of transfer of property in India	Understand

CO2	Apply the principles of property law to factual scenarios and critically examines its operation from a range of theoretical and social perspectives.	Apply
CO3	Evaluate the various modes of transfer of property and critically analyse its application in various context	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	1	3	3	1
CO2	1	3	3	1
CO3	2	3	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Concept of Property and General Principles of Transfer**

Concept of Property – Different kinds of Property – Meaning of Movable and Immovable Property – Definition of Transfer of Property – Persons competent to transfer – Operation of transfer – Conditions restraining alienation – Transfer for benefit of unborn persons – Rule against perpetuity – Vested Interest and Contingent Interest

Module II: General Principles Governing Transfer of Immovable Property

Doctrine of Election – Transfer by ostensible owner – Transfer by limited owners – Fraudulent Transfer – Improvements made by person under defective title – Doctrine of *lis pendens* and part performance.

Module III: Specific Transfers I

Sale of immovable property – Definition of sale and contract to sell – Rights and liabilities of seller and buyer -Definition of gift – Modes of creation of gift – Condition for valid gifts –Suspension and Revocation of gift – Exchange

Module IV: Specific Transfers II

Mortgage – Different kinds of mortgages – Rights and liabilities of mortgagor and mortgagee – Charge and floating charge – Actionable claim – Lease – Modes of creation and determination of lease – Rights and liabilities of lessor and lessee

Module V: Easements

Indian Easement Act– Definition and essential features of easement – Kinds of easement – Easement of Necessity and Quasi easements – Imposition, Acquisition and Transfer of Easements – License.

References

1. Mulla, The Transfer of Property Act, Lexis Nexis, 2021
2. D J Vakil, Commentaries on Transfer of Property Act, Lexis Nexis, 2021
3. Avtar Singh, Textbook on the Transfer of Property Act , Lexis Nexis, 2019
4. G C V Subba Rao, Law of Transfer of Property (2 Vols.), ALT Publications 2019
5. Vepa P. Sarathi and Mallika Taly, Law of Transfer of Property, Eastern Book Co., 2017
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7. Akhileswar Pathak, Law of Sale, Lease and Mortgage, Lexis Nexis 2017
8. B BKatiyar, Law of Easements & Licenses, Universal Law Publishing, 2017
9. AP Singh and AK Srivastava, Property Laws, Lexis Nexis 2015.

6. Drafting, Pleading and Conveyancing

Semester 7	Course 7	(25-273-0706)

Course Objectives

The art of drafting a good pleading or conveyance can be acquired only through practice. A well drafted document is not simple for the defect of the practice but also assists the court in understanding the subject matter of the draft. This course provides a good start to the students for acquiring the skills of drafting pleadings and conveyance by familiarizing them with the fundamental rule. The students are acquainted with the nuances of drafting various pleading deeds and agreements.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to :		
CO1	Understand fundamental rules of pleading and conveyancing and drafting	Understand
CO2	Apply the provision of specific status while drafting any petition/application under the said statute	Apply
CO3	Draft civil pleading, criminal pleading, matrimonial pleading and constitutional pleadings	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	3
CO2	3	3	2	1
CO3	2	2	3	2

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Contents

Module I: Notice

Notice under section 106 of the Transfer of property Act, 1882-Notice under section 80 of the Civil Procedure code, 1908-Notice under section 138 of the Negotiable Instruments Act, 1881-Reply to the legal notice, Notice under Consumer Protection Act, Application for Right to Information.

Module II: Pleadings

Original Suit- Suit for Recovery under Order XXXVIII of the Code of Civil Procedure- Draft Affidavit- Interlocutory Application- Suit for Permanent Injunction-Application for Temporary Injunction under Order XXXIX Rule 1 and 2 of the Civil Code of Procedure, 1908-Suit for Ejectment and Damages for Wrongful Use and Occupation-Written Statement-Caveat under section 148 of Code of Civil Procedure-Transfer petition under Sec. 25 of CPC, 1908-Application for the Execution of Decree - Memorandum of Appeal and Revision.

Module III: Pleading under Criminal Law

Application for regular Bail-Application for Anticipatory bail-Complaint - Appeal- Revision Petition-Review Petition-Criminal Miscellaneous Petitions-.

Module IV: Pleadings before Higher Courts

Writ Petition under Art. 226 of the Constitution of India-Special leave petition (Civil) under Article 136 of the constitution of India-Special leave petition (Criminal) under Article 136 of the Constitution of India-Second Appeal- Revision Petition-Review Petition-Petition for quashing complaint.

Module V: Conveyancing

Will-General Power of Attorney & Special Power of Attorney-Agreement to sell-Sale Deed-Lease Deed-Mortgage Deed-Partnership Deed-Relinquishment Deed-Gift Deed- Promissory Note

Evaluation Pattern and Conduct of Classes

The course will be taught through class instructions and simulation exercises, preferably with assistance of practising lawyers/retired judges. Apart from teaching the relevant provisions of law, the course may include not less than 15 practical exercises in drafting carrying a total of 45 marks (3 marks for each) and 15 exercises in conveyancing carrying another 45 marks (3 marks for each exercise) remaining 10 marks will be given for viva voce. Apart from the exercises mentioned herein, the instructor of the course may include additional drafting/pleading/conveyancing exercises to satisfy the required number of exercises. Students shall maintain a record of the exercises and shall be evaluated by the concerned instructor. The evaluation will be 100% internal and the viva-voce shall be conducted by a panel of internal and external expert.

Reference

1. Dr Y S Sharma, The Law of Pleadings , Drafting and Conveyancing, 2023
2. R.N. Chaturvedi, Pleading, Drafting and Conveyancing, Central law Publications, fifth Ed., 2018
3. H.K. Saharay, N.S Bindra's Pleading and Practice, Universal law Public, 2016
4. G.C. Mogha and S.N.Dhingra, Mogha's Law of Pleading in India with Precedents, Eastern Law House, 18th Ed., 2016

5. M.C Agarwal& G.C. Mogha, Indian conveyancer, Eastern Law House, 14th Ed., 2016
 6. S.P.Agarwal, Pleadings :An Essential guide, LexisNexis, Haryana, 2016
 7. S.P.Agarwal, Drafting and Conveyancing, LexisNexis, Haryana, 2015
 8. Medha Kolhothra, Drafting, Pleading and Conveyancing, LexisNexis, Haryana, 2015
 9. C.R.Datta &M.N.Das, De Souza's Forms and Precedent of Conveyancing, Eastern law House, 2018
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VIIIth Semester B Com LLB (Hons.)

1	Professional Ethics and Professional Accounting System
2	Auditing Principles and Practice
3	General Elective 1
4	General Elective 2
5	Special Elective 1
6	Special Elective 2

1. Professional Ethics and Professional Accounting System

Semester 8	Course 1	(25-273-0801)

Course Objectives

Professional ethics forms the foundation in the lives of the lawyer. Every person has been given the right to engage a lawyer of their choice to represent their case. It means that lawyers have the constitutional obligation to take up the case of every person who approaches them for legal representation. The lawyer has to adopt ethical practices in all spheres of their profession from meeting clients, giving them legal counselling, presenting their cases before appropriate bodies managing clients' accounts etc. The course covers the wide spectrum of lawyer conduct and specifically aim to familiarize the students with the legal provisions, guidelines and judicial decisions on the subject of professional conduct for lawyer and contempt of court. The course objective is to acquaint the students with the Bar Council of India Code on professional misconduct, train them the skill of client interview and counselling and teach them the basics of professional account.

Course Outcomes (COs)		Boom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand ethical, moral and legal responsibilities of a lawyer	Understand
CO2	Address situations of professional dilemma and of judicial contempt	Evaluate
CO3	Apply the basic principles of professional accountancy	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4

CO1	3	1	3	3
CO2	2	2	3	3
CO3	2	2	3	1

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Advocacy

Meaning: Professional-Occupation-Employment, Seven Lamp of advocacy, History of Legal Profession in India- Advocate Act, Bar council of India and State Bar Councils, Composition and Functions: Senior Advocates-restriction for other employment, right to practice and Right to appearance, professional misconduct and disciplinary power of Bar council and appeals, Entry for foreign law firms in India

Module II: Professional Ethics

Meaning: Ethics and morals - Bar and Bench relations, Part VI of the Bar Council of India Rules, Rule as to govt. Advocates, Restriction on Senior Advocates, Duty related to courts, clients, opposite parties, colleagues, Duty to imparting training, render legal aid and order of Disciplinary committee of Bar council of India/Judgments of Supreme Court on Professional misconduct & Respect to Constitutional Values.

Module III: Contempt of Court

The Contempt of Courts Act - Historical Background, Constitutional Provision, Definitions: Civil and Criminal contempt, Mens Rea in Contempt cases, Defence and Exceptions, Contempt by Judges and Magistrates, Punishment for contempt, Purging of contempt, Procedure for initiating action for contempt, Appeal provision

Module IV: Accountancy of Lawyers

Importance of proper account by advocate, Fees and expenses, Accountancy in Lawyers office/firm: basic financial Statements - Income & loss Account, Cyber Security- Challenges, Balance sheet – Interpretation- Bar Council of India Rules, Duties to the client, Advocate on Record Rule.

Module V: Client Interviewing and Counselling

Meaning, Importance, Listening, Communication Techniques, types of quotation, Advising Counselling

Evaluation Pattern

Evaluation shall include assessment through case-study, viva and periodical problem solution besides the written tests. The distribution of marks for the internal evaluation out of 100 marks includes a) test paper – 20 marks, b) case study- 15 marks, c) attendance- 05 marks, d) record preparation 45 marks and e) viva-voce 15 marks. Students shall maintain a record of the exercises and shall be evaluated by the concerned instructor. The viva-voce shall be conducted by a panel of internal and external expert.

References

1. Ramachandran, Professional Ethics for Lawyers: Changing Profession Changing Ethics, Lexis Nexis, 2014

2. Gosh, Legal Ethics and the Profession of Law, LexisNexis, 2014
3. G.C. Subbarao, Commentary on Contempt of Court Act, 1971, ALT Publication, 2013
4. Ranadhir Kumar, Contempt of Courts: Law and Practice, Wadhwa Book Company, 2012
5. The Advocate Act, 1971
6. The Contempt of Courts Act, 1971
7. Law Commission of India, 266th Report on Advocate Act, 1961 (Regulation of Legal Profession), 2017
8. Law Commission of India, 274th Report on the Review of the Contempt of Courts Act, 1971 (Limits to Sec. 2 of the Act, 1971), 2018

2. Auditing Principles and Practice

Semester 8	Course 2	(25-273-0802)

Course Objectives

The objectives of this course are to familiarize the students with the principles and procedure of auditing and enable the students to understand the duties and responsibilities of auditors and to undertake the work of auditing.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to :		
CO1	Understand the principles of auditing and become a successful auditor.	Understand
CO2	Analyse the financial report and audit process	Analyse
CO3	Apply auditing principles in professional life	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	3
CO2	3	3	2	2
CO3	3	2	2	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Content

Module I: Introduction of Auditing

Introduction - Meaning and objectives of auditing, Types of audit- Audit programme - Audit Note Book, Working papers - Evidences- Considerations before commencing an audit work- Routine checking and test checking- Qualifications of an auditor- Liabilities of an auditor in case of negligence- Misfeasance- Criminal liability- Liability towards third parties.

Module II: Internal Control

Internal control- Internal check and internal audit - Audit Procedure. Vouching-requirements of a voucher ,Vouching of cash sales, receipts from debtors, cash purchases, payment to creditors, payment of wages, purchase of land and buildings , Duties of an auditor- Verification and valuation of assets and liabilities , Methods - Duties of an auditor.

Module III: Audit of limited companies

Audit of limited companies, Company auditor, Qualifications, disqualifications- Appointment - Rights, duties and liabilities, Removal. Share capital and share transfer audit - Audit Report, Contents and types.

Module IV: Investigation

Investigation- Distinction between audit and investigation, Types of investigative audit where fraud is suspected- On acquisition of a running business.

Module V: Recent trends in Auditing

Recent trends in Auditing- Nature and significance of Cost audit-Objectives- Tax audit-Objectives -Management audit-Objectives- Social audit- Objectives-Government audit-Objectives-Performance audit-Objectives-Auditing in EDP (Electronic Data Processing) environment-Audit Assurance Standards-Meaning and scope.

References

1. Tandon, B.N., Sudharsanam, S., & Sundharabahu, S., A Handbook of Practical Auditing, S.Chand & Compaly Ltd, New Delhi, 2013
2. Arun Jha, Auditing – University Edition, Taxman Publications, 2014
3. Saxena, R. G., Principles and Practice of Auditing, Himalaya Publishing House, Mumbai,2016
4. Sharma, T. R., Auditing Sahitya Bhawan Publication Agra, 2019
5. Saxena, R. G., Principles and Practice of Auditing, Himalaya Publishing House, New Delhi, 2016

General Electives for VIIIth Semester B.Com LLB (Any two)

1	Air and Space Law
2	Criminology, Penology and Victimology
3	Disaster Management Law
4	Human Rights Law
5	Interpretation of Statutes
6	Law on Building and Engineering Contracts
7	Law Relating to Agriculture
8	Law Relating to Child
9	Women & Criminal Law

Air and Space Law

Semester 8	General Elective	(25-273-0803)

Course Objectives

This course is intended to provide an idea about the need for protection of outer-space as well as law relating to regulation of various activities in outer-space. This course also provides an insight about international laws regulating air traffic management, civil aviation and laws to prevent and control to environmental pollution by space objects and aircrafts.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to :		
CO1	Understand fundamental principles for the regulation of activities in space.	Understand
CO2	Examine the basics of air traffic management and civil aviation	Analyse
CO3	Devise solutions for various disputes arises between nations in relation to activities in space.	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	2	3
CO2	3	2	2	3
CO3	3	1	2	3

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Contents**Module I: Introduction to Air Law**

Definition of Air law - Nature, scope and source - Development of air laws (Paris Convention 1910, Paris Convention 1919, Madrid Convention 1926, Havana Convention 1928, Warsaw Convention and Chicago Convention 1944) - Freedom of the air and sovereignty in the air

Module II: Air Traffic Management

Legal regime - State obligation to provide air navigation services - ICAO - Membership and organs of ICAO -Legislative, administrative and judicial functions - Economic and technical regulations

Module III: Safety and Security in Civil Aviation

Liability in international civil aviation - Manufacturers, operators, operators' agents and maintenance contractors - Third party liability for surface damage - Rights and Privileges of air passengers – Rules relating to Air Cargo - Aviation related Environmental Problems - Aviation Insurance - Aviation terrorism - International norms: conventions, protocols and regulations - Regulations in India - Air safety provisions - Settlement of Aviation Related Disputes

Module IV: Space Law and International Treaties

Definition, nature, scope and development – Sources - International and Intergovernmental Organizations - Non-governmental Organizations and Space Activities - UN and Outer Space The Law of Outer Space - principle of res communis– UN General Assembly resolution 1962 (XVII) adopted in 1963 – The treaty on Principles Governing the Activities of States in the Exploration and Use of Outer Space, including the Moon and Other Celestial Bodies1967- Convention on International Liability for Damage Caused by Space Objects, 1972 - Convention on the Registration of Objects Launched into Outer Space 1974 -Principles Relevant to the Use of Nuclear Power Sources in Outer Space1993-The Agreement on the Return of Objects Launched into Outer Space 1968 - Agreement Governing the Activities of States and other Celestial Bodies 1979 - Declaration of Guiding Principles on the Use of Satellite Broadcasting (UNESCO) 1972 - Principles Governing the Use by States of Artificial Earth Satellites for International Direct Television Broadcasting 1983 - Principles on Remote Sensing 1986 -Geostationary orbit - Bogota Declaration 1976.

Module V: Use of Space technology

Peaceful and non-peaceful - Remote sensing - Environmental protection - Commercialization of Space Activities – Settlement of Space Disputes

References

1. Lyall and Larsen, Space Law: A Treatise, Routledge, 2020
2. Frans G. von der Dunk, Harvey and Susan Perlman Alumni, Handbook of Space Law, Edward Elgar, 2015.
3. Sandeepa Bhat, Space Law : The Emerging Trends, Eastern Law House, 2018
4. Ludwig Weber, International Civil Aviation Organization, Wolters Kluwer, 2017
5. Rao, Venkata, Gopalakrishnan, V., Abhijeet, Kumar (Eds.), Recent Developments in Space Law: Opportunities & Challenges, Springer, 2017.
6. Hofmann Mahulena and Tanja Masson-Zwaan, Introduction to Space Law, Wolters Kluwer, 2019
7. Brian F. Havel and Gabriel S. Sanchez, The Principles and Practice of International Aviation Law, 2014
8. Ram S. Jakhu, Paul Stephen Dempsey, Handbook of Space Law, Routledge 2016
9. Azbeyratne, RIR, Legal and Regulatory Issues in International Aviation, Transnational Publishers, NY, 1997
10. Kenneth Button, Airline Deregulation: International Experiences, New York University Press, 1996
11. F.G. Von Der Dunk, the International Space Station: Commercial Utilization from an European Legal Perspective, Martinus Nijhoff Publishers, 2006
12. Gbenga Oduntan, Sovereignty and Jurisdiction in the Air Space and Outer Space, Routledge, 2016.

Criminology, Penology, Victimology

Semester 8	General Elective	(25-273-0804)

Course Objectives

This course aims at the interrelating the concepts of crime and punishment-understanding the concept of criminology and the various theories of criminology and its relevance in criminal law, explaining the concept of punishment, the theories of punishment and the philosophy underlying each theory. It also aims at acquiring knowledge regarding the classification of offences in the context of sentencing. The course throws light on understanding the concept of rehabilitation in the context of the various correction and rehabilitative techniques employed by the criminal justice system and the efficacy of such techniques in achieving its purpose. It also enables to identify the role of victim in criminal justice system and rights of victims in the criminal justice system.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to :		
CO1	Understand factors as put forth by the various schools of criminology that influence crime and to relate the crime to different factual situations	Understand

CO2	Analyse the sentencing policy and to evaluate the propriety of punishments imposed on the offenders	Analyse
CO3	Evaluate the efficacy of the rehabilitative and correctional techniques and to assess protection of rights of the victims.	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	2	3
CO2	3	2	2	3
CO3	3	1	2	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Schools of Criminology and factors of Crime Causation**

Criminology - nature, scope and its relevance in Criminal justice administration. Schools of criminology - classical, neo classical - positive school - sociological - cartographic - psychological – psycho analytical school - Radical school of criminology- Causation of crime- hereditary – factors of crime causation-- chromosomal factors - mental deficiency – environmental factors-economic and social factors-poverty - family - school - religion – media

Module II: Sentencing and Criminal Justice Administration

Judicial Discretion in Sentencing- Correctional and Rehabilitative techniques- institutional correction of the offenders- Indeterminate sentencing and sentencing till end of natural life-Probation institutions of correction- Clemency Powers- Pardoning Powers under Constitution and Code of Criminal Procedure -Suspension, Commutation, Reprieve, Respite and Remission-Probation- After care services for adult and juveniles-duty of the state to rehabilitate-corrective labour-duty of state to maintain dependents of convicts.

Module III: Theories of Punishment- Kinds of punishment

Concept of punishment –justification for punishment - Theories of punishment –kinds of punishment-corporeal and incorporeal punishment- punishments under Indian Penal Code- punishments in socio-economic offences- punitive treatment for habitual offenders- mandatory death penalty- Constitutional validity of capital punishment- mode of execution and its validity

Module IV: Prison System and its Administration-Rights of Prisoners

Evolution of Prison System in India - Evolution of Prison System in U.K and U.S- Prison Laws in India-Prison Administration- Role of Judiciary in prison administration- Prisoners' Rights- Judicial Reforms-Solitary and separate confinement- classification of prisoners-emerging forms of punishment-community service, public shaming etc- Parole, furlough and other kinds of prison release- open prisons- prison labour- prison offences.

Module V: Classification of Victims and Protection of Victim Rights

Victimology - conceptual meaning and scope—Primary, Secondary and Tertiary victims—need for protecting victims of crimes—International laws on Victim Justice—impact of Victimisation — circumstantial victims—women and children as victims—special protection to women and child victims—victims of domestic crimes—victims of crime as witnesses—statutory provisions- Compensation to victims- Restitution—concept of Restorative justice—need for protection through legislation

References

1. Ahmed Siddique, Criminology-Problems and Perspectives, 2009.
2. Paranjape, Criminology, Penology and Victimology, 2019
3. P.,Madhava Somasundram et.al., Crime Victims and Justice,2008
4. Vernon Fox, Introduction to Criminology, 1985
5. Tappen, Crimes, Justice and Correction,1960
6. Sethna, Society and the Criminal, 1989
7. Sheldon Gluek, Unraveling Juvenile Delinquency,1966
8. Bhattacharya,Prisons.,1958
9. Khatri B.D.,Law of Probation in India, 1988
10. Singh Makkar S.P.,Globe Perspectives in Victimology, 1995
11. N.K.Chakraborti., Institutional Corrections in the Administration of Criminal Justice, 2002
12. G.S.Bajpai & Shriya Gauba.,Victim Justice, 2016

Disaster Management Law

Semester 8	General Elective	(25-273-0805)

Course Objectives

This course is intended to provide an idea about the danger of disasters and the need to manage those issues. It will give an overview about environmental issues and health issues arising from disasters. Further, it also provides an insight about various methods to deal with disasters and its effects and the legal mechanisms available to deal with issues related to disasters.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to :		
CO1	Understand the impact of man-made and natural disasters on human life, property and environment	Understand
CO2	Evaluate role of law in disaster management	Evaluate
CO3	Equip the students to take lead role to coordinate with authorities in dealing with disasters	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4

CO1	3	2	2	3
CO2	3	2	2	3
CO3	3	1	2	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Introduction

Disaster - definition - need to widen it - reference to international documents - natural and man-made causes.

Module II: Effects of Disasters

Consequences of disaster-problems-environmental issues–destruction and disruptions in state facilities - scarcity of water, food, houses etc.

Module III: Health Issues

Health issues-eruption of diseases-lack of communicative facilities – disruption of state machinery.

Module IV: Legal Framework and Disasters

Laws response to disasters - machinery for action – authorities constituted - powers and functions of authorities - role of police

Module V :Authorities in India

Co-ordination of central authorities and state authorities – NGO activities and funding mechanisms of government – communication between service providers and service receivers.

References

1. Amita Singh, Disaster Law: Emerging Thresholds, Routledge, 2018
2. S.L. Goel, Disaster Administration: Theory and Practice, Deep & Deep Publications, 2009
3. Kristian Cedervall Laut, Disaster Law, Routledge, 2015
4. Jack Pinkowski, Disaster Management Handbook, CRC Press, 2008.
5. Andrew E. Collins, et al., Hazards, Risks, and Disasters in Society, Elsevier, 2015
6. Vinod Shankar Mishra, Environment Disasters and the Law, Ashish Publishing House, 1994.

Human Rights Law

Semester 8	General Elective	(25-273-0806)

Course Objectives

The course provides an introduction to human rights philosophy, principles, instruments and institutions. The course introduces the main United Nations Conventions and legislations in India for protection of human rights. It also gives an overview of contemporary challenges, current issues and debates in human rights.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to :		
CO1	Gain substantive knowledge of the international law and policy of human rights.	Understand
CO2	Develop analytical skills to appraise human rights instruments, policies and practices.	Analyse
CO3	Examine the contemporary challenges and trends in human rights theory and practice.	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	2
CO2	3	3	3	3
CO3	2	3	2	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Introduction**

The concept of Human Right - Theoretical Foundation of Human Rights - Natural Law and Natural Rights- Origin and development- Ancient - Medieval – 17th-20thCentury – Modern Developments- Generations of Human Rights - Civil and Political Rights -Economic, Social and Cultural Rights- third and fourth generation rights

Module II: International Human Rights Documents

UDHR-ICCPR-ICESCR-Optional Protocols - Implementation, enforcement, remedies under international human rights law- International Adjudication- Effectiveness of UN Human Rights System.

Module III : Human Rights in India

Constitutional Values- Implementation of Human Rights in India – Limitations on and derogations from rights–Protection of Human Right Act-Powers of NHRC-Role of judiciary in enforcing Human Rights – Role of NGO's and Human Rights activism in India.

Module IV: Human Rights of Vulnerable Groups

International Human Rights Law on Women's Rights- Refugee Rights-Child Rights- Rights of Differently Abled- Minority and Indigenous People Rights -Sexual Minorities- Legal Framework in India.

Module V: Contemporary Challenges

Contemporary Challenges to Human Rights - Science and Technology-Digital freedom- Terrorism-Business and Human Rights.

References

1. Ilias Bantekas and LotzOette, International Human Rights Law and Practice, Cambridge, 2013.
2. Kerry O'Halloran, Sexual Orientation, Gender Identity and International HumanRights Law, Routledge, 2019
3. Perry and Roda, Human Rights and Digital Economy, Palgrave Macmillan, 2017.
4. Gayatri H. Patel, Women and International Human Rights Law, Routledge, 2019.
5. Jack Donnelly, Universal Human Rights in Theory and Practice, Cornell University Press,2013.
6. Philip Alston and Ryan Goodman, International Human Rights, Oxford,2012.
7. Christian Tomuschat, Human Rights: Between Idealism and Realism, Oxford,2003.
8. Alston,Phillip, The United Nations and HumanRights, ClarendonPress,London,1995.
9. Sutton, The Protection of Vulnerable Groups under International Human Rights Law, Routledge,2017
10. Andrew Clapham, Human Rights Obligations of Non-State Actors, Oxford, 2006.
11. Justice PalokBasu, Law Relating to Protection of Human Rights, Modern Law Publications, 2002.
12. Sircar, V.K., Protection of Human Right in India, Asia Law House2004.
13. Dr K P Saksena, Human Rights and the Constitution, Gyan Publishing House,2003.

Interpretation of Statutes

Semester 8	General Elective	(25-273-0807)

Course Objectives

This course provides an idea about how a legislation can be interpreted in cases of ambiguity. It also enlightens the students about various rules and principles applicable while interpreting a legal provision. Further this course gives an idea about the importance of various tools for interpretation; the special rules applicable to interpretation of Constitution; and the special rules relating to legislative interpretations.

Course Outcomes (COs)	Bloom's Taxonomy Level
After completion of the course, the student will be able to:	

CO1	Understand the principles of interpretation of statutes	Understand
CO2	Apply principles of interpretation of statutes in legal practice	Apply
CO3	Apply principles of interpretation of statutes in administration and dispensation of justice	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	2	2
CO2	3	2	3	3
CO3	2	3	2	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Basics of Interpretation**

Meaning of Interpretation - Need for Interpretation – Act – Enactment - Statutes – Ordinances- Rules, etc.

Module II: Internal Aids to Interpretation

Title–Preamble–Heading–Marginal Note–Section–Sub-section–Punctuation–Illustrations– Exception – Proviso – Explanation - Saving Clause – Schedule

Module III: External Aids to Interpretation

Constituent Assembly Debates for Constitutional Interpretation - Constitution of India - Legislative History: Legislative Intention - Statement of Objects and Reasons - Legislative Debates - Committee Reports, Law Commission Reports

Module IV: Rules of Interpretation

Literal Rule - Golden Rule - Mischief Rule - Legal Fiction - Ejusdem generis - Noscitur a sociis–Reddendo singulari singularis– Generalia specialibus non derogant.

Module V: Legislative Interpretations

Presumptions and Assumptions - Jurisdiction - repealing - Constitutionality of statutes - retrospective operation - Equitable construction - strict construction of penal laws - mandatory and directory provisions - Construction of words - maxims.

References

1. N S Bindra's Interpretation of Statutes, Law Book Co, 2022
2. G P Singh, Principles of Statutory Interpretation, Lexis Nexis, 2021
3. Kafaltiya A.B, Interpretation of Statutes, Universal Law Publishing Co., 2008
4. D. Neil Mac Cormick, Robert S. Summers, Interpreting Statutes: A Comparative

Study, Rotledge, 2016.

5. Cameron Hutchison, Fundamentals of Statutory Interpretation, Lexis Nexis Canada, 2018.
6. Maxwell on the Interpretation of Statutes, N.M. Tripathi Pvt. Ltd., Bombay, 1993
7. F.A.R. Benion, Statutory Interpretation: A Code, Butterworths, 2002

Law on Building and Engineering Contracts

Semester 8	General Elective	(25-273-0808)

Course Objectives

With the growth in population and industrial activity, construction activities are on an all-time rise. This calls not merely for qualified technical persons in abundance but also on lawyers with knowledge on how the sector works along with drafting agreements to suit the needs of the industry. The objective of this course is to introduce students to the nuances of building contracts to familiarise them to the notions specific to this sector, the drafting and enforcement of such contracts.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the basic clauses in Engineering and Building Contracts	Understand
CO2	Examine role of stakeholders in Engineering and Building projects	Analyse
CO3	Apply contract law principles to provide remedies for breach of Engineering and Building Contracts	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	1	3	2	2
CO2	3	2	3	1
CO3	2	1	2	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Nature of Building and Engineering Contracts

General principles of contract law – proposal- acceptance – withdrawal – words and phrases

used – Build Operate Transfer contract – Builder – Building scheme – Defect Liability period–Estimate–prime cost sum;Tenders–requisites–negotiations–criteria for fixation of price.

Module II: Actors Involved

Architect – Engineer – Quality surveyor – project manager; definitions – qualifications – duties – powers – limitation of powers – liability towards – employer – contractor and third parties; Subcontracts – relation between contractor, subcontractor and owner- building and other construction workers

Module III: Performance

Specific performance – obligation of employer and contractor – contracts where time is of essence – extension of time – extra – variations – alteration – additions – omissions – approval and certification– price and payment.

Module IV: Defects and Breach

Defect Liability Period–maintenance and defect clause–frustration of contract–novation of contract – waiver and estoppels; breach – anticipatory – theory of damages – standard of proof – calculation of damages – forfeiture – determination – vesting of materials.

Module V: Interpretation

Literal construction – harmonious construction – implied terms – non obstante clause – damages – arbitration clause – power to omit works – proper use of stipulated material – clauses prohibiting award of damages.

References

1. P.C. Markanda, Building and Engineering Contracts: Law & Practice, Lexis Nexis, 2017.
2. G.T.Gajaria, Law Relating to Building and Engineering Contracts in India, Lexis Nexis India, 2000.
3. Donald Keatings, Keating on Construction Contracts, Sweet & Maxwell, 2015.
4. M.A. Sujana, Law Relating to Building Contracts, Universal Law Publishing Co Ltd, 2004
5. W.T. Creswell, Law Relating to Building and Engineering Contracts, Pitman Publishing, 1957
6. Rangawala, Building Construction, Charotar Publishing House Pvt. Ltd., 2016

Law Relating to Agriculture

Semester 8	General Elective	(25-273-0809)

Course Objectives

This course touches upon nearly every aspect of the law that regulates one of the most important and diverse sector of our economy, Agriculture. It aims to familiarise the students with the history of agricultural law in India, the constitutional scheme and offers various

characterization of agricultural legislations and policies impacting the industry and farmers rights. Further the course looks at India's commitments in terms of international legal frameworks pertaining to food and agriculture.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to :		
CO1	Understand policies for promotion of agriculture	Understand
CO2	Appreciate legal framework for protection of farmers rights	Evaluate
CO3	Examine international legal standards on agriculture	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	2	3	2	2
CO2	2	1	3	2
CO3	1	2	2	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Introduction to Agriculture Law and Policy

Historical context – Agricultural economy at the time of independence and post-independence – Constitutional Scheme – Five year plans and rural development – New Agricultural Policy – Concept of Sustainable Agriculture

Module II: Regulation of Seed Industry and Plant Variety Rights

Domestic laws applicable to crop seed industry – Supervisory authorities and agencies – Review of Seeds Act 1966 and the Seeds Rules 1968–Seeds (Control) Order 1983–Plant Quarantine (Regulation of Import in to India) Order 2003 – Farmers rights and Breeders rights – Protection of Plant Varieties and Farmers' Rights Act 2001 (PVR Act)

Module III: Agricultural Product Marketing, Safety and Liability

Regulated market system–Agricultural Produce Market Committee (APMC) Act, 2017–Trade policy and export strategy – Food safety standard setting – Food Safety and Standards Act 2006 and FSSAI – Product Liability

Module IV: Agricultural Financing in India

Rural credits and co-operatives in India – The role of NABARD – Informal credit system – Self help groups – Restructuring of rural financial institutions – Peasants and Dairy co-

operatives.

Module V: International Legal Standards on Agriculture

Overview of WTO and Agriculture – UNIDROT and Agriculture – Contract Farming – Agricultural land investment contracts – International Plant Protection Convention (IPPC)

References

1. Christopher P Rodgers, Agricultural Law, Bloomsbury, 2016
2. Alabrese, M., et al, (eds.) Agricultural Law: Current Issues from a Global Perspective, Springer, 2017
3. Shweta Mohan, Legal regulation of agricultural procurement and processing in India, Satyam Law International, 2013
4. Sukhbir Bhatnagar, Agricultural Law, Mittal publications, 2007
5. M.A Chaudhary and Gautam Chaudhary, WTO and Indian Agriculture, Global Vision Publishing House 2019

Law Relating to Child

Semester 8	General Elective	(25-273-0810)

Course Objectives

This course aims to provide an insight in to the significance of giving special treatment to the children and to have special legislations to deal with children. This course is also aims to impart knowledge regarding the various UN conventions relating to Children and to analyse the Indian Legislations in comparison with the provisions of the UN convention. The course also gives an insight on the various facets of rights relating to children in the domestic laws and impart knowledge about the special legislations enacted to protect children from sexual offences.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to :		
CO1	Understand legal provisions for protection of child rights	Understand
CO2	Evaluate the efficacy of the various provisions the existing gaps in special legislations	Evaluate
CO3	Analyse whether the Indian Legislations are in consonance with the international standards	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	1	3	2	3
CO2	2	2	3	2

C03	2	3	2	3
1-Low Correlation	2-Medium Correlation	3-High Correlation		

Course Content**Module I: Evolution of Rights of Child and International laws**

Historical development of special treatment for children – concept of childhood –Constitutional Perspective-norms in national law - norms in international law – comparative analysis-Convention on the rights of the child.

Module II:Protection of Child Rights under Civil laws

Rights and immunities of children under municipal law-contract-tort-crime–Personal Laws and child- inheritance - maintenance -adoption and guardianship.

Module III: Child Welfare Legislations

Child labour- prohibition-welfare legislations- Education- Child Marriage Prohibition

Module IV: Juvenile Delinquents and Children in need of Care and Protection

Juvenile Justice Act- Treatment of child in conflict of law- Special mechanisms envisaged under the Juvenile Justice Act - philosophy reflected under-Treatment of child in need of care and protection - provisions relating to adoption – domestic and inter country adoption.

Module V: Special Legislation relating to Sexual Offences and Exploitation

Sexual offences against Children- POCSO- Trafficking of children–Child pornography.

References

1. Mamta Rao, Law Relating to Women and Children, 2018
2. Paras Divan, Children and Legal Protection, 1994
3. Sunil Deshta, Law and Menace of Child Labour, 2004
4. Dalip Chand Manooja, Adoption Law and Practice, 1993
5. R.N. Choudhary, Law Relating to Juvenile Justice in India, 2005.

Women and Criminal Law

Semester 8	General Elective	(25-273-0811)

Course Objectives

The Course throws light on the different areas in which women, as a gender face violence and discrimination. It brings into light the special protection given to women by law with special emphasis on Criminal Law. It deals with different forms of crimes perpetrated against women and the response of criminal law to it. The course intends to throw light not

only on the women as a victim but as well as an accused / detenue, hence adopts a multifaceted approach.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Examine the different forms of gender-based violence against women and the sufficiency of the response of criminal law	Analyse
CO2	Understand legal provisions for protection of women's rights	Understand
CO3	Engage in legal practice for protection of women's rights	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	3	2
CO2	3	2	3	2
CO3	3	2	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I : Protection of Women against Crime: National and International

Perspectives

Special Protection for women- Constitutional Perspective- International Dimensions- Obligations to make Special Provisions-SDG – Gender Equality-Feminist Movements- Contributions of NGOs at National and International Level.

Module II- Specific offences against Women and Girl Child

Prevention of Female Foeticide –Checks on Pre-Natal Diagnostic Techniques –International and National Perspectives-Women Rights in Relation to Offences of Miscarriage-Cruelty against Women-IPC Provisions

Module III : Response of Law to crimes against Women

Crimes Against Women-Special Provisions-Offences of Rape-Adultery-Prostitution-Trafficking- Assault- Kidnapping – Abduction- Dowry Death – Sati- Indecent Representation of Women- Obscenity- Cyber Crimes

Module IV: Women in Criminal Trials

Special Provisions in Trial of Offences involving Women-Women as Accused – female criminality - Arrest and Detention- in Camera Proceedings-Role of Court- Shifting of Burden of Proof.

Module V: Women as Victim in Crimes

Compensation for Women Victims of Crime- Special Provisions in relation to Domestic Violence – Right to Maintenance-Special Protection of Women in Prison

References

1. Mamta Rao, Law Relating to Women and Children, Eastern Book Company, 2008
2. Paras Divan, Women and Legal Protection, South Asia Books, 1994
3. N. Jayapalan, Women and Human Rights, Atlantic, 2001
4. G.B. Reddy, Women and the Law, Gogia Law Agency, 2014
5. Paras Diwan & Piyush Diwan, Law Relating to Dowry, Death, Bride Burning, Rape and Related Offences. Universal Law Publishing Ltd, 2004

VIIIth Semester B. Com LLB-Special Electives (Any two)

1	Securities Law
2	Information Technology Law
3	Banking Law
4	Law of Carriages
5	Foreign Trade Law
6	Law on Corporate Finance

Securities Law

Semester 8	Special Elective	(25-273-0812)

Course Objectives

The primary objective of the course is to identify different kinds of ‘securities’ and examine the features of different kinds of securities. It enumerates the functioning of securities market. It analyses the role of regulators in securities market and securities market intermediaries. It helps the students in understanding the role and functioning of stock exchanges. It introduces various kinds of alternate investment funds available in the market.

Course Outcomes (COs)		Bloom’s Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand about securities market and its importance	Understand
CO2	Analyse the law governing securities market	Analyse

CO3	Determine legal compliances to be satisfied for issue of securities	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	2	2	3	2
CO2	3	3	3	2
CO3	3	2	3	1

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Introduction to Securities Law**

Meaning of ‘securities’ - Kinds of securities - Shares and debentures - Hybrid securities - Government securities-Depository Receipts- Need for securities market regulation- Securities Market and Economic growth-Securities market reforms- International organization of securities commissions (IOSCO)

Module II: Securities Market

Securities markets regulation- Jurisdiction, powers and functions of SEBI- Control over stock exchanges- Primary market-secondary market-Governance of stock exchanges- Corporatization and demutualization of Stock exchanges- Depositories– dematerialisation- Stock Exchanges in International Financial Service Centres.

Module III: Role of Market Intermediaries

Securities market intermediaries- Regulatory controls- Stock exchanges- merchant bankers- credit rating agencies – Underwriters -share transfer agents-Clearing corporations, Credit Rating agencies-Self-regulatory organizations (SRO).

Module IV: Trading in Securities

Sale and Purchase of securities-Investor Protection- Role of SEBI- Redressal of grievances- Prohibition of fraudulent trade practices–Market manipulation-Insider Trading.

Module V: Alternate Investment Funds

Mutual funds, venture capital funds, angel funds, collective investment schemes-Hedge Funds-Real Estate Investment funds-Private Equity.

References

1. Taxmanns, Securities Laws & Capital Markets, 2019.
2. Timothy Spangler, Law of Private Investment Funds, Oxford, 2018.
3. Raghvendra K. Singh and Shailendera K. Singh, Law and Regulation of

- Public Offering of Corporate Securities, Oxford, 2016.
4. Kondaiah Jonnalagadda, Securities Law, Lexis Nexis, 2015.
 5. Sumit Agrawal & Robin Baby, SEBI Act- A Legal Commentary, Taxmann, 2011.
 6. Niamh Moloney, Oxford Handbook of Financial Regulation, OUP, 2014
 7. Nicholas L. Georgakopoulos, The Logic of Securities Law, Cambridge, 2017.
 8. Cumming & Johan, Venture Capital and Private Equity Contracting, Elsevier, 2013
 9. Henry Conac & Gelter, Global Securities Litigation and Enforcement, Cambridge, 2019.
 10. Jonathan Fisher, Law on Investor Protection, Sweet and Maxwell, 2003
 11. Ajay Goel, Capital Markets and Securities Laws, Bharat Law House, 2015.
 12. Neha Bhuwania, Guide to Private Equity, Taxmann, 2014.

Information Technology Law

Semester 8	Special Elective	(25-273-0813)

Course Objectives

The objective of this course is to provide an idea about the cyber laws in India as well as other countries. It enlightens the students about the law relating to e –commerce and various nuances involved in it. The course also provides an idea about various types of cybercrimes and the law relating to it; digital signatures and electronic signatures as well as enforcement issues in cyber space.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Get insights about cyberspace and rights of individuals in cyberspace	Understand
CO2	Analyse legal framework governing cyberspace	Analyse
CO3	Identify legal issues involved in cyberspace and suggest legal remedies	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	3	32
CO2	3	2	3	2
CO3	3	2	3	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Information Technology and Law

Computers and its Impact in Society - Overview of Computer and Web Technology - Need for Cyber Law - Cyber Jurisprudence at International and Indian Level -International Perspectives - UN and International Telecommunication Union (ITU) Initiatives - Council of Europe - Budapest Convention on Cybercrime - Asia-Pacific Economic Cooperation (APEC)- Organization for Economic Co-operation and Development (OECD)- World Bank - Commonwealth of Nations

Module II: Constitutional and Human Rights Issues in Cyberspace

Freedom of Speech and Expression in Cyberspace - Right to Access Cyberspace – Access to Internet - Right to Privacy - Right to Data Protection- Blockchain, Cyber security, Artificial Intelligence

Module III: Cyber Crimes and Legal Framework

Cyber Crimes against Individuals, Institution and State - Hacking - Digital Forgery - Cyber Stalking/Harassment - Cyber Pornography - Identity Theft and Fraud - Cyber terrorism - Cyber Defamation -Different offences under IT Act - Relevancy of Admissibility of Computer Evidence - Cyber Forensics.

Module IV: Cyber Torts and IPR issues

Cyber Defamation - Different Types of Civil Wrongs under the IT Act- Interface with Copyright Law - Interface with Patent Law - Trademarks and Domain Names Related issues

Module V: E Commerce and Dispute Resolution

Concept - E-commerce-Salient Features - Online approaches like B2B, B2C and C2C - Online contracts - Click Wrap Contracts – I T Act- Applicability of Indian Contract Act- Concept of Jurisdiction - Indian Context of Jurisdiction and IT Act- International Law and Jurisdictional Issues in Cyberspace- Dispute Resolutions

References

1. Chris Reed & John Angel, Computer Law, OUP, New York, 1990
2. Justice Yatindra Singh, Cyber Laws, Universal Law Publishing Co, New Delhi, 2016
3. Hannibal Travis, Cyberspace Law: Censorship and Regulation of the Internet, Routledge, 2013
4. Talat Fathima, Cyber Law in India, Wolters Kluwer, 2017
5. Harish Chander, Cyber Laws and It Protection, PHI Learning Publications, 2012
6. Vakul Sharma, Cyber Law and Practice, Universal Publishing Co., 2011
7. Pavan Duggal, Cyber Law 3.0, Lexix Nexis, 2018
8. Apar Gupta, Commentary of IT Act, Lexis Nexis, 2011

Banking Law

Semester 8	Special Elective	(25-273-0814)

Course Objectives

This course aims to foster a comprehensive understanding of banking law, emphasizing its practical application in regulatory compliance and operational contexts. Students will refine analytical and critical thinking abilities through the evaluation of intricate issues concerning banking regulations, customer relationships, and technological advancements. Additionally, the course aims to cultivate research proficiency essential for investigating and comprehending banking laws, regulatory frameworks, and relevant judicial precedents impacting the Indian banking sector.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to :		
CO1	Understand the functioning of banks	Understand
CO2	Analyze the regulatory framework governing banking operations and	Analyse
CO3	Explain control mechanisms imposed by the Reserve Bank of India.	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	2	2
CO2	3	3	2	2
CO3	3	3	2	2

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Contents**Module I: Introduction to Banking**

Definition of 'Banker' – Common law and statutory law – Functions of banks –Types of Banks- Commercial Banks, Public sector Banks, Private Banks, Regional Rural Banks, Co-operative Banks-Multifunctional banks - Core banking, Merchant banking -Investment banking – International banking.

Module II: Central Bank

Functions of Central Banks – Reserve Bank as Central Bank – Supervision over commercial banks – Licensing of banks and its renewal – Branch licensing – permitted functions -Control over Capital -Control over management- Account and audit of banks– Amalgamation,

reconstruction , acquisition of undertakings, liquidation of banks – Control over banking operations-SLR, CRR.

Module III: Banker-Customer Relationship

Nature of Relationship and Liability- Banker as debtor, trustee, agent, bailee, mortgagee- Special Banking Services-Duty of confidentiality – Accounts of customers - deposits - joint accounts - trust accounts – Special type of customers- Payment of customers' cheques- Negotiation and Liability - Protection of paying and collecting banker- Bankers liability for deficiency in service.

Module IV: Lending by Banks

Principles of good lending - Security for loans - Contractual security - Immovable property and intangible property as security- Recovery of debts – RDDBFI-SARFAESI- Constitutional principles.

Module V: E-Banking

Internet and Mobile banking- E- Banking- Laws relating to Digital money- Credit Cards- Regulation- Protection of Consumers of e-banking services- RBI regulations for digital transactions.

References

1. Ross Cranston, Principles of Banking Law, Oxford, 2020.
2. Kern Alexander, Principles of Banking Regulation, Cambridge, 2019.
3. M.L. Tannan, Banking Law and Practice in India, LexisNexis, 2014.
4. Lord Chorley, Law of Banking, Sweet & Maxwell, 1974.
5. R. N.Chaudhary, Banking Laws, Central Law Publications, 2016.
6. Avtar Singh, Banking & Negotiable Instruments, EBC, 2018.
7. R.K. Bangia, Banking Law & Negotiable Instruments, Allahabad Law Agency, 2015.
8. Morrison, Investment Banking, Oxford, 2008.
9. D P Gupta, Modern Banking in India, Asian Books, 2013.
10. R K Uppal, e-Banking-The Indian Experience, Bharti Publications, 2017.

Law of Carriages

Semester 8	Special Elective	(25-273-0815)

Course Objectives

This course aims to develop a comprehensive understanding of transportation law principles, legal doctrines, and their application in regulating various modes of carriage of goods. Students will enhance their analytical and critical thinking skills by evaluating complex issues concerning the liability of carriers, international conventions, and multimodal transportation. Additionally, the course seeks to cultivate research skills essential for

exploring and understanding transportation laws, comparative legal frameworks, judicial precedents, and legislative developments.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand principles of transportation law	Understand
CO2	Analyze the legal frameworks governing carriage of goods by land, air and sea	Analyse
CO3	Explain law governing multimodal transportation of goods	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	2	3
CO2	1	2	2	2
CO3	3	3	2	2

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Contents

Module I: Overview of Transportation Law

Contract of transportation – Definition of Parties – Concept of Common Carrier — Public Carriers – Distinction with Private Carriers – Liability of carriers under Common Law – Exemption from liability.

Module II: Carriage of goods by Land

The Carriage by Road Act and Rules – The Railways Act – Convention on the Contract for the International Carriage of Goods by Road (CMR) 1956 – Consignment Note – Waybill – Liability of Railway Company for loss of goods

Module III: Carriage of Goods by Air

Warsaw Convention 1929 – The Hague Protocol, 1955 – Montreal Convention 1999 – Carriage by Air Act– Compulsory documents of carriage – Airway Bill – Liability of airlines – Limitation of liability.

Module IV: Carriage of Goods by Sea

Affreightment contracts – Charter party and bill of lading – The Hague – Visby – Hamburg and Rotterdam Rules – Indian Bills of Lading Act – Carriage of Goods by Sea Act

Module V: Multimodal Transportation and Dispute Resolution

Definition of Multimodal Transportation – Multimodal Transportation of Goods Act– Dispute resolution Provisions under the Commercial Courts, Commercial Division and Commercial Appellate Division of High Courts Act

References

1. Avatar Singh, Law of Carriages, Eastern Book Co. 2015
2. Hardy Ivamy, Introduction to Carriage of goods by Sea, Sweet & Maxwell, 2003.
3. Scrutton, Bills of Lading and Charter Parties, Stevenson and Sons, 2007
4. Ridley, Law of the Carriage of Goods by Land, Sea and Air, Sweet & Maxwell, 2010
5. Marian Hoeks, Multimodal Transport Law: The Law Applicable to the Multimodal Contract for the Carriage of Goods, Aviation Law and Policy Series - Kluwer Law International 2010
6. Dr. K. V. Hariharan, Laws of Carriage of Goods by Sea & Multimodal Transport in India,
7. Shroff Pub. 2000
8. Shubham Sinha, Railway Laws of India, Create Space Independent Pub. 2016

Foreign Trade Law

Semester 8	Special Elective	(25-273-0816)

Course Objectives

This course aims to cultivate a comprehensive understanding of international trade law principles, legal doctrines, and their application in regulating cross-border commercial transactions. Students will enhance their analytical and critical thinking skills by evaluating intricate issues concerning international commercial contracts, carriage of goods, payment mechanisms, and dispute resolution in foreign trade. Additionally, the course seeks to develop research proficiency essential for exploring and comprehending international trade laws, comparative legal frameworks, judicial precedents, and legislative developments.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Demonstrate a comprehensive understanding of international commercial contracts and sales.	Understand

CO2	Analyze the legal frameworks governing the carriage of goods in export trade,	Analyse
CO3	Explain the mechanisms for dispute resolution in foreign trade	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	2	2
CO2	3	3	2	2
CO3	3	3	2	2

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Contents**Module I: International Commercial Contracts and Sales**

Types of International Contracts – Standard Trade Terms (CIF, FOB, FAS) – Rights Liabilities of parties to Contracts – UNIDROIT Principles of International Commercial Contracts – Convention on International Sale of Goods – INCOTERMS

Module II: Carriage of Goods in Export Trade

Carriage of Goods by Sea – Bills of lading and Charter Parties – Rights and Liabilities of the Parties to Contract of Carriage – Hague Rules – Hague-Visby Rules – Hamburg Rules – Carriage by Air and Land – Multimodal Transport Law – Marine Insurance

Module III: Payments and Financing in Export Trade

Bills of Exchange – Law Relating to Bills of Exchange – Commercial Credit in International Trade – Letter of Credit – Types and the Law Relating to Commercial Credit

Module IV: Dispute Resolution in Foreign Trade

International Commercial Arbitration – UNCITRAL Model Law – National laws and the Role of Courts – Recognition and Enforcement of Arbitral Awards – Maritime Arbitration

Module V: Indian Law on Foreign Trade

Constitutional scheme – Regulatory aspects – Exim Policy – Customs Act – Foreign Trade (Development and Regulation) Act – Foreign Exchange Management Act – Export Credit Guarantee Corporation Act – Export Promotion Council

References

1. Indira Carr and Peter Stone, International Trade Law, Routledge, 2017
2. Jason Chuah, Law of International Trade, Sweet & Maxwell, 2019
3. John Mo, International Commercial Law, Lexis Nexis Butterworth, 2016

4. Justice Indu Malhotra, Commentary on the Law of Arbitration, Wolters Kluwer, 2020
5. Abhishek Rastogi, Handbook on Foreign Trade Policy 2015-2020, EBC, 2020

Law of Corporate Finance

Semester 8	Special Elective	(25-273-0817)

Course Objectives

This course aims to foster a comprehensive understanding of corporate finance principles, legal doctrines, and their application in capital raising and financial management. Students will enhance analytical and critical thinking skills by evaluating complex issues concerning securities issuance, regulatory compliance, corporate governance, and financial risk management.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the objectives of regulating corporate financing	Understand
CO2	Analyze the legal framework governing the issue of securities	Analyse
CO3	Evaluate the investor protection measures	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	2	3
CO2	2	3	2	2
CO3	3	1	2	3

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Contents**Module I: Introduction to Corporate Finance**

Objectives of corporate finance – Instruments for raising finance -Issue of securities- acceptance of deposits-Factoring-Leasing and Hire-purchase- Leveraging- Debt-equity Ratio.

Module II: Public Issue of Shares

Public Issue of shares- Prospectus-Listing requirements-Materiality of disclosure-Eligibility conditions for Issuers- Minimum Public Shareholding-Reservation in public issue- Promoters Contribution and Lock in-Pricing of Securities- - Crowd funding.

Module III: Other Kinds of Share Issue

Regulatory Controls over other kinds of issue – Right issue –Bonus Issue– Preferential issue- Issue of Depository Receipts- Private placement - Qualified Institutional Placement- Institutional Investors.

Module IV: Issue of Debt Securities

Listing requirements - Functions of debenture trustee-Creation and registration of charges - Doctrine of Capital Maintenance- Creditor protection- Law governing acceptance of deposits by companies -Deposit Insurance.

Module V: Alternate Investment Funds

Kinds of Alternate Investment funds- Private Equity-Venture Funds-SME Funds- Social Venture Funds- Real Estate Fund-Investment Conditions and Restrictions- Crowd Funding.

References

1. Niamh Moloney, Oxford Handbook of Financial Regulation, OUP, 2014.
 2. Veluvali and Parimala, Retail Investor in Focus, Springer, 2019.
 3. Ellis Ferran, Principles of Corporate Finance Law, Oxford, 2014.
 4. William Klein, Business Organisation and Finance: Legal and Economic Principles, Foundation Press, 2010
 5. NehaBhuwania, Guide to Private Equity, Taxmann, 2014.
 6. Donald H. Chew, Studies in International Corporate Financial System, Oxford 1997.
 7. EillisFerran, Company Law and Corporate Finance, Oxford, 1999.
 8. Frank.B. Cross & Robert A. Prentice- Law and Corporate Finance, Edward Elgar Publishing Limited-U.K, 2007.
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IXth Semester B.Com LLB

1	Mediation, Conciliation and Arbitration
2	General Elective 3
3	General Elective 4
4	Special Elective 3
5	Special Elective 4
6	Special Elective 5

1. Mediation, Conciliation and Arbitration

Semester 9	Course 1	(25-273-0901)

Course Objectives

Owing to the many drawbacks of the mainstream judicial dispute settlement, the understanding of alternative dispute resolution (ADR) is a necessity for any modern lawyer. Today, students of law must be equipped with the theoretical and practical knowledge of specialised mechanisms of dispute resolution which are both time and cost effective, and aids the disputing parties to reach settle the differences. The course, thus, explores the concept of alternative dispute resolution and the various established ADR mechanisms with an emphasis on Mediation. The course aims to provide training in practical skills apart from theory.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Acquire the skills of settling a dispute at the pre-trial stage	Apply
CO2	Evaluate the procedures of dispute settlement outside formal court system	Evaluate
CO3	Draft agreements for mediation including settlement agreements	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	3
CO2	2	2	3	3
CO3	2	2	3	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course contents

Module I : Introduction to Alternative Dispute Resolution

Understanding Conflict and Disputes – Modes of Dispute Resolution – Advantages of ADR – Different forms of ADR – Legal framework in India

Module II : Importance of Mediation and Key Concepts

Theory of restorative Justice and Traditional Mediation Practice – New approaches to mediation – Essential elements and processes – Role of the mediator

Module III : Settlement agreements and mediation laws in India

Decision making techniques - Drafting of agreements - sanctity of mediated agreements - enforcement laws and procedures.

Module IV : Important Developments in Mediation

Growth of virtual dispute resolution – Commercial mediation - UNCITRAL Model Law – Singapore Convention on Mediation.

Module V : Conciliation and Arbitration

Meaning of conciliation – conduct of proceedings – settlement agreement – relation to arbitral and judicial proceeding; Arbitration – meaning of – difference with other kinds of mechanisms – Arbitration agreement – Tribunal – Award.

Evaluation Pattern

Practical sessions should comprise around 50% of the total allotted teaching hours of this paper.

Evaluation Scheme

- a) Simulation activities within class room and maintaining its records- 30 marks,
- b) Live observation of procedures and recording the same- 30 marks
- c) Internal examination – 20 marks
- d) Viva-voce examination- 15 marks
- e) Attendance- 5 marks,

The viva-voce shall be conducted by a panel of internal and external expert.

References

1. O.P. Malothra, The Law and Practice of Arbitration & Conciliation, Lexis Nexis, 2014
2. P.C. Rao & William Sheffield, ed., Alternative Disputes Resolution- What it is and how it works? Universal Law Publishing, 2015
3. Shashank Garg, Alternative Dispute Resolution: The Indian Perspective, Oxford University Press 2018
4. Christopher Moore, The Mediation Process: Practical Strategies for Resolving Conflict, Wiley 2003
5. Roger Fisher, William Ury and Bruce Patton, Getting to Yes: Negotiating Agreement Without Giving In, Penguin, 2011

6. Sriram Panchu, Mediation Practice & Law: The Path to Successful Dispute Resolution, Lexis Nexis, 2011
7. Joel Lee and Teh Hwee Hwee, An Asian Perspective on Mediation, Singapore Academy of Law, 2009

General Electives for IX Semester B.Com LLB (Any Two)

1	Animal Protection Laws
2	Intellectual Property Laws
3	Forensic Science and Medical Jurisprudence
4	Healthcare Law
5	Law of Local Self Government
6	Law of the Sea
7	Law, Poverty and Development
8	Law and Medicine
9	Human Rights & Criminal Justice Administration

Animal Protection Laws

Semester 9	General Elective	(25-273-0902)

Course Objectives

The course intends to discuss fundamental questions such as relationship between man and animal, role of culture and belief in protection and exploitation of animals and the status of animals as property. It introduces the students to the broad range of laws that deals with companion animals, farm animals, animals used for entertainment and animals used for scientific experimentation.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Appreciate the legal debates on relationship between man and animal.	Evaluate
CO2	Understand the cultural, economic and legal context of animal use and exploitation	Understand
CO3	Analyse various laws dealing with protection of animals and their welfare.	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	2	3
CO2	3	2	3	3
CO3	3	2	3	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Introduction**

Animals- moral status- Different approaches- philosophic, religious scientific and historical- man and his relationship with animals-Humanism and compassion to animals- Position of animals in nature- *ferae naturae* and *ferae mansuatae naturae*- Kind of protection needed for animals.

Module II: Wild Life Protection

Laws on Wildlife Protection- Ownership of wild life- Public trust doctrine-First man who possess it- Wild life protection legislations in India- National and international legal framework on wild life protection- Critical wildlife habitat under Forest Rights Act- Symbiotic relationship between wildlife and tribal people – human-wildlife conflict.

Module III: Law Relating to Work Animals

Domestication- Farm animals-Use of animals for entertainment- Laws relating to zoo- Use of animals for agricultural purposes- Cruelty towards animals– Law on prohibition of cow slaughter- Street animals- Elimination of dangerous and wandering animals - judicial responses- Domestication and use of elephants in Kerala- Law relating to Pets.

Module IV: Law Relating to Experimentation in Animals

Use of animals in scientific research-International and National framework - regulating animal experimentation- Policies and guidelines.

Module V: Ecosystem and Animal Conservation

Ecological awareness and new approach to animal rights- Ecosystem and its conservation- relevance of wildlife and animal conservation- Laws and judicial perspectives - Animal Welfare Board- Constitution and purposes – cruelty against animals – protection of endangered species.

References

1. Carr and Broom, Tourism and Animal Welfare, CABI, 2018.
2. Favre, David S, Animal Law: Welfare, Interests and Rights, Wolters Kluwer, 2011.
3. P. Leelakrishnan, Environmental Law in India , Lexis Nexis,2016.
4. Sustein, Cass, Animal Rights: Current Debates and New Directions, Oxford, 2004.
5. Simon Broome, Debbie Legge, Law Relating to Animals, Routledge, 1997.
6. Maneka Gandhi, Ozair Hussain et al, Animal Laws of India, 2004.
7. Tom Regan, The Case for Animal Rights, California Press, 1983

8. Vipin Dayal, Animal Laws in India.
9. Majumdar, Environment and Wildlife Laws in India, Lexis Nexis, 2013.
10. Shyam Diwan & Armin Rosencranz, Environmental Law & Policy in India, Oxford, 2002.
11. Gary Francione, Animals, Property and the Law, Temple University Press, 1995.
12. Satish C. Sastri, Environmental Law, EBC, 2015

Intellectual Property Laws

Semester 9	General Elective	(25-273-0903)

Course Objectives

With the tremendous growth in technology and communication devices, information and related products have become the most valuable assets. The objective of this course is to identify what elements of such information and newly created products can be protected under law. This course also identifies the different kinds of intellectual properties that are protectable under the Indian law, what subject matter is protected under the different kind of IP, who can own these kinds of properties and what their rights are. More importantly the course will help students appreciate how the rights of public are balanced against this private right.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the nuances of IP legislations and its protection	Understand
CO2	Appreciate the need and technique of protection of public interest	Evaluate
CO3	Create and acquire different forms of IP	Create

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	2	2
CO2	2	3	3	3
CO3	3	2	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Overview of Intellectual Property**

Concept of Intellectual Property – its relation vis-à-vis property – rationale of its protection policy considerations – social, economic and political dimensions of IP – its role in industrial and other developments

Module II: Copyright

History and evolution – standard of ‘originality’ – ‘works’ that are protected – duration of protection – procedure for registration – meaning of copyright – assignment and licensing of rights – infringement – permitted uses of copyrighted works and its significance – remedies against infringement; Neighbouring rights – Performers rights – rights of Broadcasting organisations; International IP norms – Berne Convention – TRIPS – TRIPS Plus

Module III: Patent

History and evolution – meaning of inventions – standards of novelty, inventive step and utility – category of patentable inventions – procedure for registration and duration of protection – rights – assignment and licensing of rights – infringement – permitted uses and its significance – remedies against infringement; International IP norms – Paris Convention – TRIPS – PCT.

Module IV: Trademarks

History and evolution – meaning of mark – concept of distinctiveness and deceptive similarity – prohibition of registration of marks – procedure for registration and duration of protection – rights – assignment and licensing of rights – infringement – permitted uses and its significance – remedies against infringement; protection of well-known marks – certification marks – collective marks; remedy of passing off; International IP norms – Paris Convention – TRIPS – Madrid System

Module V: Others Forms of IP

Industrial design, geographical indication, new varieties of plants, semiconductor integrated circuits, trade secrets, protection of domain names, traditional knowledge, traditional cultural expressions – their history and evolution – standards of protection – subject matter rights – infringement of rights and its remedies; International IP norms – Paris Convention TRIPS – Hague System

References

1. W. R. Cornish, Intellectual Property: Patents, Copyrights, Trademarks and Allied Rights, Sweet and Maxwell, 2019
2. Siva Vidhyathan, Intellectual Property: A Very Short Understanding, Oxford University Press, 2017
3. Elizabeth Varkey, Intellectual Property, Eastern Book Company, 2015
4. V. K. Ahuja, Law Relating to Intellectual Property Rights, LexisNexis, 2017
5. Dr. B.L. Wadehra, Relating to Intellectual Property, Universal Law Publishing Company, 2018
6. Dr. Mathew Thomas, Understanding Intellectual Property, Eastern Book Company, 2016
7. Dr. B.L. Wadehra, Relating to Intellectual Property, Universal Law Publishing Company, 2012
8. K.D. Raju, The Intellectual Property Rights & Competition Law - A Comparative Analysis, Eastern Law House, 2015
9. S.B. Verma, Intellectual Property Rights, Mittal Publication, 2013
10. P. Narayanan, Intellectual Property Law, Jain Book Depot, 2015

Forensic Science and Medical Jurisprudence

Semester 9	General Elective	(25-273-0904)

Course Objectives

The course aims at giving the students the use of science as evidence in the courts of Law for proving the commission of crimes. It aims at giving the students the complete account of how science can help to prove commission of crime beyond doubt. The course is also aimed to find out how these evidences are accepted by courts in India.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand how scientific evidence can be used in crime detection	Undersand
CO2	Appreciate advancements in field of forensic science	Evaluate
CO3	Apply principles of evidence in forensics	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	2	3
CO2	2	2	2	3
CO3	3	2	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Origin and Development of Forensic Science**

Forensic science - origin and development - importance of forensic science in criminal investigation- Anthropology-Odontology-Pathology & Biology-Psychiatry & Behavioural Science-Toxicology.

Module II: Documents

Scientific examination of documents- signatures and handwritings- Digital Forensics- Forensic ballistics- finger printing/DNA printing - blood and body fluids-hair- rights of the accused

Module III: Modern scientific advancements

Brain finger printing – Narco –analysis-polygraph-rights of the accused- evidentiary value -expert opinion.

Module IV: Medical jurisprudence in criminal trials

Medical jurisprudence - definitions, origin and development -importance and relevance in criminal trials.

Module V: Basic Principles and evidentiary value

Basic principles and rules on evidentiary value of conclusions of medical personnel - medical jurisprudence in India and the courts.

References

1. Subramanyam, Medical Jurisprudence, Forensic Medicine and Toxicology 2019
2. Krishnan Vij, Forensic Medicine and Toxicology, 2018
3. A. Keith Mant, Principles & Practice of Medical Toxicology Jurisprudence 1984
4. Suzane Bell, Forensic Science an introduction to investigative techniques, CRC Press, 2019.
5. Helen Whitwell, Mason's, Forensic Medicine for Lawyers, Bloomsbury Academics, 2015
6. J.P. Modi, Medical Jurisprudence and Toxicology for India, Butterworth Publications, 2017
7. Jay A. Siegel, Forensic Science the Basics, CRC Press, 2006
8. Alfred Swaine Taylor, A Manual of Medical Jurisprudence, 1879
9. Lisa Yount, Forensic Science form fibers to fingerprints, Chelsea House, 2007

Health Care Laws

Semester 9	General Elective	(25-273-0905)

Course Objectives

The course is intended to give the students an overall picture about the laws relating to healthcare in the national and international level. The course is also aimed at giving the civil and criminal consequences of acts that affect healthcare.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand laws governing health care	Understand
CO2	Engage in legal practice involving medico-legal cases	Apply
CO3	Analyse law regulating health care institutions and health professionals	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	2	3
CO2	3	2	3	2

CO3	3	2	3	3
1-Low Correlation 2-Medium Correlation 3-High Correlation				

Course Contents

Module I: Health – Basic understandings

Meaning and concept- Distinction between health and disease-Development of health care in India-Pre British, British and post British period- health care systems-Allopathic and Indian System of Medicines- professional ethics - regulation of medical education

Module II: Right to Health Care Services

Concept of right to health- International obligations of state - Constitutional provisions - judicial approach -Common law - medical ethics - patient rights - consent for treatment - right to medical records

Module III: Liability for Professional Negligence

Nature of doctor- patient relationship-Tort of negligence and trespass-standard of care-Liability under consumer law–liability under criminal law

Module IV: Regulation of Institutions

Medical and para medical institutions – other medical institutions - corporate position. Registration of medical professionals –clinical establishment legislations-regulatory authorities- violence against healthcare institutions -functions of Medical Council, Dental Council, Pharmacy Council, Nursing Council - registration under different system of medicines - Regulation of manufacture and storage of medicine - sale - advertisement-Drugs and Cosmetics Act, and rules- drug price control orders.

Module V: Ethical Issues in Health Sector

Special provisions relating to mental healthcare-shift in the Mental Healthcare Act-International Human Rights norms– Bio-ethics-transplantation of human organs-pre-natal diagnostic techniques - AIDS control - medical termination of pregnancy and euthanasia. - Medical waste disposal- disputes relating to medical insurance.

References

1. Joel B. Teitelbaum and Sara E. Wilensky, Essentials of Health Policy and Law Jones & Bartlett Learning, 2017
2. Dr. Sairam Bhat, Healthcare in India: An Introduction to Law and Legal System, Bloomsbury India, 2016
3. Barry Furrow, et.al., Health Law: Cases, Materials and Problems, Abridged (American Casebook Series), West Academic Publishing, 2018
4. Dean Harris, Contemporary Issues in Healthcare Law and Ethics, Health Administration Press, 2014
5. Anita Sikand Bakshi, Hippocratic Oath or Hypocrisy?: Doctors at Crossroads, SAGE Publications Pvt. Ltd, 2018
6. Vijay Malik (Ed.), Law Relating to Drugs and Cosmetics, Eastern Book Co. 2018.
7. S.K. Verma (ed.), Legal Framework for Health Care in India, LexisNexis, 2002
8. George P. Smith, Human Rights and Biomedicine, Springer, 2000
9. William Roach, Medical Records and the Law, AHIMA, 1985
10. Richardson, Doctor Lawyer and the Courts, Anderson Co., 1965
11. Shaun D. Pattison, Law and Medical Ethics, Sweet & Maxwell, 2017

12. Jonathan Herring, Medical Law and Ethics, Oxford University Press, 2018
13. Tapas Kumar Koley, Medical Negligence and the Law in India: Duties, Responsibilities, Rights, Oxford University Press, 2010

Law of Local Self Government

Semester 9	General Elective	(25-273-0906)

Course Objectives

The course provides an understanding on the operation of the democratic process at the grass root level in India. It gives an understanding as to how the Panchayati Raj System has evolved and how governmental power devolves and operates through these institutions.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the process of decision making at local self-government level	Understand
CO2	Appreciate functioning of decentralized democratic system	Evaluate
CO3	Analyse of the policies and programs initiated by the institutions for promoting community welfare	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	2	2	2	2
CO2	3	2	3	3
CO3	2	3	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Basic Understandings on Democratic Decentralization**

Local Government system in the legal structure - powers and functions – governmental and judicial control over local government

Module II Development of Panchayati Raj Institutions in India:

Evolution of Panchayati Raj System in India - a historical perspective –village panchayats in ancient India-Gandhiji's ideas on village panchayat as unit of self-government-Response of the Constituent Assembly towards the Gandhian idea - The nature, scope and spirit of Art. 40 of the Constitution.

Module III : Constitutional Position of Panchayati Raj Institutions

Development of Panchayati Raj institutions in the post Constitution period - Experiments in democratic decentralisation - Reports of Balwant Rai Mehta Committee, Ashok Mehta Committee etc. Emergence of Panchayati Raj with Constitutional system - 73rd Constitutional Amendment - its implications and consequential developments.

Module IV: Functioning of Panchayati Raj Institutions

Powers and functions of the various Panchayati Raj institutions-financial powers-finance commission - tax collection – welfare activities - Governmental and Judicial control over Panchayati Raj institutions- Local Self Government Ombudsman

Module V: Institutions of Local Self Government in the State of Kerala

The Kerala Panchayati Raj Act- the structure of Panchayati Raj institutions at various levels-their composition-election of office bearers-meetings of the various bodies.

References

- 1 Venkata Rangaiya (Ed.), Local Government in India, Allied Publishers, 1969
- 2 William A. Robson, Local Government in Crisis, Allen & Unwin, 1968
- 3 Radhakumud Mookerly, Local Government in Ancient India, Nabu Press, 2012
- 4 K Padmanabhan Nair et. al, Panchayath Laws in Kerala, Swamy Law House, 2017
- 5 Dr.S.R Myneni, Local Self Government, Allahabad Law Agency, 2016
- 6 Rahul Mudgal, Local Self-Government in India, Book Enclave, 1998

Law of the Sea

Semester 9	General Elective	(25-273-0907)

Course Objectives

The course throws light on the governance regime established by both customary international law and UNCLOS framework in various maritime zones and international waters. The course will also draw attention to the management and conservation of living resources, the protection and preservation of marine environment and the dispute settlement mechanism of law of the sea. Knowledge of the jurisprudence of the international courts and tribunals would play a significant role in the clarification of the International scheme pertaining to emerging issues of law of the Sea.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand law governing sea under UNCLOS regime	Understand

CO2	Examine rights, duties and liabilities of nation states with respect to sea	Analyse
CO3	Explain legal framework for protection of fisheries and other ocean resources	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	2
CO2	3	3	3	2
CO3	3	3	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Introduction to Law of the Sea**

International Law of the Sea- Historical Overview- Mare Liberum & Mare Clausum- Sources-Customs- international Conventions- UNCLOS Framework – Law Making Treaties adopted by IMO and Other International Bodies- Decisions of ICJ , ITLOS and Other International Tribunals

Module II: Internal Waters and Territorial Sea

Internal waters - base line- Types - Access to ports and harbors – for foreign flag vessels, and ships in distress. Jurisdiction in maritime ports - civil and criminal, sanitary regulations. Territorial waters–coastal state jurisdiction & access to ships–Right of Innocent Passage-Contiguous zone.

Module III: Exclusive Economic Zone and Continental Shelf

Exclusive Economic Zone - Continental Shelf - international straights and archipelagos – transit passage. Delimitation of maritime boundaries - opposite and adjacent states - underlying Principles of Resource Exploitation

Module IV: Fisheries Jurisdiction

International Fisheries - Conservation and Exploitation of Resources-Licensing of Fishing-Deep Sea Fishing- IUU fishing.

Module-V: High Seas and Sea Bed Area

High Seas - Concept of Patrimonial Sea & Common Heritage –ABNJ Regime - Piracy and Hot Pursuit International Sea Bed - Exploration and Exploitation – Role of Sea Bed Authority.

References

1. Christopher Hill, Maritime Law, Cambridge , 2017

2. Yoshifumi Tanaka, International Law of the Sea , Cambridge University Press,2022
3. R.R Churchill & A.V.Lowe, The Law of the Sea, Manchester,2008
4. O.P. Sharma, The International Law of the Sea: Indian and UNCLOS 1982 , Oxford (2009)
5. Gopalan Nair, Maritime Law of India,1977
6. Myres S. McDougal, The Public Order of the Oceans, Yale University Press,1962
7. Ronald. R. Rothwell, The International Law of the Sea, Hart Publishing,2016
8. RP Anand, Origin and development of the Law of the Sea. The Hague, Brill Publications, 2022
9. CJ Colombos, The International Law of the Sea. Longmans , London,1954

Law, Poverty and Development

Semester 9	General Elective	(25-273-0908)

Course Objectives

The objective of the course is to introduce to the students the basic understanding on Law, Poverty and development and their interrelationship in a changing society. The course will examine law as a tool for achieving socio- economic development of the weaker sections of society. The course aims to acquaint the students with various theories and perspectives of ‘development’ and to keep foremost the rights and interest of the poor and marginalized while examining developmental goals and policies.

Course Outcomes (COs)		Bloom’s Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand interrelationship between Law, Poverty and development	Understand
CO2	Examine problems of the socially and economically weaker sections of the society	Evaluate
CO3	Analyse the beneficial schemes and welfare measures adopted by the state for alleviation of poverty	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	2	3	2	2
CO2	2	3	3	2
CO3	2	1	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Concept of Poverty and Development

Socio economic philosophy reflected under the Indian Constitutional scheme - conflicting socio-economic philosophies and their reconciliation-the feasibility of tying the nation's basic legal document with any economic philosophy- SDG 1&2

Module II : International Principles and Goals

Poverty reduction initiatives of ILO - United Nations Organisation- Sustainable Development Goals – WTO – UDHR

Module III : Welfare Schemes and Policies

Social and Economic Welfare Schemes and Legislations on Poverty eradication - Employment– MNREGA- Food and nutrition – FSA – Education RTE – Health – Housing-

Module IV: Rights and Access to Justice of the Poor

Right to free Legal Aid-Art.21 of the Constitution of India-Section 304 of Criminal Procedure Code - Rights of the Indigent Person - Civil Procedure Code - Lok Adalats – Legal Services Authorities Act– Right to Services

Module V: Conflict between Development and Poverty

Land Acquisition and Displacement –right to fair compensation and transparency in land acquisition -Impact of forest legislations on tribal and other rural folk- right to livelihood and access to resources-fisheries regulation and the rights of traditional fishermen - environmental issues and the livelihood issues, role of Law.

References

1. Upendra Baxi ed., Law and Poverty: Critical Essays, 1988
2. Amartya Sen, Poverty and Famines: An Essay on Entitlement and Deprivation, 1999
3. Amartya Sen, Idea of Justice, 2009
4. Rehman Sobhan, Challenging the Injustice of Poverty: Agenda for Inclusive Development in South Asia, 2011
5. Michael Lipton, and Reforms in Developing Countries: Property Rights and Property Wrongs, Routledge, 2009
6. Upendra Baxi, The Avatars of India Judicial Activism: Explorations in the Geographies of (In)Justice in Fifty Years of the Supreme Court: Its Grasp and Reach, 2000

Law and Medicine

Semester 9	General Elective	(25-273-0909)

Course Objectives

The principal objective of the course is to provide a detailed overview of various medical laws to the students. It also intends to provide the students with the idea of right to health as a basic human right and its importance in the society. The course is also aims to identify and discuss various ethical issues involved in the area of medical law and to sensitize the students about the need for regulating medical profession and practices.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Analyse ethical and social issues involved in medical practice.	Analyse
CO2	Analyse law governing manufacture, distribution and sale of drugs	Analyse
CO3	Appreciate law regulating human experimentation	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	1	2	2
CO2	3	2	3	2
CO3	2	3	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I- Control over Medical Profession**

Control of medical profession through law - ethical code for medical professionals- Role of MCI Rules on professional conduct - liability of doctors under common law - criminal liability - consumer protection and medical profession- Regulating medical education.

Module II-Ethical Concerns involved in Medical Practice

Laws bearing on medical practice-ensuring quality service-Bioethics - Ethical and legal issues relating to Abortion- ART, Surrogacy, PNDT Act- Euthanasia- control of epidemics and quarantine rule- relevant legal regulations on organ transplantation.

Module III- Control of Drugs

Control of drugs - manufacture – distribution- Drugs and Cosmetics Act- Definition of Drugs- Import, Manufacture of Drugs and relevant rules- prohibition on magical remedies- IPC provisions.

Module IV- Human Experimentation and Medical Science

Human experimentation legal and ethical control - national and international regulations- Nuremberg Code, Helsinki Declaration, other relevant international guidelines- ICMR Guidelines and Rules on Clinical Trials.

Module V- Access to Health Care and Constitutional Framework

Access to medical care and health services –public health emergencies - cost of health care - measures to make the facilities accessible - aspects of social justice in this regard- patent regime and its impact on health sector-compulsory licensing- access to medical records by patients.

References

- 1 S.K.Varma(Ed.),LegalFrameworkforHealthCareinIndia,LexisNexis,2002
- 2 George P. Smith, Human Rights and Biomedicine, Springer, 2000
- 3 William Roach, Medical Records and the Law, AHIMA,1985
- 4 Richardson, Doctor Lawyer and the Courts, Anderson Co.,1965
- 5 Shaun D. Pattison, Law and Medical Ethics, Sweet& Maxwell, 2017.
- 6 Jonathan Herring, Medical Law and Ethics, Oxford University Press,2018
- 7 Tapas Kumar Koley, Medical Negligence and the Law in India : Duties, Responsibilities, Rights, Oxford University Press(2010).
- 8 Gillian Douglas, Law, Fertility and Reproduction, Thomas Professional, 1992)
- 9 Vijay Malik (Ed.),Law Relating to Drugs and Cosmetics, Eastern Book Co.,2018
- 10 Lily Srivastava, Law and Medicine, Universal Publishing Co.,2010

Human Rights and Criminal Justice Administration

Semester 9	General Elective	(25-273-0910)

Course Objectives

The course is designed to provide the students with a comprehensive understanding about human rights infringement in the criminal justice process and the principles adopted by the criminal laws in India to balance the human rights of all the stakeholders in the criminal justice process. The course is intended to educate the students regarding the Constitutional guarantees and the Constituent laws comprising the criminal justice administration and to groom the students to be socially committed citizens.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Identify the human rights violations involved in state actions in the criminal justice process and demonstrate a deep understanding of the fundamental principles of criminal justice administration	Understand

CO2	Apply internationally recognized norms to Indian criminal justice system for safeguarding the rights of various stakeholders involved in criminal justice process.	Apply
CO3	Evaluate the standards adopted by India in safeguarding human rights in the administration of criminal justice.	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	2	3	2	1
CO2	1	3	2	1
CO3	2	2	3	1

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Introduction to International Human Rights Documents and Criminal Law**

UDHR, ICCPR, Convention Against Torture, Basic Rights of Accused Persons, State Responsibilities, Accusatorial and Inquisitorial System and its features. Indian Laws on Protection of Human Rights

Module II: Constitutional Safeguards and Criminal Justice System

Ex- post facto laws, Double Jeopardy, Right against Self- incrimination, Right against Arbitrary Arrest and Detention, Custodial Torture, Crime Investigation- FIR, Search and Seizure, Right to privacy- ethical and social issues in admissibility of forensic evidence- Medical Examination.

Module III : Right to Fair Trial

Right to Legal Aid and Representation, Private Complaint, Compounding of Offences, Plea-Bargaining, Speedy Trial, Role of Prosecutors, Principles of Fair Trial, Bail, Remand, Witness Protection, Sentencing.

Module IV: Prisoners' Rights

Judicial Responses, kinds of punishment- Classification of Prisoners, Clemency Powers, Parole- Probation, Legality of indeterminate sentencing, Capital Punishment, Rehabilitation.

ModuleV: Role of Victim in Criminal Process

Rights of Victims under International Documents, Role of Victim in Criminal Trial, Victim Compensation, Victim Impact Statements, Rehabilitation of Victims – Role of Judiciary in Victim Centric Justice and Criminal Justice Reforms on Victim Justice

References

1. Ilias Bantekas and LotzOette, International Human Rights Law and Practice, Cambridge, 2013
2. Madeleine Colvin and Jonathan Cooper(Ed), Human rights in the investigation and prosecution of crime, Oxford University Press, 2009.
3. Philip Alston and Ryan Goodman, International Human Rights, Oxford, 2012
4. William C. , Dimensions of Justice : Ethical Issues in the Administration of Criminal Law, City University of New York
5. Basu, Law Relating to Protection of Human Rights, Modern Law Publications, 2002
6. Sircar, V.K., Protection of Human Rights in India, Asia Law House, 2004
7. Dr. K.P. Saksena, Human Rights and the Constitution, Gyan Publishing House, 2003
8. Human rights and criminal justice administration UGC sponsored national seminar on human rights, 29th February to 1st March, 2008 - Kochi School of Legal Studies 2008 - 129p.
9. Arman Sarvarian , Procedural Fairness in International Courts and Tribunals, Thomson Reuters, 2019
10. Antony, P S, Protection of Human rights in the administration of criminal justice, Kochi Law Book Centre 2019
11. The Code of Criminal Procedure, 1973
12. Bhartiya Nagarik Suraksha Sanhita, 2023

Special Electives for IXth Semester B.Com LLB (Any Three)

1	Bankruptcy and Insolvency Law
2	Marine Safety Law
3	Insurance Law
4	Law Relating to Ships
5	Law of Mergers and Acquisitions
6	International Trade Law

Bankruptcy and Insolvency Laws

Semester 9	Special Elective	(25-273-0911)

Course Objectives

The course aims to enable the students to understand the fundamental principles of law relating to bankruptcy and insolvency. It introduces the students to the legal provisions and case laws on individual, entity and corporate insolvency. The course will help them understand the insolvency

resolution process, the rights of creditors and debtors, the powers and functions of regulatory agencies & insolvency professionals. It will also introduce them to the issues in cross border insolvency.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the general principles relating to insolvency laws.	Understand
CO2	Analyse jurisprudence on insolvency and creditor protection measures	Analyse
CO3	Engage in legal practice on insolvency related matters	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	3	3
CO2	3	2	3	2
CO3	2	3	2	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Introduction to Insolvency Law**

The concept of insolvency and bankruptcy – aims, objectives and policies of insolvency laws
-Evolution of the law - Constitutional perspectives - Expert committees on insolvency.

Module II: Personal Insolvency Resolution

Personal insolvency –Insolvency of partnership and other legal entities –Resolution Process –
Registration of claims - priority of payment of debts- Proof of debts-Doctrine of reputed ownership-Excluded and exempt property- bankruptcy order- effect of discharge order.

Module III: Corporate Insolvency Resolution

Corporate insolvency resolution process - Operational creditor and financial creditor -
Committee of creditors- Regulation of insolvency professionals and agencies- Adjudicatory Authority-Information Utility- Powers and Functions of Insolvency and Bankruptcy Board-
Liquidation Process- Powers of liquidator.

Module IV: Administration and Distribution of Assets of Corporate Debtor

Distribution of assets- *pari passu* Principle- Waterfall Mechanism-Undervalued transactions-
Preference transactions- Extortionate credit transactions-Fraudulent preferences – Fraudulent trading - Liability of delinquent directors and officers.

Module V: Cross Border Insolvency

Disposition of Foreign assets- Choice of Law- UNCITRAL Model law on Cross border insolvency- Centre of Main Interests [COMI] - Group Insolvency- Pre-Pack arrangements

References

1. VS Wahi, Treatise on Insolvency and Bankruptcy Code, Bharat Law House, 2019.
2. Fletcher, Ian F, The Law of Insolvency, Sweet & Maxwell, 2017.
3. Rebecca James Parry & others, Transaction Avoidance in Insolvencies, Oxford University Press, 2018.
4. Reinhard Bork, Principles of Cross Border Insolvency Law, Intersentia, 2017.
5. Neil Hannan, Cross Border Insolvency-The Enactment and Interpretation of UNCITRAL Model Law, Springer, 2017.
6. Ramaiya, Guide to the Companies Act-2013, Lexis Nexis, 2015.
7. Insolvency and Bankruptcy Code, 2016 with latest Amendments.
8. Bankruptcy Law Reforms Committee Report, 2015.
9. R.M.Goode, Principles of Corporate Insolvency Law Sweet and Maxwell, 2005.
10. Vanessa Finch, Corporate Insolvency Law: Perspectives and Principles, Cambridge University, 2017.
11. Pollard, Corporate Insolvency: Employment and Pension Rights, Bloomsbury, 2016.
12. Bailey & Groves, Corporate Insolvency: Law and Practice, Butterworths, 1992.
13. David Milman & Durrant, Corporate Insolvency: Law and Practice, Sweet and Maxwell, 1994.
14. McPherson, Law of Company Liquidation, Sweet and Maxwell, 2001.

Marine Safety Law

Semester 9	Special Elective	(25-273-0912)

Course Objectives

The course introduces the international legal framework for ensuring marine safety and prevention of pollution from ships. The course draws on measures adopted by IMO to address physical safety and stability of ships, manning standards, environmental protection and safety management schemes. The prevention of collision and shipping casualties and the power of authorities to initiate enquiries in to casualties assume relevance.

Course Outcomes (COs)	Bloom's Taxonomy Level
After completion of the course, the student will be able to:	

CO1	Demonstrate knowledge related to standards of marine safety for ships like Construction, seaworthiness and safety management of ships.	Understand
CO2	Apply the measures established by the International Maritime Organization (IMO) to address the physical safety and stability of ships, including manning standards and safety management schemes.	Apply
CO3	Assess the strengths and weaknesses of safety management schemes in ensuring compliance with regulatory standards and fostering a culture of safety within the maritime industry.	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	2
CO2	2	3	3	2
CO3	3	3	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Introduction to Marine Safety**

Marine Safety-General principles governing safety of life and property at sea – prohibitions on sending unsafe ships to Sea - liability of owners and operators - duty to provide assistance ship in distress.

Module II: Construction and Manning Standards

Construction and maintenance of ships - survey of ships - continuous survey obligations - IMO code for construction of ship - Indian ship construction rules. Manning of ships - Training, Certification and watch keeping – STCW Convention, 1978, Employment Conditions of sea men – MLC 2006 -Provisions of the Merchant Shipping Act and Rules.

Module III: Physical and Environmental safety

Load line Conventions - loading of ships - unsafe goods – over loading safety appliances, radar, maps and charts - radio and telecommunication rules, lifeboats, buoys etc- Safety Management (ISM) - Environmental safety and Climate change norms for ships.

Module IV: Prevention of Collision

Collision regulations - steering and signaling. Liability for collision -nominal and civil liability

Module V: Shipping Casualties

Investigation of shipping casualties – Authorities and Powers under Indian Law.

References

- 1 Simon Baughen, Shipping Law, Routledge , 2012
- 2 B.C. Mitra, Law Relating to Marine Insurance, Universal Publishing Co.,2012
- 3 Nagendra Singh (Ed.), British Shipping Laws , Sweet & Maxwell Vol.IV.,1993
- 4 National Research Council, Crew Size and maritime safety, National Academic Press, 1990
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- 7 Dr. S P Gupta , The Outlines Of Maritime Law , Allahabad Law Agency, 2014

Insurance Law

Semester 9	Special Elective	(25-273-0913)

Course Objectives

The course throws light on the fundamental principles of insurance law. It provides insights on the special features of different kinds of insurance. It helps students to familiarise with the procedure of making insurance claims. It also discusses the regulatory controls over insurance business, the role and functions of regulatory agencies and insurance intermediaries.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the general principles relating to insurance law	Understand
CO2	Analyse the rights and duties of insured and the insurer	Analyse
CO3	Develop critical thinking on various concepts of insurance law	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	3	3
CO2	2	3	3	2
CO3	3	2	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module 1: Introduction and Legal Framework

Nature and definition of insurance -Evolution of insurance-Need for insurance - Classification of insurance- Formation of Insurance contract - Regulation of insurance business in India – IRDA- Powers and functions - Regulation of insurance intermediaries- Ombudsman.

Module II: Features of contract of Insurance

Nature of Insurance Contract- Contract of utmost good faith- Scope of duty of disclosure-Insurable Interest- Proximate Cause-Principle of indemnity- Conditions and warranties-Premium -Attachment and Duration of risk- Factors affecting risk - Excepted perils.

Module III: General Principles of Insurance

Double insurance- Reinsurance-Subrogation-Contribution -Loss and measure of indemnity- Procedure for making insurance claim- Persons entitled to claim-Settlement of claims- Transfer and Assignment of policy.

Module IV: Special features of Fire and Marine Insurance

Subject matter of marine insurance- Hull, cargo, Freight – Kinds of marine policies-Time, voyage, mixed- Maritime Perils-Implied terms in marine policy – Marine Losses-Partial loss and total loss - Abandonment-Fire Insurance- kinds of policies- Valued, Unvalued, Average, Floating Policy- Fire Perils and Exceptions.

Module V: Other Kinds of Insurance

Health Insurance- Property insurance - Liability insurance - Insurance under Motor Vehicles Act-MACT - powers and functions - Public liability insurance - Social security insurance - sickness, old age and unemployment – Employees State Insurance.

References

1. Colinvau's Law of Insurance., Sweet & Maxwell, 2014
2. Bird's Modern Insurance Law, Sweet and Maxwell, 2013.
3. Murthy and Sarma, Modern Law of Insurance in India, Lexis Nexis, 2013
4. Malcolm A Clarke, The Law of Insurance Contracts, Informa, 2010.
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8. Arnold, Law of Marine Insurance and Average, Stevens and Sons, 2008.
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11. Ray Hodgins., Insurance Law-Text and materials, Cavendish, 2002.
12. M.N. Sreenivasan, Principles of Insurance Law, Lexis Nexis, 2009.

Law Relating to Ships

Semester 9	Special Elective	(25-273-0914)

Course Objectives

The objective of the course is to create awareness among law students to address legal issues innate to ownership of ships. Amongst the course content, substantive and procedural aspects of registration is one area prone to litigations and controversies that necessitate an in depth analysis in the course. Another inevitable component is the limitation of liability dealt with in the scheme. Acquiring of skills with drafting and interpretation of shipping contracts adds value to the course.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand legal framework and practice for registration and ownership of ships	Understand
CO2	Appraise the international consensus for employment of crew, terms of employment and other conditions of maritime labour and Ship owner's privileges	Analyse
CO3	Apply knowledge gained to interpret shipping contracts and its clauses.	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	2
CO2	3	3	3	3
CO3	3	3	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I : Jurisdiction of States over Ships**

Jurisdiction over ships - Civil, Criminal and Administrative- Internal Waters and Ports – Territorial waters, Exclusive Economic Zone and other maritime zones - Government ships- Sovereign Immunity - Merchant ships - Access to Ports – Regulatory Framework - Arrest of Vessels and Safeguards.

Module II : Ownership and Registration of ships

Ownership and Registration of Merchant Ships, Fishing Vessels - Role of Mercantile Marine Department –Classification Societies- Concept of Genuine link – Inspection, Survey and Procedure for Registration

Module III : Employment of Seamen

Employment in ships –Seamen- Training for sea service - Rating of seamen -Continuous Discharge Certificate - Right to Remuneration and other Service Conditions in Ships.

Module IV: Ancillary Shipping Contracts

Ancillary Shipping Contracts - Pilotage - Salvage – Wages - Towage

Module V: Limitation of Liability

Limitation of Ship owner's liability - Concept of Privity – International Convention on Limitation of Ship Owner's Liability – Limitation Fund -Maritime Safety-Safety of life- Security of Ports and Safety Management of Ships.

References

- 1 Halsbury's Laws of England (2023)
- 2 Robert Grime, Shipping Law, Sweet & Maxwell,(1991)
- 3 Simon Baughen, Shipping Law,Routledge 8 th edn. (2023).
- 4 Martin J. Norris, The Law of Salvage, Sweet & Maxwell (1958).
- 5 Geoffrey Brice, Maritime Law of Salvage (1984).
- 6 Francis Rose, The Modern Law of Pilotage, Sweet & Maxwell (1984).
- 7 Chorley and Giles, Shipping Law, (1987).
- 8 Narmada M. Agarwal, Merchant Shipping Legislation in India & U.K., University of Bombay (1973).
- 9 Robert Force , Admiralty and Maritime law, Beard Books (2008)

Law of Mergers and Acquisitions

Semester 9	Special Elective	(25-273-0915)

Course Objectives

The course explores the law governing corporate restructuring in India. It intends to familiarise the students with different kinds of corporate restructuring. It throws light on the scope and rationale of takeover regulations. It intends to provide in-depth knowledge about legal framework governing takeovers. The course helps to analyse the legal provisions for ensuring protection of shareholders during mergers, amalgamations and takeovers.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the legal provisions governing mergers, acquisitions and takeovers.	Understand
CO2	Explain the valuation, tax and labour law aspects of corporate restructuring	Analyse
CO3	Engage in transactional practice in mergers, acquisitions and takeovers.	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	2	2
CO2	3	2	3	3
CO3	3	3	3	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Introduction

Corporate Re-organisations –Nature and Scope- Need for Corporate Restructuring-Organic and Inorganic modes of restructuring- Theories of Mergers and Acquisitions-Kinds of Mergers- Motives for Mergers.

Module II: Schemes of Arrangement and Compromise

Compromise, arrangements and amalgamations-Regulatory Framework-Judicial Control- Acquisition of shares from dissenting shareholders-Demerger- Cross border mergers-Protection of minority shareholders–Compulsory amalgamation- Business transfers-Divestitures, spin-offs-equity carve outs.

Module III: Regulatory Controls over Public Offers

Open offer and disclosure thresholds- Competing offers- withdrawal of offers-hostile takeovers-takeover defences-Duties of directors and acquirers during takeovers-due diligence- protection of employees during takeover- Corporate Governance aspects of takeovers.

Module IV: Raising Finance for Takeovers

Financing of Takeovers-Leveraged buyouts- Accounting aspects of mergers- Valuation of assets – Valuation of distressed assets- Share exchange ratio- Merger of banking companies- Role of RBI.

Module V: Tax Aspects of Corporate Reorganisations

Taxation -Sale of an undertaking -Slump sale- Business transfer agreement on a going concern basis - Share acquisitions- Securities Transaction Tax

References

1. Umakanth Varottil, Comparative Takeover Regulation, Cambridge, 2018.
2. Jennifer Payne, Schemes of Arrangement, Theory Structure and Operation, University of Oxford, 2014.
3. Athanasios Koulouridas, The Law and Economics of Takeovers, Oxford and Portland, Oregon, 2008.
4. Roberto Romano (Ed), Foundations of Corporate Law, Oxford University Press, 2012.
5. Fred S Mc Chesney, Mergers and the Market for Corporate Control, Elgar Research Publications, 2011.
6. Dr J C Verma, Corporate Mergers and Takeovers, Bharat Law House, 2008.
7. Weinberg and Black, Takeovers and Mergers, Sweet and Maxwell, 1979.
8. J.Fred Weston, Chung, Kwang S. and Hoag, Susan E., Mergers, Restructuring and Corporate Control, Prentice Hall, 1990.
9. CCH Master Guide to Mergers & Acquisitions in India – Tax and Regulation, Ernst & Young, Wolters Kluwer, 2015.
10. Sridharan & Pandian, Guide to Takeovers & Mergers- Complete Guide to Corporate Restructuring, Takeovers and Mergers, Amalgamation & Acquisitions, Lexis Nexis, 2010

International Trade Law

Semester 9	Special Elective	(25-273-0916)

Course Objectives

This course discusses the legal system governing international trade with particular emphasis on the law of the World Trade Organization (WTO) and the Indian legal framework on the regulation of foreign trade. The objective of this course is to give students a comprehensive overview of the world trading system, with in-depth knowledge of selected segments in this increasingly influential branch of international law. This course is designed for students who may practice in the subject area, either at private firms, think-tanks or in government, or generally for any student who would like to understand the world trading system for personal or scholarly reasons.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the legal structure of international trading system	Understand
CO2	Explain the general rules governing WTO law and dispute settlement mechanism	Analyse
CO3	Appreciate the relevance of the regionalization of trade and identify major regional organizations establishing free trade areas and customs unions	

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	2	3	2	3
CO2	3	2	3	3
CO3	2	3	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Introduction to International Trade Law**

Basics of international trade and commerce–Historical background of the General Agreement on Tariffs and Trade–The role of international trade in the global development–Sources of international trade law – International economic institutions

Module II: The WTO System

Evolution of WTO – Legal Structure – Principles and working of WTO – Understanding the structures of the Covered Agreements – Trade in Services (GATS) – Trade related aspects

of Intellectual Property Rights (TRIPS) – Dispute settlement understanding

Module III: General Principles of Non-discrimination

Most-favored Nation Treatment (MFN) – History and Basic issues – GATT/WTO cases concerning MFN – National treatment scope and application – History and Basic issues – Like products – GATT/WTO cases concerning National Treatment

Module IV: Exceptions and Trade Remedies

General exceptions – Security exceptions – Anti-dumping – Subsidies and countervailing duties – Safeguards – Protection of domestic market and India's commitments to free trade

Module V: Regional Integration and Trade

Preferential trade agreements – Free Trade Areas – Customs Union – WTO Committee on Regional Trade Agreements (CRTA) – Transparency mechanism – Dispute Settlement

References

1. Raj Bhalla, International Trade Law: A Comprehensive Textbook, Carolina Academic Press, 2019
2. John H Jackson, The Jurisprudence of GATT and the WTO, Cambridge University Press 2000.
3. Mitsuo Matsushita, et al, The World Trade Organization: Law, practice and policy, Oxford University Press, 2015
4. Hoekman, Bernard M., and Petros C. Mavroidis. World Trade Organization (WTO): Law, Economics, and Politics, Routledge, 2007
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6. AK Koul, Guide to the WTO and GATT: Economics, Law and Politics, Springer, 2018

Xth Semester B Com LLB

1	Moot Court Exercise and Court Visit
2	General Elective 5
3	General Elective 6
4	Special Elective 6
5	Special Elective 7
6	Special Elective 8
7	Course Viva-Voce
8	Course Internship

1. Moot Court Exercise and Court Visit

Semester 10	Course 1	(25-273-1001)

Course Objectives

Moot courts are simulation exercises intended to develop advocacy skills in students. Through this course, it is intended to impart practical skills of research, case analyses and strategy, witness handling, and presentation of arguments at the trial and appellate stages of a case. The course shall include moot courts, mock trial, court visit, chamber visit and viva voce. The course exposes the students to the system of administration of justice through court visits and chamber visits.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Articulate and communicate logical and legal arguments	Create
CO2	Develop analytical, research, writing and public speaking skills.	Apply
CO3	Learn the skill of doing client interview, preparing a case and conducting trial in courts and other judicial forums.	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	3	3
CO2	3	2	3	2
CO3	3	3	3	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Moot Court Exercise (30 marks)

The course teacher will assign three moot court problems to the students and they have to work on all three problems assigned. Students should prepare written submission and present arguments in a moot court setting. Written submission, judgment and oral arguments shall carry 5 marks each. Each student will prepare a case only on one side. The memorial specification given by course teacher should be strictly followed. The oral performance will be evaluated on the basis of communication skills, application of facts, persuasion, use of authorities, and response to questions.

Module II: Mock Trial and Case Analysis (30 marks)

The students are required to do the mock trial and case analysis of two cases, one civil and one criminal. Each student will be required to function as lawyer and witness in the mock trial simulated in the classroom. Case analysis, written submission, examination-in-chief, cross-examination, performance as witnesses and final arguments shall carry 5 marks each.

Module III: Chamber visits (15 marks)

Chamber Visit- Every student shall attend a practicing lawyer's office. The lawyer should have a minimum of 10 years standing at the Bar. A minimum of two hours are to be spent daily with the lawyer observing client dealings, drafting, conducting fact investigations, etc., for at least twenty-four days in the semester. At the end of the chamber visit, a certificate confirming the student's attendance at the lawyer's office will have to be produced.

In the chamber visit they are required to do and record the following:

- a. Draft minimum of two documents in an ongoing case.
- b. Read minimum four case files to learn how files are prepared and maintained.
- c. Learn how to maintain records and accounts.
- d. Do legal research in at least two cases.
- e. Observe client interview and counselling with the permission of the lawyer and client in at least two cases.

Module IV: Court Visit and Record (15 Marks)

Court Visit- During the court visit, the students shall observe the trial of one civil and one criminal case. Students may be required to attend two trials in the course of the last two or three years of LL.B. course. They will maintain a record and enter the various steps observed during their attendance on different days in the court assignment. They should maintain a record and write a report of their observation of the following stages:

- a. Framing of charge or issue
- b. Examination in chief
- c. Cross Examination
- d. Final arguments

Court Visit Record- Students are required to maintain a record of their field visit and work done during court visit. Each student will observe two interviewing sessions of clients at the Lawyer's Office/Legal Aid Office, the preparation of documents and court papers by the Advocate and the procedure for the filing of the suit/petition. This will be documented in a record book, which will carry 15 marks. The record should contain two parts:

1. Information about work done during court visit
2. Two legal documents examined during court visit

The record shall be an integral part of the course and it will be evaluated in terms of reflection about the learning experiences of the student. The record must be written in their own words. If two or more students are found to have copied each other's work, both/all the students who are found to have copied will be given zero marks for the work.

Module V: Viva Voce: (10 Marks)

The last component of this course will be a Viva - voce on all the above three components. The viva-voce shall be conducted by a panel of internal and external expert.

References

1. Dr.Kailash Rai, Moot Court, Pre - Trial Preparation and Trial Proceedings and Viva - Voce, Asia Law House, 2018.
2. John Korzen, Make Your Argument: Succeeding in Moot Court and Mock Trial, Kaplan Publishing, 2010.
3. Dr.Kailash Rai, Moot Court - Pre-Trial Preparations and Participation in Trial Proceedings, Central Law Publications, 2015.
4. David Pope & Dan Hill, Mooting and Advocacy Skills, Sweet and Maxwell, 2011.
5. Abhinandan Malik, Moot Courts & Mooting, Eastern Book Company, 2015.
6. NR Madhava Menon, Clinical Legal Education, EBC, 1998.

1	Law on Democracy and Elections in India
2	International Humanitarian and Refugee Law
3	Land Utilization Law
4	Disability Law
5	Law Relating to Armed Forces
6	Law Governing Scientific Research
7	Law of Co-operative Societies
8	Private International Law
9	Science, Technology and Law

Law on Democracy and Elections in India

Semester 10	General Elective	(25-273-1002)

Course Objectives

This course is designed to discuss and study the law pertaining elections in India. The central focus of this course is on the complex interaction between the democratic process on one side and the legal framework which promotes democracy in India. This course is designed to develop critical thinking about the law of democracy and the electoral process in India. Election in any democracy need to be free and fair and the course will enable the student to analyse the fairness of democratic process in India.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the electoral system in India and its functioning	Understand
CO2	Evaluate the framework of the law of democracy and elections in India.	Evaluate
CO3	Analyse the democratic process in India with a special focus on the electoral process in India.	Analyse
CO4	Analyse the constitutional guidelines and judicial pronouncement with regard to the democratic process as well as the electoral process in India.	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	2	3	2	1
CO2	1	3	2	1
CO3	2	2	3	1
CO4	1	3	2	1

1-Low Correlation

2-Medium Correlation

3-High Correlation

Module 1: Evolution of the law of Democracy in India

Democracy - Historical underpinnings- formation of a democratic society- different forms of democracy- democratic institutions. Law and Democracy- democracy and modern state- constitutional democracy in India- Self-determination and elections- Concept of State-Relevance of participatory government- Direct democracy

Module II: Democracy and Elections in India

Elections in democracy- Free and Fair Elections - Indian and International Standards- Democratic Bodies and their Functions- Representation and Election- Parliaments as Representative bodies- Political Parties and Elections- Challenges to Indian Democracy- Presidential elections- Election to upper house of the Parliament and Legislative Councils

Module III: Election and Electoral System in India

Electoral Cycle-Election Commission of India-Managing Elections in India. Constitutional provisions with regard to elections- Basic Structure- Democracy -Conduct of Elections- Right to Vote- Universal suffrage in India. Participation in Democracy- access to electoral rolls- right to contest elections. Corrupt Practices in Election- Electoral offences-qualification and disqualification in elections- Defection and its remedies-Decriminalisation of politics- Women participation in Elections- Right to vote and citizenship.

Module IV: Electoral Politics in India

Role of Media in Elections- Paid Media. Role of technology in democratic life-Influence of Caste, Religion and Hate Speech - Electoral Bonds and its regulation-Political Funding of Elections- Electoral Politics in India- Delimitation of Constituencies- one person one vote.

Module V:Judicial Approach to Elections and the role of Election Commission

Judicial Approach to Elections- Election petitions and its limitations- Judicial surveillance of Elections and Electoral System in India- Judiciary as the *Sentinel on the qui vive* for the conduct of elections- Judicial engagement with electoral reservations in India- Constitutional Courts as protectors of democracy and free and fair election.

Reference

1. Samuel Issacharoff, et al., The Law of Democracy: Legal Structure of the Political Process, Foundation Press, 2001.
2. Democratic Constitutionalism in India and the European Union, Comparing the Law of Democracy in Continental Polities, Elgar : 2021
3. Rajni Kothari, Rethinking Democracy , Orient Longman: 2005
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12. Udit Bhatia (ed), The Indian Constituent Assembly: Deliberations on Democracy Routledge, 2018
13. PJ Emerson, Defining Democracy: Voting Procedures in Decision-Making, Elections and Governance, Springer, 2012
14. Dipankar Gupta, From 'people' to 'Citizen': Democracy's Must Take Road ,2018
15. Teresa Joseph and Siby K Joseph, Deliberative Democracy: Understanding the Indian Experience, 2018
16. John Locke and Mark Goldie, Two Treatises of Government , Dent, 1998
17. Alexis de Tocqueville, et al., Democracy in America, University of Chicago Press, 2000.

International Humanitarian and Refugee Law

Semester 10	General Elective	(25-273-1003)

Course Objectives

The primary objective of the course is to give insights about the main principles of international humanitarian law. It discusses the main issues in international humanitarian law. It enumerates the rights of prisoner of war and the role of international courts in providing redress to them. It helps the students to understand the problems in national implementation of humanitarian law.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the scope and extend of international humanitarian law	Understand
CO2	Analyse Human rights issues concerning prisoners of war and refugees.	Analyse
CO3	Appraise challenges in implementation of humanitarian law	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	2	2	2	1
CO2	2	3	2	2
CO3	3	2	3	2

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Contents**Module I: Introduction**

Scope and extent of International Humanitarian Law –Origin of IHL- Sources of IHL-Use of force and IHL - Conflict status and Combatant status-Protection of Combatants in sea and land-Linkages between international Human rights law - IHRL, International humanitarian law-IHL and International refugee law-IRL.

Module II: Armed Conflict

Classification of Armed Conflict- Commencement and Termination of Hostilities-Rights and obligations of prisoners of war-Non- International armed Conflict -War Crimes-Terrorism – War tribunals-International Criminal Law-Protection of women, children and other vulnerable

groups.

Module III: Protection of Civilians and Objects of Cultural Importance

Protected Persons- Civilian objects- Protected objects and property- Cultural Objects- Protection of natural environment- Enemy Property.

Module IV: Refugees

Refugee-Determination of refugee status- UN Convention - International mechanisms for the protection of refugees- Refugee and Migrant- Rights of Refugees- Non-refoulement-Gender related Persecution-Climate Refugees-Refugees with special needs-Exclusion and Cessation of Refugee status-Asylum-Statelessness.

Module V: National Implementation of IHL

National Implementation of International Humanitarian Law-Minimum Standards for Reception conditions -Response of national laws and national courts-Regional refugee protection frameworks- SAARC.

References

1. Marco Sassoli, International Humanitarian Law, Edward Elgar Publications, 2019.
2. A.G.Noorani,(South Asian Human Rights Documentation Centre),Challenges to Civil Rights Guarantees in India (Oxford University Press,2012).
3. V.S.Mani (Ed). Handbook of International Humanitarian Law (Oxford University Press,2007).
4. James C. Hathaway, The Rights of Refugees Under International Law, Cambridge University Press,2005
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11. Frances Nicholson and P.Twomey, Refugee Rights and Realities: Evolving International Concepts and Regimes, Cambridge University Press,1999.

Land Utilisation Laws

Semester 10	General Elective	(25-273-1004)

Course Objectives

The course seeks to explore the need and objectives of land use controls. It discusses the environmental issues relating to land use pattern. It enables students to get an overview of various laws governing land use, land acquisition and land reforms. It also helps to have an idea on the international norms on land use planning.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Appreciate the laws governing land use pattern.	Evaluate
CO2	Analyse environmental issues related to land utilization.	Analyse
CO3	Explain international norms on land use planning	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	2	2	3	2
CO2	3	2	3	3
CO3	2	3	2	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Introduction to Land Use Laws**

Land use control –Objectives of land use planning and controls –Constitutional Perspectives- Land Management and Improvement of Land Quality-Land use conflicts.

Module II: Environmental Issues in Land Use

Environmental issues relating to land use pattern– Zoning legislations and the environmental concerns- Paddy field reclamation -Wetlands – Costal Regulatory Zones- Reclaimed lands - Development Controls- Mining Controls.

Module III: Urban Land Use

Town Planning -Sanitation- Building regulations-Solid waste Management-Mobility Planning- Regional Connectivity-Roads and railways - Land Pooling schemes- Squatter Settlements.

Module IV: Land Acquisition and Land Reforms

Law relating to Land Acquisition – Agricultural Land Ceiling- Urban Land Ceiling- Land reforms in Kerala- Law relating to Alienation and Assignment of land in Scheduled areas.

Module V: International Practice on Land Use

International norms on land use and urban planning- International guidelines on territorial planning- sustainable urban development- Inclusive cities- Inclusive governance.

References

1. Barlow Burke, The Law of Zoning and Land Use Controls, Lexis Nexis, 2013.
2. Law Relating to Land Acquisition, Rehabilitation and Resettlement, Taxmann, 2014.
3. PK Sarkar, Law of Acquisition of Land in India, Eastern Law House, 2012.
4. Robert Ellickson, Land Use Controls – Cases and Materials, Wolters Kluwer, 2013.
5. A. Gangadharan, Law of Land Reforms in Kerala, Travancore Law House, 1976.
6. SK Kulshrestha, Urban and Regional Planning in India, Sage publishers, 2012.
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8. K Sambasivan, Disparities of Urban Land Values and Shift in Land Use, Lambert Publishing, 2012.
9. Allen Abranson, Land Law, Environment and Mythical Land, 2000.
10. George Johnson, Law of Land Reforms in Kerala, EmTeem Publications, 2008.

Disability Law

Semester 10	General Elective	(25-273-1005)

Course Objectives

This course enables the students to learn the problems faced by the disabled people and to identify the laws for the protection of disable populations is the main objective of this course. It will also help the students to analyse the competency of the laws internationally and nationally for addressing the rights of the disable population. The course aims at motivating the students to act with social commitment for the protection of the rights of the disabled populations and will make them to acquire expertise over the laws governing disabled people. Socially committed advocates will be able to help associations and NGOs on legal issues faced by disabled populations.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the problems faced by disabled persons and the legal framework for protection of disabled persons	Understand
CO2	Develop expertise among lawyers in the area of disability law	Apply
CO3	Assist or advice the government and policy makers for improving laws and policies for disabled people.	Apply

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	12	3
CO2	3	2	1	3
CO3	3	2	2	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Disability – Meaning and Content**

Disability question in jurisprudence discourse— Disability its meaning and kinds- Constitutional Values and Disability law - Equality– justice – welfare models.

Module II: Human Rights of Disabled

Human Rights approach to disability –UN Documents- Convention/Declaration on the Rights of Disabled Persons- Principles for the protection of persons with mental illness and Improvement of mental health care – Legal framework on disability in India- Rights of the Persons with Disability Act-Mental Health Care Act- Rehabilitation Council of India- RCI Act.

Module III: Medical Decisions making and The Disabled

Medical decision making by disabled persons- judicial responses - UK and US comparative position.

Module IV: Discrimination of Disabled

Disability - marginalization - oppression and discrimination - Accessibility to built environment and transport

Module V: Right to Education and Employment of Disabled

Access to education - Equality of opportunity in employment – vulnerability to violence.

References

- 1 Dr. G.N. Karna, United States and Rights of Disabled Persons: A Study in Indian Perspective, A.P. H. Publications, 1999.
- 2 Jayna Kothari, The Future of Disability Law in India, Oxford University Press, 2012
- 3 Anna Arstein (Ed.), Disability Human Rights Law, MDPI, 2018
- 4 Marck C. Webber, Understanding Disability Law, Lexis Nexis, 2012.
- 5 Jayna Kothari, The Future of Disability Law in India: A Critical Analysis of the Persons With Disabilities: Oxford University Press, 2012
- 6 Coomara Pyaneandee, International Disability Law: A Practical Approach to the United Nations Convention on the Rights of Persons with Disabilities, Routledge, 2018.

Law Relating to Armed Forces

Semester 10	General Elective	(25-273-1006)

Course Objectives

The course gives a basic understanding on the defence laws of the nation. The course enables the student to analyse the different types of military offences and how the Court-martial system operates. The course throws light on the various legislative and constitutional protection given to Armed force and their liabilities/obligations.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Acquire knowledge of armed forces law	Understand
CO2	Get insights about court martial proceedings	Understand
CO3	Analyse rights, duties and functions of armed personnel and restrictions on their freedom	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	3	1
CO2	3	1	3	2
CO3	2	3	2	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Historical Background of Military Law**

Origin and development of Indian military Law- Discipline and Justice- International legal framework on military laws- trial of prisoners of war.

Module II: Indian Military Laws

Army Act, Navy Act and Air Force Act.

Module III: Military Offences

Military Offences and punishment- Features of Military Court.

Module IV: Court Martial System

Court Martial System-Role of prosecutors-judge–evidence system-evolution of court martial system

Module V: Military Laws - Comparative Position

Martial law – Constitutional position-special powers to armed forces and acts of indemnity-comparison UK, USA-Judicial response to military interventions

References

1. Dr. D.C. Jain, Military Law in India, 1984
2. Col. G.K. Sharma, Study and Practice of Military Law, 2019
3. Maj.Gen. Nilenderakumar, Law Relating to Armed Forces in India, Universal Law Publication, 2005.
4. Uma Prasad T., Military History India, Rupa, 2018.
5. U. C. Jha, A Handbook of Military Law, Vij Publications, 2013.

Law Governing Scientific Research

Semester 10	General Elective	(25-273-1007)

Course Objectives

The course provides the base for understanding the niche areas of interface between law and scientific research. It provides an overview of the contemporary developments in the area of scientific research and the existing national and international norms for the same. It delves into ethical, legal and social issues and challenges in different types of scientific research.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Familiarize with the contemporary developments in the areas of scientific research and law	Understand
CO2	Equip the students to handle technology based litigations	Apply
CO3	Appreciate the legal and ethical issues involved in scientific research	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4

CO1	3	2	3	1
CO2	3	1	3	3
CO3	2	3	2	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Scientific Research and their Different Forms

Aspects of Scientific research – Constitutional Values and Scientific Research-- Incentives for research - Monopoly for outcome of research - Research for Community interest - Agricultural and Horticultural Research.

Module II: Legal Response to Marine and Space Research

Marine Scientific Research and Atmospheric - space research - Limitations under Customary international law - UNCLOS III Provisions - Research in inland waters, territorial sea, Economic Zone, Continental Shelf and High sea, weapon testing in sea-NTBT and Law of the sea- Research in outer space and atmosphere.

Module III: Human Subject Research: Legal and Ethical Concerns

Research on Human subjects - Types of research – Embryo research and Human genetics for research - research ethics committees and license requirements- Bioethics-Robotics - Blockchain - Consent to research - Confidentiality in health care research – Informed Consent- Problems of applied research –prenatal diagnostics, HIV diagnosis.

Module IV: Pharmaceutical Research and the Law

Research relating to Drugs and Pharmaceutical products – New Drug licensing - Clinical trials guidelines by WHO – European Convention - Drug licensing procedures in India, U.K. and U.S.A.

Module V: Biological Resources and Scientific Research

Research on Biological Resources- International and National Approaches -Protection of animals in research- Biotechnological research - Rules relating to DNA research, guidelines by Bio Safety Commission - Cloning of Human beings-Human rights and ethical issues.

References

1. John de la Mothe (Ed.), Science, Technology and Governance, Cassell, London,1999
2. World Drug Report, UN International Drug Control Programme.
3. Casino Marco Mazzoni, Ethics and Law in Biological Research, Kluwer Law International,2002
4. Ted Peters, Playing God? Genetic Determinism and Human Freedom, Routledge, 2014
5. Michael Freeman (Ed.), Science in Court, Routledge,1998
6. Ziman, The World of Science &the Rule of Law,OUP,1986

Law of Co-operative Societies

Semester 10	General Elective	(25-273-1008)

Course Objectives

The course aims to provide an understanding about the concept of cooperatives- society. It enables to acquire knowledge about the evolution of the concept and imparting information about the historical development of co-operative Societies. It aims to acquaint the students with relevant provisions of the Co-operative Societies Act, 1969 and illustrating the structure and functioning of the Co-operative Societies. It also aims discussion on the procedures relating to settlement of disputes, winding up and amalgamation procedure.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Appreciate the advantages of forming a co-operative society	Analyse
CO2	Understand the structure & composition of a co-operative society	Understand
CO3	Explain legal formalities regarding the formation, functioning, winding up & dissolution of a co-operative society	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	2	3	3	2
CO2	3	2	3	3
CO3	2	3	2	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Evolution and Historical Development of Co-operative Societies**

The concept of co-operation–definition, nature, values, objectives and principles- history and development of co-operatives –association and enterprise characteristics- different types of co-operatives - classification of co-operative societies-departmental set up.

Module II: Co-operative Societies Law

Selected provisions of Kerala Cooperative Societies Act–Registration- cancellation and suspension of registration- Powers of Registrar-amendment of byelaws -amalgamation and division-members-rights and liabilities

Module III: Composition, Powers and Privileges of Co-operative Societies

Management of societies– General body, Board of Directors, Chief Executive Officer–powers, election and nomination –privileges of societies

Module IV: Management of Funds

Properties and funds of societies-disposal of net profit-cooperative education fund- maintenance of fluid resources

Module V: Enforcement Mechanism and Winding Up

Audit of societies-settlement of disputes-execution of awards & decrees - winding up and dissolution of co-operative societies- liquidator, powers and liquidation procedure.

References

1. Sugathan, Law Relating to Co-operative Societies in India.
2. T.R.Sreenivasan, Law and Practice of Co-operative Societies in India, Law Book Company, 1968.
3. Mohanan.P.N., Co-operative Laws in Kerala with Allied Laws, Kerala State Publication.
4. Bedi R.D, Theory, History & Practice of Cooperation, Loyal Book depot, Meerut, 2001.
5. Manuraj S, The Co-operative Societies Act and The Co-Operative Societies Rules of Kerala, APT Academy Kottayam, 2019
6. S Parameswaran, Law Relating to Societies Registration, Universal Law Publishing, 2017

Private International Law

Semester 10	General Elective	(25-273-1008)

Course Objectives

The objective of the course is to kindle academic interest in Private International Law so as to benefit future legal practice and further pursuit of legal studies. The entire gamut of Indian and English Private International Law, the theories and rules which are in consonance with the need of our contemporary society and modern thought will be the principal focus of this course.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Familiarize with legal terms, significant theories, and basic legal rules and principles of Private International Law	Understand
CO2	Analyse the different personal laws in relation to problems that arise when courts are dealing with persons domiciled in India with foreign nexus	Analyse
CO3	Address legal issues of persons living abroad in contracts, trade and cross border investment	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	2	2	1	2
CO2	1	2	3	2
CO3	2	3	2	1

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents**Module I: Introduction to Private International Law**

Nature and scope of private international law – Theories and fundamental concepts - Codification of Private International Law – Distinction between Public International Law and Private International Law - Choice of Law – Renvoi – Concept of Domicile

Module II : Jurisdiction

Jurisdiction involving foreign elements – persons – status and capacity - Jurisdiction over Corporations – Forum shopping – Forum non-convenience – Anti-suit injunctions

Module III: Family and Property Law

Family Law matters - validity and effect of marriage - divorce - legitimacy - adoption – Recognition of Foreign Adoptions - Adoption by foreign Parents - guardianship and maintenance - property - transfer - succession - administration of estates.

Module IV: Contractual Relations and Tortious Liability

Contract – formation – Interpretation - Illegality and discharge – Torts – Double Action ability rule – Insolvency Jurisdiction and effects of foreign insolvency proceedings.

Module V: Foreign Judgment, Decrees and Awards

Foreign judgment – Recognition - Procedure and evidence – Stay of Proceeding – Proof of foreign law – Enforcement of foreign judgments, decrees and Foreign Arbitral Awards

References

1. R.S. Chavan, Indian Private International Law, Sterling Publishers Pvt. Ltd.,1982.
2. Dicey A V & Morris J H C Conflict of Laws (Sweet & Maxwell2018)
3. North and Fawcett, Cheshire and North's Private International Law, OUP2017
4. Abba Mayss, Principles of Conflict of Laws, 3rd ed. Cavendish Publishing Ltd., U.K., 1999.
5. John O'Brien, Smith's Conflict of Laws, Cavendish Publishing Ltd., U.K.,1999.
6. Atul M. Setalvad, Conflict of Laws, Lexis Nexis, Nagpur,2009
7. Paras Diwan and Peeyushi Diwan, Private International Law, Deep and Deep Publications, Delhi,1998.
8. V. C. Govindaraj, The conflict of Laws in India, Oxford University Press,2019

Science, Technology and Law

Semester 10	General Elective	(25-273-1010)

Course Objectives

This course aims at critically evaluating the challenges for Law in the wake of scientific advancements and the resultant technologies. As science challenges a lot of conventional concepts, ethics and morality, Law has to create a balance between restricting the misuse of the same, while to allow its use for the welfare of mankind. This course aims at having a vivid idea of the international as well as national norms in this regard, having the human rights overtones as the basis.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the conflict between ethics, and morality on the one hand, and scientific advancement on the other and the role of Law in balancing them.	Understand
CO2	Develop the capacity to take a balanced approach in dealing with the conflict between ethics use of technologies	Apply
CO3	Analyse the legal and ethical issues in use of Artificial intelligence	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	2	2	1	2
CO2	1	2	3	2

CO3	2	3	2	1

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Science and Social Conflicts

Impact of science on society–Scientific Advancement and Constitutional Values–Role of law in balancing conflict between science and customary values- rule of social acceptance of norms.

Module II: Ethics in Scientific Research

Scientific research and its social implications-science and ethics-human and animal research- Bioethics - ethical and legal concerns- Privacy, autonomy, self-determination and other human rights in scientific research.

Module III: Scientific Advancements and Law

Science and problem of human civilization-application of scientific knowledge environmental hazards – Nuclear disaster-impact of scientific developments on environment-legal response– State liability- limitations by law.

Module IV : Biotechnology and Law

Problems raised by developments in biological sciences–knowledge in genetics and its social implications- regulation on research over human body materials- human body as property-implications - ethical problems in human genetics- judicial responses- patenting living organisms.

Module V: Artificial Intelligence and Law

Replacing human intelligence by artificial intelligence- Legal and ethical challenges- Artificial intelligence -Robotics- Block chain - Impact on socialization process and limitations- National and international legal measures.

Reference

- 1 Robin Feldman, Role of Science in Law, Oxford University Press, 2009
- 2 Rohan J. Hardcastle, Law and the Human Body- Property, ownership and control, Hart Publishing, 2009
- 3 Kevin D. Ashley, Artificial Intelligence and Legal Analytics: New Tools for the legal practice in the Digital Age, Cambridge University Press, 2017.
- 4 Joseph L. Daleiden, The Science of Morality: The Individual, Community, and Future Generations, Prometheus Publications, 1998.
- 5 Katri Lohmus, Caring Autonomy: European Human Rights Law and the challenge of individualism, Cambridge University Press, 2015.
- 6 Sarah Devaney, Stem Cell Research and the Collaborative Regulation of Innovation, Routledge Publishers, 2017
- 7 Rajeev Kuman Singh, Patenting of life forms: Ethical dimensions and judicial trends, Lap Lambert Academic Publishing, 2013
- 8 Dr. Gurmanpreet Kaur, Nuclear Policy and Law, Sathyam Law International, 2018.

- 9 ICRIER Health Policy Initiative, Challenges and Prospects for Clinical Trials in India: A Regulatory Perspective, Academic Foundaiton,2018
- 10 Russell Sandberg, Religion, Law and Society, Cambridge University Press,2014.

X th Semester B.Com LLB Special Electives (Any Three)

1	Competition Law
2	Law of Corporate Governance
3	Inter-State Trade & Commerce
4	Sports Law
5	Investment Law
6	International Commercial Arbitration

Competition Law

Semester 10	Special Elective	(25-273-1011)

Course Objectives

This course aims to develop a comprehensive understanding of competition law principles, legal doctrines, and their application in regulating market behavior. Students will enhance their analytical and critical thinking skills through the evaluation of complex issues related to collusion, abuse of dominance, merger control, and competition policy. Moreover, the course will foster research skills necessary for investigating and comprehending competition laws, comparative legal frameworks, judicial precedents, and legislative developments.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Demonstrate a comprehensive understanding of the basic concepts of competition law, including market types cartels, predatory pricing, and resale price maintenance.	Understand
CO2	Analyze the legal frameworks of competition law in the UK, US, and India	Analyse
CO3	Evaluate the regulation of anti-competitive agreements under the Competition Act.	Evaluate
CO4	Critically assess the regulation of abuse of dominant position in markets.	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	2	2
CO2	3	3	2	2
CO3	3	3	2	2
CO4	3	2	2	2

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Content**Module I :Introduction to Competition Law**

Basic Concepts –Customer and Consumer - Market – Types of Market - Perfect Market, Monopoly, Oligopoly and Monopsony - Cartel - Predatory Pricing - Resale Price Maintenance - Competition – Models of Competition - Competition Policy - Competition Law - Goals of Competition Law.

Module II : History and Development of Competition Law

History and Development of Competition Law - UK and US - An Overview of Legal Framework in USA – UK and EC Competition Law - History and Development of Competition Law in India - Constitutional vision of social justice - Sachar Committee, MRTP Act - Salient features and its amendment in 1991 - Liberalization and Globalization - Raghavan Committee Report - Competition Act - An Overview of Competition Law in India - Important Definitions under the Competition Act

Module III : Regulation of Collusion in the Market

Anti- Competitive Agreements under the Competition Act - Appreciable Adverse Effect on Competition in the Market - Determination of Relevant Market - Rule of Reason and per se Illegal Rule- Horizontal and Vertical restraints – Exemptions – Penalties - Prohibition of Anti-Competitive Agreements in EU, UK and US Laws.

Module IV : Regulation of Abuse of Dominant Position

Introduction - Dominance in the Market - Relevant Market - Effect on Competition in the Market - Abusive Conducts under Indian Law – Penalties - Prevention of Abuse of Dominance under EU, UK and US Laws.

Module V : Regulation of Combinations

Combinations: Merger, Acquisition, Amalgamation and Takeover - Horizontal, Vertical and Conglomerate Mergers - Combinations covered– Regulations – Penalties - Regulation of Combinations under EU, UK and US Laws - Controls over mergers amalgamation and takeovers – Competition Commission - Enforcement Mechanisms under the Competition Act- Competition Advocacy

References

1. Maher M. Dabbah, EC and UK Competition Law: Commentary, Cases and Materials, Cambridge University Press, 2010
2. Piet Jan Slot and Angus Johnston, An Introduction to Competition Law, Oxford and Portland, Oregon, 2017
3. Jonathan Faull and Ali Nikpay, The EC Law of Competition, University Press, 2014
4. T. Ramappa, Competition Law in India, Oxford University Press, 2016
5. Sandra Marco Colino, Competition Law, OUP, 2014
6. Abir Roy, Competition Law in India, Wolters Kluwer International, 2016
7. Richard Whish, Competition Law, Lexis Nexis, UK, 2003

8. Srinivasan Parthasarathy, Competition Law in India, Wolters Kluwer, 2017
9. VinodDhall, Competition Law Today: Concepts, Issues, and the Law in Practice, OUP, 2019
10. Dr. Aneesh V. Pillai (ed.), Short Notes on Competition Law in India, Regal Publications, New Delhi, 2017.

Law of Corporate Governance

Semester 10	Special Elective	(25-273-1012)

Course Objectives

This course aims to cultivate a profound understanding of corporate governance principles, legal frameworks, and ethical considerations in business management and shareholder relations. Students will enhance their analytical and critical thinking skills by evaluating complex issues surrounding corporate governance, including regulatory compliance, board effectiveness, and stakeholder management. Furthermore, the course aims to develop research skills essential for exploring and comprehending corporate governance laws, comparative governance practices, case studies, and evolving regulatory frameworks.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Demonstrate a comprehensive understanding of corporate governance models	Understand
CO2	Analyze the role of corporate governance rules	Analyse
CO3	Evaluate the governance structure of companies, including the composition of boards of directors, roles and responsibilities of directors	Evaluate
CO4	Appreciate investor protection measures and analyze specific corporate governance issues.	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	3	2
CO2	3	3	2	3
CO3	3	3	3	2
CO4	3	3	2	2

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Contents

Module I: Introduction to Corporate Governance

Models of corporate governance- Separation of ownership and control- Agency Problem-Conflicts of interests- Shareholder and Stakeholder theory- Expert Committees on Corporate governance - Comparative Corporate Governance- Convergence in Corporate Governance.

Module II: Sources of Corporate Governance Rules

External and internal rules of governance-MOA/AOA- Shareholder agreements-Legal operation of corporate governance rules- Alteration of internal rules- Listing obligations and requirements- Disclosure Requirements- Role of Stock Exchanges, SEBI.

Module III: Governance Structure of Companies

Composition of board of directors- Position of Directors-Distribution of power among corporate organs-Powers and duties of directors -Categories of directors- Board diversity -Board Processes - Board Committees – Appointment and removal of directors-Controls over executive remuneration.

Module IV: Investor Protection

Rights of Shareholders-Shareholder meetings- Shareholder Engagement methods-Control over abuse of power by directors- Inspection and Investigation into affairs of company- Role of auditors-Protection of Minority Shareholders- Derivative action- Remedies against oppression and mismanagement.

Module V: Specific Corporate Governance Issues

Corporate Governance issues related to ownership patterns - Corporate Governance in Family businesses-Governance issues in small and medium enterprises, start-ups- Governance in Public Sector Units- Government Companies-Institutional Investors - Vigilance mechanism- protection of whistle blowers.

References

1. Bob Tricker, Corporate Governance, Oxford, 2018.
2. Thomas Clarke, International Corporate Governance-A Comparative Approach, Routledge, 2017.
3. Gower and Davies, Principles of Modern Company Law, Sweet and Maxwell, 2016.
4. Jean Du Plessis and Umakanth Varottil, Globalisation of Corporate Social Responsibility and its Impact on Corporate Governance, Springer, 2018.
5. Mike Wright[Ed], The Oxford Handbook of Corporate Governance, Oxford, 2013.

6. Farrar and Hanrahan, Corporate Governance, Lexis Nexis, 2014.
7. Joseph A. Mc Cahery and Vermeulen, Corporate Governance of Non-Listed Companies, Oxford, 2008.
8. Stephen Bainbridge, The New Corporate Governance Theory and Practice, Oxford, 2008.
9. Thomas Clarke, Theories of Corporate Governance, Routledge, 2004.
10. Brain Cheffings, Company Law, Theory, Structure and Operation, Clarendon Press, 1997.
11. Luc Thevenoz and RashitBahar (Eds), Conflict of Interest: Corporate Governance and Financial Markets, Kluwer Law International, 2007.
12. Brain R Cheffings, Corporate Ownership and Control, Oxford, 2008
13. DD Prentice and PRJ Holland, Contemporary Issues in Corporate Governance, Clarendon Press: Oxford, 1993.
14. Luis Corriea, Dividend Policy and Corporate Governance, Oxford, 2004.

Inter-State Trade & Commerce: Comparative Study

Semester 10	Special Elective	(25-273-1013)

Course Objectives

The course aims to develop a comprehensive understanding of the free flow of trade across state boundaries and the restrictions and regulations that can be imposed. To recall the origin and object of incorporation of provisions relating to trade, commerce and intercourse in the Indian Constitution and to distinguish between the provisions relating to trade, commerce and intercourse under the Indian Constitution and Australian Constitution. The course is intended to give a comparative insight into the Commerce Clause under the U.S Constitution with reference to the provisions of trade, commerce and intercourse in Indian Constitution.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Explore the constitutional framework, judicial interpretations and practical application of the provisions relating to interstate trade and commerce	Analyse
CO2	Explain the purpose and significance of the constitutional provisions related to interstate trade & commerce	Evaluate
CO3	Illustrate the interplay among various constitutional provisions involving interstate trade & commerce.	Evaluate

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	2
CO2	2	3	2	3
CO3	2	3	3	2

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Contents**Module I: Introduction to interstate trade and commerce**

Concept of Interstate trade and commerce – Significance of free trade and Commerce-Evolution of the provisions of interstate trade and commerce- Federalism- Cooperative Federalism.

Module II: Commerce Clause under the US & Australian Constitution

Definition of Commerce Clause under US Constitution- Analysis of the Commerce clause in Australia- Judicial interpretations of Commerce clause- Commerce clause and Federalism- Interstate trade and commerce under Australian Constitution

Module III: Interstate Trade and Commerce under Indian Constitution

Constitutional History- objective of the provisions in the Indian Constitution- distinction between the provisions of the Australian Constitution and the Indian Constitution

Module IV: Restrictions on Trade and Commerce

Distinction between Article 19(1) (g) and Article 301- dimensions of Article 19(1) (g) and Article 301- Power of the Parliament to impose restrictions- restrictions on legislative powers- restrictions on the power of state legislatures- judicial interpretations.

Module V: Inter-state Trade & Commerce and Federalism

Powers Conferred by Legislative entries and Tax laws- Harmonisation and facilitation of Interstate trade and Commerce in Federal set up- GST.

References

1. M.P. Jain, Indian Constitutional Law, (Vol 1 & 2) LexisNexis, 2022.
2. H.M. Seervai, Constitutional Law of India, Universal Publishing Co;

3. Alfred H. Kelly, The American Constitution, W.W. Norton & Co., New York, 1963
4. D.D. Basu, Shorter Constitution of India. (Vol.1 & 2) ,2021
5. V.D. Sebastian, Indian Federalism: the Legislative Conflicts,1985

Sports Law

Semester 10	Special Elective	(25-273-1014)

Course Objectives

This course is intended to provide an idea about the legal framework governing professional sports industry. This course also provides an insight about the commercial and contractual aspects of sports law. It also helps students to understand the role of sports associations, agents, regulatory authorities and other stakeholders in sports industry.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand fundamental principles of law governing sports industry.	Understand
CO2	Appreciate the legal issues faced by sports persons and other stakeholders	Evaluate
CO3	Analyse the commercial aspects of sports law.	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	2	2	3
CO2	3	2	2	3
CO3	3	1	2	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Introduction to Sports Law

Growth of sports industry-Sports contracts- Legal rights and Duties of Sportspersons-Mercandising contracts-Agency Contracts-Sponsorship rights- Membership rights- Business and Trade in Sports- Professional Associations-Sports Leagues- - Sports Insurance – Sports Franchise

Module II :Sports & Intellectual Property Rights

Sporting Equipment's- Technical advancement- Role of patents- Branding Sports-Personality Rights-Trademarks and Designs-Licensing and Sponsorship issues involving IP-Ambush Marketing-Trade Secrets.

Module III: Media Rights in Sports

Broadcasting rights- TV and Digital Rights- Signal Piracy- Streaming Platforms- Advertisement Rights

Module IV: Sports Regulation and Governance in India

Employment and Recruitment: Legal Compliance- Health, safety and Risk Management- Regulation of Agents- Liability and Compensation in Sports- Role of Regulatory Authorities- Anti competitive Agreements- Spot Fixing- Doping-Sports Gambling –Human Rights issues in sports world.

Module V: Dispute Resolution in Sports

Commercial Disputes and Disciplinary disputes- Arbitration-Court of Arbitration for Sports (CAS) - Sports Arbitration Centre of India (SACI) – Resolution of IP related disputes- Negotiation- Mediation- Collective Bargaining.

References

1. Ray Yasser, Sports Law Cases and Materials , Carolina press, 2020
2. Nafziger and Gauthier (Ed), Handbook on International Sports Law, Edward Elgar, 2022
3. Mitten, Davis, et al., , Sports Law: Governance and Regulation, Wolters Kluwer, 2020
4. Dasgupta & Sen (Ed.) Sports Law in India, Sage Publications, 2018
5. Mudgal and Singhania, Sports Law in India, Lexis Nexis, 2015
6. Cozzillio, Levinstein , et.al., Sports Law Cases and Materials, 2007

Investment Law

Semester 10	Special Elective	(25-273-1015)

Course Objectives

This course aims to cultivate a deep understanding of the substantive and procedural aspects of investment law. Students will enhance their analytical and critical thinking skills by evaluating complex investment law issues, including international investment agreements (IIAs) and investor-state dispute settlement (ISDS) mechanisms. Moreover, the course seeks to develop research competence by equipping students with the necessary skills to explore and comprehend investment laws, regulations, and international agreements.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the scope of investment law, differentiate between domestic and international investment, and analyze its historical evolution and legal framework.	Understand
CO2	Evaluate different types of international investment agreements (IIAs) and their substantive protections, including dispute settlement mechanisms.	Evaluate
CO3	Demonstrate understanding of investor-state dispute settlement (ISDS) mechanisms, including arbitration procedures and the analysis of ISDS case studies	Understand
CO4	Analyse contemporary issues in investment law, including environmental and social responsibility, transparency, accountability, and evaluate reform proposals and future trends	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	2
CO2	3	3	3	1
CO3	2	3	2	2
CO4	1	2	2	2

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Contents**Module I: Introduction to Investment Law**

Concept and Scope of Investment Law - Definition and importance in global economics
Distinction between domestic and international investment law - Historical Evolution - Early treaties and bilateral investment agreements (BITs) - Development of investor-state arbitration - Legal Framework - Investment Protection - Principles of fair and equitable treatment - Protection against expropriation and discrimination

Module II: International Investment Agreements (IIAs)

IIAs - Types and Characteristics - Bilateral Investment Treaties (BITs) - Multilateral treaties and regional agreements (e.g., NAFTA, ASEAN agreements) - Substantive Protections - Investment guarantees and obligations - Dispute settlement mechanisms (arbitration vs. national courts)

Module III: Investor-State Dispute Settlement (ISDS)

Introduction to ISDS - Purpose and evolution - Role of International Arbitration - Arbitration Procedures - Commencement of proceedings - Selection and appointment of arbitrators - Conduct of arbitral proceedings - Significant ISDS cases and their outcomes

Module IV: Contemporary Issues in Investment Law

Environmental and Social Responsibility - Balancing investment protection with sustainable development goals - Transparency and Accountability - Transparency in treaty negotiations and arbitral proceedings - Role of civil society and non-governmental organizations (NGOs) - Reform and Future Trends - Emerging trends in international investment law

Module V: National and International Investment Regulation

National Investment Laws - Regulatory frameworks and investment promotion agencies - Impact of investment treaties on domestic law - International Investment Organizations - Roles of ICSID, UNCITRAL, and other international bodies - Harmonization efforts and model laws

References

1. Rudolf Dolzer and Christoph Schreuer, *Principles of International Investment Law*, Oxford University Press, 2012
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10. Gus Van Harten, Investment Treaty Arbitration and Public Law, Oxford University Press, 2007
11. Constantinos Titi, The Effect of Treaties on Foreign Direct Investment: Bilateral Investment Treaties, Double Taxation Treaties, and Investment Flows, Routledge, 2013
12. Andrea Bjorklund, Investment Law and International Law, Edward Elgar Publishing, 2012
13. Surya Subedi, International Investment Law: Reconciling Policy and Principle, Hart Publishing, 2008
14. S. K. Mohanty, India's Model Bilateral Investment Treaty, LexisNexis, 2013

International Commercial Arbitration

Semester 10	Special Elective	(25-273-1016)

Course Objectives

This course aims to foster a comprehensive understanding of international commercial arbitration's substantive and procedural aspects. Students will enhance analytical and critical thinking skills by evaluating complex arbitration issues and case law. Additionally, the course aims to develop research skills necessary for exploring and understanding arbitration laws, rules, and practices.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand international commercial arbitration, differentiate it from other ADR methods, and analyze its historical and legal evolution, including relevant international conventions and national laws.	Understand
CO2	Demonstrate understanding of arbitration proceedings, including commencement, procedural issues, interim measures, enforcement and setting aside.	Understand
CO3	Evaluate arbitration agreements, including essential elements, enforceability, and related doctrines like separability and competence-competence.	Evaluate
CO4	Discuss contemporary issues in international commercial arbitration	Analyse

COs-PSO Mapping Table

	PO1	PO2	PO3	PO4
CO1	3	3	3	2
CO2	3	3	3	1
CO3	2	3	2	2
CO4	1	2	2	2

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Contents**Module I: Introduction to International Commercial Arbitration**

Concept and Definition - Distinctions between arbitration and other forms of ADR - Historical Evolution - Legal Framework - Overview of key international conventions (New York Convention, UNCITRAL Model Law) - National arbitration laws and their impact on international arbitration - Arbitration Agreements - Definition and forms of arbitration agreements - Essential elements and enforceability - Doctrine of separability and competence-competence

Module II: Arbitration Institutions and Rules

Major Arbitration Institutions - International Chamber of Commerce - London Court of International Arbitration - International Centre for Dispute Resolution - Singapore International Arbitration Centre - Hong Kong International Arbitration Centre - Arbitration Rules - Overview of institutional rules (ICC, LCIA, SIAC, etc.) - Ad hoc arbitration and the UNCITRAL Arbitration Rules - Appointment of Arbitrators - Criteria and procedures for selecting arbitrators - Independence and impartiality of arbitrators - Challenges and removal of arbitrators

Module III: Arbitration Proceedings

Commencement of Arbitration - Notice of arbitration and response - Initial procedural steps - Procedural Issues - Hearings and Post-Hearing Submissions - Oral arguments and examination of witnesses - Interim Measures: Types of interim measures (security for costs, preservation orders) - Jurisdiction to grant interim measures

Module IV: Arbitral Awards

Types of Awards - Final and partial awards - Consent awards and default awards - Form and Content of Awards - Essential elements of a valid award - Correction and Interpretation of Awards: Mechanisms for correction and interpretation - Additional awards - Enforcement and Setting Aside of Awards - Recognition and enforcement under the New York Convention - Grounds for setting

aside an award (domestic and international context) - Role of national courts in enforcement and annulment

Module V: Contemporary Issues and Future Directions in International Commercial Arbitration

Investment Arbitration -Overview of investor-state dispute settlement (ISDS) - Key instruments (ICSID Convention, BITs, Energy Charter Treaty) - Recent developments and criticisms - Third-Party Funding- Role and regulation of third-party funding in arbitration - Use of technology in arbitration proceedings (virtual hearings, e-discovery) - Impact of technology on efficiency and accessibility - Reform and Future Trends

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1. Albert Jan van den Berg (ed), *International Arbitration and National Courts: The Never Ending Story* (Kluwer Law International 2001)
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4. Emmanuel Gaillard and John Savage (eds), *Fouchard, Gaillard, Goldman on International Commercial Arbitration*, Kluwer Law International 1999.
5. Emmanuel Gaillard, *Legal Theory of International Arbitration*, Martinus Nijhoff Publishers 2010)
6. Gary Born, *International Arbitration: Law and Practice*, Kluwer Law International ,2015
7. Gary Born, *International Commercial Arbitration*, Kluwer Law International 2014
8. James H. Carter and John Fellas (eds), *International Commercial Arbitration in New York* Oxford University Press 2016
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10. Klaus Peter Berger, *International Economic Arbitration*, Kluwer Law International 1993
11. Loukas A. Mistelis (ed), *Concise International Arbitration*, Kluwer Law International 2015
12. Loukas A. Mistelis and Stavros L. Brekoulakis (eds), *Arbitrability: International and Comparative Perspectives*, Kluwer Law International ,2009
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14. Nigel Blackaby, Constantine Partasides, et al., *Redfern and Hunter on International Arbitration*, Oxford University Press 2015
15. Redfern and Hunter, *Law and Practice of International Commercial Arbitration* Oxford University Press, 2015
16. William W. Park, *Arbitration of International Business Disputes: Studies in Law and Practice*, Oxford University Press, 2012

VII. COURSE VIVA VOCE

The course viva- voce shall be conducted by a panel of three members including one external expert. Students should bring record of practical work and internship for Viva- Voce.

VIII. COURSE INTERNSHIP

Every student registered for the 5-year integrated LLB course shall complete a minimum of 20 weeks of internship during the course. The Department Council (DC) shall announce the period of internships for the academic year. The student shall comply with The Internship Rules, 2024 approved by SLS, CUSAT in compliance with the Bar Council of India (BCI) Rules of Legal Education, 2008. Students shall submit report and diary of internship on completion of each internship. Internship will be evaluated on a yearly basis by the faculty coordinators. Credits for internship will be awarded in the final semester based on consolidated marks of internship work done during the course.



Prof. N R Madhava Menon
Inter Disciplinary Centre for
Research Ethics and Protocol
(An Interuniversity Centre of Excellence)
Cochin University of Science and Technology – Kochi - 22

SCHEME AND SYLLABUS OF THE

Five Year B.Sc. LL.B. (Hons.) (Computer Science) Programme

(w.e.f. 2025 Admission)

FACULTY OF LAW

Cochin University of Science and Technology

Five Year B.Sc. LL.B. (Hons.) (Computer Science) Programme - Scheme and Syllabus 2025

Prof. N. R. Madhava Menon Interdisciplinary Centre for Research Ethics and Protocols (ICREP)
Cochin University of Science and Technology, Kochi - 22

Five Year B.Sc. LL.B. (Hons.) (Computer Science) Programme

Regulation for Five Year B.Sc. LL.B. (Hons.) (Computer Science) Programme (w.e.f. academic year 2025-26)

- ❖ This is an integrated degree programme in Law of interdisciplinary nature conducted by ICREP, CUSAT.
- ❖ The **Five Year B.Sc. LL.B. (Hons.) (Computer Science) Programme** shall consist of regular course of study for a minimum period of 10 semesters in five years after plus two.
- ❖ This programme may be conducted as a joint degree programme with any other University/ Higher Educational Institutions. Such a programme may be based on a memorandum of understanding between CUSAT and the concerned University/ Higher Educational Institutions. The course of study shall be by regular attendance at the requisite number of lectures, tutorials and practical training.
- ❖ The medium of instruction shall be English.
- ❖ Number of students to be admitted each year shall be decided and notified by the University from time to time.

1. Eligibility

A candidate who seeks admission to the programme shall have **passed Higher Secondary Examination conducted by the Board of Higher Secondary Examinations, Government of Kerala OR Senior School Certificate Examination conducted by the Central Board of Secondary Education OR the Indian School Certificate Examination (Class XII) conducted by Council for the Indian School Certificate Examinations, New Delhi OR any other examination accepted as equivalent with 50% marks in Mathematics or Computer Science as one of the subjects at the time of admission and a minimum of sixty-five percentage (65%) in aggregate, if they belong to the general category.** The relaxation in pass percentage marks for candidates belonging to SC/ST /SEBC communities will be decided by CUSAT through its orders from time to time.

2. Age Limit

The maximum and the minimum age for seeking admission into a stream of integrated Bachelor of law degree program, if any will also be determined by CUSAT through its orders from time to time.

3. Procedure for selection

- ❖ Admission to the course shall be made from the rank list prepared by CUSAT on the basis of the score obtained by the candidate in the Common Admission Test conducted by the CUSAT annually.
- ❖ In making selection for admission, the pattern of reservation prescribed by the University shall be followed.

4. Fee structure

A student shall pay the fees prescribed by the University from time to time.

5. Curriculum

The **Five Year B.Sc. LL.B. (Hons.) (Computer Science) Programme** curriculum shall consist of 18 compulsory courses in Computer Science, 2 courses in English, 26 compulsory courses in Law including 4 clinical courses and 14 optional courses in Law. Six of the elective courses shall be chosen and offered by the Centre from among the General Elective Courses or the student may opt the electives from any other law school which offers the elective but should be

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of equivalent credit. The other eight elective courses shall be chosen from Special Elective Groups viz., Cyber Law and such other groups introduced by the University herein /Bar Council from time to time depending upon the availability of infrastructural facilities. The Special group / electives offered for this course has been given herein.

6. Subjects

A. Compulsory Courses in Law: (22 Core Courses)

1. Administrative Law
2. Bioethics and Scientific Research
3. Civil Procedure Code and Limitation Act
4. Company Law
5. Constitutional Law – I
6. Constitutional Law – II
7. Consumer Protection Law
8. Environmental Law
9. Family Law – I
10. Family Law – II
11. General Principles of Contract (Law of Contract – I)
12. Jurisprudence (Legal Method, Indian Legal System and Basic Theory of Law)
13. Labour Law
14. Law of Crimes-I
15. Law of Crimes-II
16. Law of Crimes-III
17. Law of Evidence
18. Law of Torts and Motor Vehicles Accidents
19. Principles of Taxation Law
20. Property Law
21. Public International Law
22. Special Contracts (Law of Contract – II)

B. Compulsory Clinical Courses in Law:

1. Drafting, Pleading and Conveyance
2. Professional Ethics and Professional Accounting System
3. Mediation, Conciliation and Arbitration
4. Moot Court Exercise and Court Visit

C. General Elective Courses in Law:

1. Air and Space Law
2. Animal Protection Laws
3. Criminology, Penology and Victimology
4. Disability Law
5. Disaster Management Law
6. Forensic Science and Medical Jurisprudence
7. Healthcare Law
8. Human Rights Law
9. Intellectual Property Laws
10. International Humanitarian and Refugee Law
11. International Trade Law
12. Interpretation of Statutes
13. Land Utilization Law
14. Law and Medicine
15. Law Governing Scientific Research
16. Law of Co-operative Societies
17. Law of Local Self Government
18. Law of the Sea

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19. Law on Building and Engineering Contracts
20. Law Relating to Child
21. Law Relating to Ships
22. Law, Poverty and Development
23. Laws Relating to Agriculture
24. Laws Relating to Armed Forces
25. Marine Safety Law
26. Private International Law
27. Science, Technology and Law
28. Securities Laws
29. Women and Criminal Law

D. Compulsory Courses in Computer Science

i	With LAB	Semester
1	Programming with Python	I
2	Data Analytics	II
3	Object-oriented programming with Python	II
4	Data Structures and Algorithms	III
5	Database Systems	III
6	Cloud Computing	IV
7	Predictive Analytics	IV
8	Web Technology	IV
9	Deep Learning	VI
10	Natural Language Processing and Information Retrieval	VI
ii	Without LAB	
11	Fundamentals of Statistics and Introductory Probability Theory	I
12	Introduction to Computer Science	I
13	Discrete Mathematics for Computer Science	II
14	Artificial Intelligence	III
15	Ethics in Society and Computing	V
16	Software engineering	V
17	Cyber Security	VII
18	Computer science project/internship	VIII

E. Language

1. General English I
2. General English II

F. Special Electives

1. Artificial Intelligence and Law
2. Cyber Law and Ethics
3. Cyber security and Cyber Crimes
4. Data Protection Laws
5. Digital Forensics and Law
6. E-Commerce and Law
7. E-Governance and Regulations
8. Information Technology Law
9. IPR in Cyber Space
10. Fundamentals of Cyber Security and the Law

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11.Law, Legal Process and Cyber Space

7. Teaching Scheme

Every teacher shall prepare a teaching plan at the commencement of the course. The teaching plan shall contain the details of lectures, seminars, discussions, treatises and other materials relied upon by him or her for handling the classes which shall be participatory.

8. Examination

For each course, there shall be University Examination at the end of each semester.

The evaluation of students in a course shall have two components:

- Evaluation through a Semester-end examination and
- Continuous evaluation by the course teacher(s).

Candidates having attendance not less than 70% in each paper and 75 % in aggregate shall alone be admitted to the end semester examination.

For each written paper carrying 100 marks, 50% shall be set apart for internal assessment and 50% marks for the end semester examinations. Internal assessment shall be made on the basis of overall performance during the semester such as regularity of attendance, preparation and presentation of assignments, test paper scoring and class room participation etc. The scheme for internal evaluation may be decided by the Centre based on university rules.

- ❖ The performance in practical training papers shall be assessed internally.
- ❖ The Continuous Assessment for theory courses without lab shall be as follows:

Continuous Assessment for courses without Lab	Marks (50)
Periodical Test Papers	15
Written Assignment	10
Presentation	10
Attendance	5
Class Participation	10

- ❖ The Continuous Assessment for courses with lab shall be as follows:

Continuous Assessment for courses with Lab	Marks (50)
Test Papers	15
Attendance	5
Lab	30

- ❖ A candidate who is registered and or is entitled to be presented for the examination in a semester shall be entitled to pursue the studies for the next semester of the course.
- ❖ **Course Internship:** Each registered student shall have completed an Internship of minimum of 20 weeks during the entire period of legal studies under NGO, Trial and Appellate Advocates, Judiciary, Legal Regulatory authorities, Legislatures and Parliament, Other Legal Functionaries, Market Institutions, Law Firms, Companies, Local Self Government, software companies and other such bodies as the University shall stipulate. Every student needs to maintain an authorized

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internship diary for the entire period of study reporting the internship work done. 2 Credits will be given for Internship. Course Internship will be evaluated on a yearly basis by a board consisting of two internal examiners. The student shall submit the internship report and diary after completion of each internship. The student shall comply with the Internship rules issued by the Hon. Director from time to time in compliance with the Rules of Legal Education 2008, Bar Council of India (BCI). The internship shall be evaluated for a total of 100 marks by a board of internal examiners and the marks shall be entered in the Xth semester examination mark sheet.

- ❖ There shall be a Viva-Voce at the end of tenth semester examination which may cover all the courses taught for the whole programme. The viva board shall consist of the Chairman and two examiners.
- ❖ The conduct of examination and other related matters shall be as per the University Exam Manual/regulations/orders which may be subject to changes as notified by the University from time to time.
- ❖ Readmission and validity of regulation to complete the programme will be as per university rules.

9. Pass minimum and Classification

- ❖ Pass requirement: For each course the pass requirement is 40% of the aggregate marks (continuous assessment marks + semester end exam marks) with a separate requirement of minimum 40% for the semester end examination. Those who fail in the semester end examination of any course may repeat the semester end examination of that course in the next available chance.
- ❖ Special “Save a Year” supplementary examinations will be conducted for students who have failed in their final two semesters (regular UG). Special supplementary examination for final semester will be conducted after the publication of that semester results. The exam will be conducted for all courses of that semester. The student will be awarded the actual grade he/she obtains in the special supplementary examination. Those who fail in the end-semester examination/special supplementary examination of any course may repeat the semester end examination of that course in the next available chances.
- ❖ The students of the Five Year B.Sc. LL.B. (Hons.) (Computer Science) Programme are permitted to improve their marks in the end-semester examination subject to the conditions below:
 - i. The student can write the improvement exam only for courses where he/she secured P grade or above in the regular chance.
 - ii. The number of courses where a student can register for improvement exam is restricted to a maximum of two courses per semester.
 - iii. The improvement exam is not permitted for courses offered in the final two semesters of the programme (Semester IX and X).
 - iv. The improvement exam should be written in the next available chance with the immediately following batch.
 - v. There will be no improvement for internal examinations or practical examinations.
 - vi. The higher of the marks (original mark or improvement marks) will be treated as the final end semester marks for grade calculation.
- ❖ The minimum credit to qualify the degree is 300 credits.
- ❖ Ranking shall be done on the basis of marks obtained by the candidate in the whole examination passed in the first chance.
- ❖ Classification for the Five Year B.Sc. LL.B. (Hons.) (Computer Science) Programme will be given as follows based on the CGPA:

First Class with Distinction (FCD)	CGPA 7.5 and above

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First Class	CGPA 6 to 7.499
Second Class	CGPA 5 to 5.999

10. Classification

The following 10-point grading system shall be adopted for Five Year B.Sc. LL.B. (Hons.) (Computer Science) Programme. The grades will be awarded for each course based on the aggregate marks (continuous assessment marks+ end semester examination marks) obtained subject to the requirement of minimum 40% for the semester end examination.

% Marks (Range)	Grade point (G)	Letter Grade	Description
95-100	10	O	(Outstanding)
85-94.99	9	A+	(Excellent)
75-84.99	8	A	(Very Good)
65-74.99	7	B+	(Good)
55-64.99	6	B	(Above Average)
45-54.99	5	C	(Average)
40-44.99	4	P	(Pass)*
Below 40	F	0	Fail
Absent	Ab	0	Absent

**This grading criteria may be subjected to changes as notified by the University from time to time.*

Overall performance at the end of the semester will be indicated by **Grade Point Average (GPA)** calculated as follows:

$$\text{GPA} = \frac{G1C1 + G2C2 + G3C3 + \dots + GnCn}{C1 + C2 + C3 + \dots + Cn}$$

'G' refers to the grade point and 'C' refers to the credit value of the corresponding course undergone by the student. At the end of the final semester Cumulative Grade Point Average (CGPA) will be calculated based on the above formula, considering the Credits and Grades earned during the entire programme of study.

Accordingly, the pass requirements shall be modified as:-

- i. For each course, 40% of the aggregate marks (continues assessment marks + end semester marks) with a separate minimum requirement of 40% for the end semester examination.
- ii. Minimum aggregate CGPA required for successful completion of the programme will be 4.0.
- iii. The CGPA to percentage conversions shall be done using the formula

$$\% \text{marks} = \text{CGPA} \times 10$$

11. Revision of Regulations and Curriculum

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The University may from time-to-time revise, amend or change the Regulations, scheme of Examinations and the syllabus. In the case of students already undergoing the course the changes will take effect from the beginning of the following academic year after the changes is introduced, and shall cover the part of the course that remains to be completed.

This Regulation is deemed to come into effect from 2025 onwards.

PROGRAMME OBJECTIVES, OUTCOMES AND MAPPING

Vision of the Cochin University of Science and Technology

The University aims to become an Institution of global standard by continuously improving its quality of academic activities, taking up research and innovation in the frontier areas and by ensuring conducive state-of-the-art infrastructural facilities.

Mission of the Cochin University of Science and Technology

CUSAT will continuously strive to generate a human resource of global competence by imparting the most modern knowledge and training to its student community and to take up Research and Development activities in the frontier areas to contribute positively to the progress of the society and the Nation.

The University shall have the following objectives as its mission:

1. To encourage and promote research and innovation in applied science, technology, industry, commerce, management and social science for the advancement of knowledge and the betterment of society.
2. To provide facilities and offer opportunities for graduate and post-graduate education in applied science, technology, industry, commerce, management and social science by instruction, training, research, development, innovation and extension and by such other means as the University may deem fit.
3. To devise and implement programmes of education in applied science, technology, industry, commerce, management and social science that is relevant to the changing needs of society, in terms of breadth of diversity and depth of specialization.
4. To serve as a centre for fostering co-operation and exchange of ideas between the academic and research community on the one hand and industry on the other.
5. To organize exchange programmes with other institutions of repute in India and abroad to keep abreast of the latest innovation and developments in relevant areas of teaching and research.

Program Objectives

This program aims at:

- PO 1** To enable those in legal and judicial fraternity to assimilate and apply the use of computer science in their professional practice.
- PO2** To groom legal professionals with digital expertise so as to make them competent for the present and future practice of law.
- PO3** To cultivate the ability to provide legal as well as digital solutions to corporates, software firms, governmental organisations especially police, intelligence, defence etc.
- PO4** To identify, analyse and resolve legal issues which arise out of advances in digital sciences.

Programme Specific Outcomes:

After the completion of the programme the student will be able:

- PSO 1** To understand the relevance of integrating computer skills and knowledge in legal profession and practice.
- PSO 2** To understand legal issues arising out of the use of ICT by gaining an in depth understanding on computing, technology and data.
- PSO 3** To analyse the various challenges posed by the intersection of law and computer science.

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PSO 4 To apply necessary legal and digital skills in litigations wherever deemed necessary.

PSO 5 To apply legal principles and knowledge while designing, developing and using digital software and tools.

Mapping Vision and Mission of the University with the Programme Objectives

	PO1	PO2	PO3	PO4
Vision of the University	3	3	3	3
Mission 1	3	3	2	2
Mission 2	3	3	2	2
Mission 3	3	3	3	3
Mission 4	1	2	3	3
Mission 5	3	3	2	2

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course Contents and Syllabus in OBL format

The reference given are inclusive. The stakeholders are expected to refer the latest decisions, legislations, international documents, books, articles, case laws and other materials. In the case of books, the latest edition is expected to be referred.

COURSES BY SEMESTER

SL No.	Subject	Subject Code	*Hours of Instruction	Marks			Credits
				Internal	External	Total	
SEMESTER – I							
1	General English I	25-274-0101	6 hours	50	50	100	5
2	Fundamentals of Statistics and Introductory Probability Theory	25-274-0102	6 hours	50	50	100	5
3	Introduction to Computer Science	25-274-0103	6 hours	50	50	100	5
4	Programming with Python (including LAB)	25-274-0104	6 hours	50	50	100	5
5	General Principles of Contract (Law of Contract-I)	25-274-0105	6 hours	50	50	100	5
6	Law of Torts and Motor Vehicle Accidents	25-274-0106	6 hours	50	50	100	5

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	TOTAL			300	300	600	30
SEMESTER – II							
1	General English II	25-274-0201	6 hours	50	50	100	5
2	Data Analytics (including LAB)	25-274-0202	6 hours	50	50	100	5
3	Object-oriented programming (including LAB)	25-274-0203	6 hours	50	50	100	5
4	Discrete Mathematics for Computer Science	25-274-0204	6 hours	50	50	100	5
5	Constitutional Law- I	25-274-0205	6 hours	50	50	100	5
6	Special Contracts (Law of Contract - II)	25-274-0206	6 hours	50	50	100	5
	TOTAL			300	300	600	30
SEMESTER – III							
1	Artificial Intelligence	25-274-0301	6 hours	50	50	100	5
2	Data Structures and Algorithms (including LAB)	25-274-0302	6 hours	50	50	100	5
3	Database Systems (including LAB)	25-274-0303	6 hours	50	50	100	5
4	Constitutional Law–II	25-274-0304	6 hours	50	50	100	5
5	Jurisprudence (Legal Method, Indian Legal System and Basic Theory of Law)	25-274-0305	6 hours	50	50	100	5
6	Law of Crimes-I	25-274-0306	6 hours	50	50	100	5
	TOTAL			300	300	600	30
SEMESTER – IV							
1	Cloud Computing (including LAB)	25-274-0401	6 hours	50	50	100	5
2	Predictive Analytics (including LAB)	25-274-0402	6 hours	50	50	100	5
3	Web Technology (including LAB)	25-274-0403	6 hours	50	50	100	5
4	Administrative Law	25-274-0404	6 hours	50	50	100	5
5	Family Law–I	25-274-0405	6 hours	50	50	100	5

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6	Law of Crimes-II	25-274-0406	6 hours	50	50	100	5
	TOTAL			300	300	600	30
SEMESTER – V							
1	Ethics in Society and Computing	25-274-0501	6 hours	50	50	100	5
2	Software Engineering	25-274-0502	6 hours	50	50	100	5
3	Consumer Protection Law	25-274-0503	6 hours	50	50	100	5
4	Family Law-II	25-274-0504	6 hours	50	50	100	5
5	Law of Crimes-III	25-274-0505	6 hours	50	50	100	5
6	Law of Evidence	25-274-0506	6 hours	50	50	100	5
	TOTAL			300	300	600	30
SEMESTER – VI							
1	Deep Learning (including LAB)	25-274-0601	6 hours	50	50	100	5
2	Natural Language Processing and Information Retrieval (including LAB)	25-274-0602	6 hours	50	50	100	5
3	Civil Procedure Code and Limitation Act	25-274-0603	6 hours	50	50	100	5
4	Company Law	25-274-0604	6 hours	50	50	100	5
5	Labour Law	25-274-0605	6 hours	50	50	100	5
6	Public International Law	25-274-0606	6 hours	50	50	100	5
	TOTAL			300	300	600	30
SEMESTER – VII							
1	Cyber Security	25-274-0701	6 hours	50	50	100	5
2	Environmental Law	25-274-0702	6 hours	50	50	100	5
3	Bioethics and Scientific Research	25-274-0703	6 hours	50	50	100	5
4	Principles of Taxation Law	25-274-0704	6 hours	50	50	100	5

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5	Property Law	25-274-0705	6 hours	50	50	100	5
6	Drafting, Pleading and Conveyancing	25-274-0706	6 hours	100	0	100	4
	TOTAL			350	250	600	29
SEMESTER – VIII							
1	Computer Science Project/internship	25-274-0801	6 hours	100	0	100	5
2	Professional Ethics and Professional Accounting System	25-274-0802	6 hours	100	0	100	4
3	General Elective- I		6 hours	50	50	100	5
4	General Elective- II		6 hours	50	50	100	5
5	General Elective- III		6 hours	50	50	100	5
6	General Elective- IV		6 hours	50	50	100	5
	TOTAL			400	200	600	29
General Elective for Semester - VIII (Any FOUR)							
1	Air and Space Law	25-274-0803	6 hours	50	50	100	5
2	Criminology, Penology and Victimology	25-274-0804	6 hours	50	50	100	5
3	Disaster Management Law	25-274-0805	6 hours	50	50	100	5
4	Human Rights Law	25-274-0806	6 hours	50	50	100	5
5	Intellectual Property Laws	25-274-0807	6 hours	50	50	100	5
6	International Humanitarian Law and Refugee Law	25-274-0808	6 hours	50	50	100	5
7	International Trade Law	25-274-0809	6 hours	50	50	100	5
8	Interpretation of Statutes	25-274-0810	6 hours	50	50	100	5
9	Land Utilisation Law	25-274-0811	6 hours	50	50	100	5
10	Law and Medicine	25-274-0812	6 hours	50	50	100	5

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11	Law Governing Scientific Research	25-274-0813	6 hours	50	50	100	5
12	Law of Cooperative Societies	25-274-0814	6 hours	50	50	100	5
13	Law on Building and Engineering Contracts	25-274-0815	6 hours	50	50	100	5
14	Law Relating to Child	25-274-0816	6 hours	50	50	100	5
15	Law Relating to Ships	25-274-0817	6 hours	50	50	100	5
16	Law Relating to Armed Forces	25-274-0818	6 hours	50	50	100	5
17	Marine Safety Laws	25-274-0819	6 hours	50	50	100	5
18	Science, Technology and Law	25-274-0820	6 hours	50	50	100	5
19	Securities Laws	25-274-0821	6 hours	50	50	100	5
SEMESTER – IX							
1	Mediation, Conciliation and Arbitration	25-274-0901	6 hours	100	0	100	4
2	General Elective- V		6 hours	50	50	100	5
3	General Elective- VI		6 hours	50	50	100	5
4	Special Elective- I		6 hours	50	50	100	5
5	Special Elective- II		6 hours	50	50	100	5
6	Special Elective- III		6 hours	50	50	100	5
	TOTAL			350	250	600	29
General Electives for Semester - IX (Any Two)							
1	Animal Protection Law	25-274-0902	6 hours	50	50	100	5
2	Disability Law	25-274-0903	6 hours	50	50	100	5
3	Forensic Science and Medical Jurisprudence	25-274-0904	6 hours	50	50	100	5
4	Health Care Law	25-274-0905	6 hours	50	50	100	5
5	Law of Local Self Government	25-274-0906	6 hours	50	50	100	5

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6	Law of the Sea	25-274-0907	6 hours	50	50	100	5
7	Law, Poverty and Development	25-274-0908	6 hours	50	50	100	5
8	Law Relating to Agriculture	25-274-0909	6 hours	50	50	100	5
9	Private International Law	25-274-0910	6 hours	50	50	100	5
10	Women and Criminal Law	25-274-0911	6 hours	50	50	100	5
Special Electives for Semester IX (Any Three)							
1	Artificial Intelligence and Law	25-274-0931	6 hours	50	50	100	5
2	Digital Forensics and Law	25-274-0932	6 hours	50	50	100	5
3	Fundamentals of Cyber Security and the Law	25-274-0933	6 hours	50	50	100	5
4	Information Technology Law	25-274-0934	6 hours	50	50	100	5
5	Law, Legal Process and Cyber Space	25-274-0935	6 hours	50	50	100	5
SEMESTER – X							
1	Moot Court Exercise and Court Visit	25-274-1001	6hours	100	0	100	4
2	Special Elective- IV		6 hours	50	50	100	5
3	Special Elective- V		6 hours	50	50	100	5
4	Special Elective- VI		6hours	50	50	100	5
5	Special Elective- VII		6 hours	50	50	100	5
6	Special Elective- VIII		6 hours	50	50	100	5
7	Course Viva-Voce	25-274-1050		0	100	100	2
8	Course Internship	25-274-1051		100	0	100	2
	TOTAL			450	350	800	33
Special Electives for Semester X (Any Five)							
1	Cyber Law and Ethics	25-274-1002	6 hours	50	50	100	5
2	Cyber security and Cyber Crimes	25-274-1003	6 hours	50	50	100	5
3	Data Protection Laws	25-274-1004	6 hours	50	50	100	5

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4	E Commerce and Laws	25-274-1005	6 hours	50	50	100	5
5	E Governance and Regulations	25-274-1006	6 hours	50	50	100	5
6	IPR in Cyber Space	25-274-1007	6 hours	50	50	100	5
Grand Total for the Course				3350	2850	6200	300

**Hours of Instruction is inclusive of lectures, computer lab, moots, seminars, presentations, case studies etc. as per the Legal Education Rules of Bar Council of India.*

*** For Compulsory Courses in Computer Science with Lab, the internal mark would be 20 marks for Continuous Assessment (CA) and 30 marks for LAB.*

Semester wise Distribution of Subjects:

Sl. No.	Semester	English	Computer Science	Law- compulsory	Law – clinical	Law- General Electives	Law – Special Electives	*Others	Total
1	I	1	3	2					6
2	II	1	3	2					6
3	III	-	3	3					6
4	IV	-	3	3					6
5	V	-	2	4					6
6	VI	-	2	4					6
7	VII	-	1	4	1				6
8	VIII	-	1		1	4			6
9	IX	-	-		1	2	3		6
10	X	-	-		1	-	5	2	8
	Total	2	18	22	4	6	8	2	62

**Course Viva-voce and Course internship of 2 credit each in semester X.*

SEMESTER I
Semester I - Course I

(25-274-0101)

General English

(Credit – 5)

Course Objectives:

The objective of the course is to give the students a strong foundation of the English language which in turn is the basis of legislations, judgments and other legal instruments. The course is to equip them with the correct usage of English language and thus the possible interpretations of the same. This is essential for the students to learn law, in applying law, in arguing law, in drafting, and in judgment writing.

Course Outcomes (CO's):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the proper usage of grammar	Understand
CO 2	To analyse good vocabulary and writing skill	Analyse
CO 3	To apply the ability to critically read and analyse diverse texts into practice	Apply

CO- PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	-	3	3	2
CO 2	3	-	-	3	1
CO 3	3	2	3	3	2

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course contents:

Module I: Tenses and Concord, Nouns, Pronouns, Relative Pronouns

Module II: Gerunds, Adjectives, Adverbs, basic transformations

Module III: Complex and Compounds Sentences Conditionals. Reported Speech

Module IV: Question tags and short responses, Common errors in usage

Module V: Reading comprehension - Principles and practices. Listening comprehension – speaking comprehension.

References:

1. David B. Paie, How to Write Critical Essays?
2. Otto Jespersen, Growth and Structure of the English Language.
3. Bryand, English in the Law Courts.
4. Linter, The Practice of Criticism.
5. Lindley Murray, An English Grammar, Comprehending the Principles and Rules of the Language illustrated, 1806
6. Interchange, 5th edition – level 2 – student book – Jack C Richards, Jonathan Hull and Susan Proctor, Cambridge University Press, 2022

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Semester I: Course II

(25-274-0102) Fundamentals of Statistics and Introductory Probability Theory (Credit – 5)

Course Objectives:

This course introduces the students to basic fundamental s of statistics. In the world of computers, one needs to understand linear algebra and statistics and probability as they play a very vital role. This is because we keep on comparing present with past and predict future and try to optimize the same.

Course Outcomes (CO's):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand statistics to calculate the probability of their desired outcomes	Understand
CO 2	To analyse and interpret the relationship between variables	Analyse
CO 3	To apply statistical methods to solve problems.	Apply

CO- PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	2	3	1	1
CO 2	2	3	2	1	1
CO 3	3	3	3	1	1

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course contents:

Module I: Introduction to Statistics

Population and Sample, Collection of Data, Census and Sampling, Methods of Sampling Simple Random Sampling (with and without replacement) stratified sampling systematic sampling (Method only), Types of data quantitative, qualitative, Classification and Tabulation, Diagrammatic representation - Bar diagram, Pie diagram.

Module II: Graphical representation

Histogram; frequency polygon; frequency curve; ogives and stem and leaf chart. Measures of Central Tendency -Mean, Median, Mode, Quantile points-quartiles, Percentiles, Deciles. Measures of Dispersion - Range, Quartile Deviation, Mean Deviation, Standard Deviation, Coefficient of Variation. Box Plot.

Module III: Introduction to bivariate data

Scatter Diagram, Curve Fitting by the Method of Least Squares (without proof) Fitting of Straight Lines, Exponential Curve, Power Curve, Linear Correlation Covariance Method (formula only) and simple problems, Linear Regression-Regression Equations identification of regression, lines and properties.

Module IV: Probability Concepts

Random Experiment, Sample Space, Events, Probability Measure, Approaches to Probability-Classical, Statistical and Axiomatic, Addition Theorem (up to 3 events) Conditional Probability, Independence of events, Multiplication theorem (up to 3 events), Total Probability Law, Bayes Theorem and its applications.

Module V: Random variables and distribution functions

Random variables, probability density (mass) function, distribution function- properties, expectation of a discrete and continuous random variables-properties (without proof) mean and standard deviation of different probability density function, moment generating function, important properties (without proof).

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References:

1. S.P. Gupta: Statistical Methods (Sultan Chand & Sons Delhi).
2. S.C. Gupta and V.K. Kapoor: Fundamentals of Mathematical Statistics, Sultan Chand and Sons.
3. B.L. Agarwal: Basic Statistics, New Age International (p) Ltd.
4. Parimal Mukhopadhyaya: Mathematical Statistics, New Central Book Agency (p) Ltd, Calcutta
5. Murthy M.N: Sampling theory and Methods, Statistical Publishing Society, Calcutta.

Semester I - Course III

(25-274-0103)

Introduction to Computer Science

(Credit – 5)

Course Objectives:

This course aims to provide a comprehensive understanding of computer systems and architecture, operating systems, computer networks, and emerging trends in computing. Students will gain foundational knowledge in binary representation, CPU architecture, memory management, network protocols, and cloud computing. Through practical applications and case studies, the course will also explore the ethical and social implications of technology in modern society.

Course Outcomes (CO's):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the implementation of computer science concepts in real-world scenarios while recognizing and assessing their applications' ethical and societal implications.	Understand
CO 2	To analyze and differentiate computer system components and identify the relationships between hardware and software within a computing environment	Analyse
CO 3	To apply the ability to categorize and compare network protocols, devices, and addressing schemes, forming connections between different layers of network architecture.	Apply

CO- PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	2	2	2
CO 2	3	2	2	1	2
CO 3	3	2	2	3	2

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course contents:

Module I: Computer Components, Data Representation, and Storage Devices

Overview of computer components, including their roles and evolution milestones. Binary representation and data storage concepts such as binary data representation, data units (bits,

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bytes, kilobytes, etc.), ASCII, and Unicode. Various storage devices like HDDs, SSDs, and optical drives, along with file systems.

Module II: CPU Architecture, Memory Hierarchy, and Output Devices

Basic CPU architecture covering ALU, registers, control unit, fetch-execute cycle, instruction sets, and assembly language. Memory hierarchy, including registers, cache, RAM, and virtual memory. Different output devices, including monitors, printers, and speakers. I/O communication and device management principles.

Module III: Operating Systems

Introduction to Operating Systems: Definition and functions of an operating system. Types of operating systems: batch, interactive, real-time, etc. Processes and threads. Process states and life cycle, Context switching and multitasking. Virtual memory and paging. Memory allocation methods. Memory protection and addressing techniques. Structure and organization of file systems. Disk scheduling and storage optimization techniques. Differentiate between command-line interfaces (CLI) and graphical user interfaces (GUI). User management and security considerations.

Module IV: Computer Networks

Introduction to Computer Networks covers the definition and importance of computer networks, along with different types such as LAN, WAN, MAN, PAN, and WLAN. OSI model and its layers, Introduction to common network protocols like TCP/IP, HTTP, FTP, and SMTP, and data encapsulation and packet structure. Basics of different networking devices, including routers, switches, hubs, and gateways, and different network topologies such as star, bus, ring, mesh, and hybrid. IP addressing, comparing IPv4 and IPv6, subnetting, DHCP, and NAT/PAT. Introduction to network security threats and secure communication protocols.

Module V: Practical Applications, Emerging Trends and Ethical Considerations

Practical Applications and Case Studies - Client-Server Architecture: Understanding client-server interaction, Practical examples: web servers, email servers, game servers, Cloud Computing Fundamentals: Cloud deployment models: IaaS, PaaS, SaaS, Virtualization and cloud service providers, Emerging Trends in Computer Science: Quantum computing, Edge computing, and distributed systems, Ethical and Social Implications of Computing: Privacy concerns and data security, Algorithmic bias and digital divide.

References

1. "Structured Computer Organization" by Andrew S. Tanenbaum
2. "Operating System Concepts" by Abraham Silberschatz, Peter B. Galvin, and Greg Gagne
3. "Modern Operating Systems" by Andrew S. Tanenbaum and Herbert Bos
4. "Computer Networking: A Top-Down Approach" by James F. Kurose and Keith W. Ross
5. "Cloud Computing: Concepts, Technology & Architecture" by Thomas Erl, Ricardo Puttini, and Zaigham Mahmood

Semester I - Course IV

(25-274-0104)

Programming with Python

(Credit – 5)

Course Objectives:

The main aim of this course is to provide hands-on training in programming in general and Python programming in particular that would impart the necessary skills to write computer programs to tackle problems in Data Analytics.

Course Outcomes (CO's):	

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After completion of the course, the student will be able:		Bloom's Taxonomy Level
CO 1	To understand algorithm implementation to solve computational problems involving control structures and built-in data structures	Understand
CO 2	To analyse modularization and basic graphical programming skills	Analyse
CO 3	To apply, data encoding and computational problem-solving skills	Apply

CO- PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	2	3	2	3
CO 2	3	1	2	2	2
CO 3	3	3	3	3	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course contents:

Module I: Data Fundamentals and Problem Solving

Basics: Information & Data, Analog & Digital systems, Bits, Bytes & Bit patterns, Numeral Systems, Data Encoding. Computational problem solving: Problem analysis, Program design, Program implementation, Program testing. Algorithms and flowcharts.

Module II: Introduction to Python and Basic Programming

Overview of programming languages. Python: Introduction, Installing and running Python programs, Data and expressions: Comment statements, Literals, Variables and identifiers, Keywords, Operators, Expressions and Data Types, Operator precedence and associativity, Type conversion. Environment variables, Formatting numbers, the format method.

Module II: Control Structures and Collections

Control structures: Boolean expressions, One and multi-way selection, Iterative control, Nested loops, Indentation, break and continue statements. Collections: Range function, Lists, Tuple, Sets and Dictionaries - Creating, Accessing, Basic operations and Methods, Sorting and Copying, String formatting and processing.

Module IV: Functions and Exception Handling

Functions: Defining and calling functions, Scope and lifetime, Local functions, Returning single and multiple values, Parameter passing, Namespaces, Keyword & default arguments, Optional parameters, Variable number of arguments, Passing collections to a function, Mapping functions in a dictionary, Closures, Lambda functions, Function redefinition, Exceptions: Catching and handling exceptions, multiple exceptions.

Module V: Advanced Python Concepts & Applications

Files: Types of files, Opening, Closing, Reading and Writing files. Graphics: Turtle Module, drawing with colours, Drawing basic shapes using iterations, Creating bar charts. Multi-threading, CGI, Data processing pipelines.

References:

1. Charles Dierbach, “Introduction to Computer Science Using Python: A Computational Problem-Solving Focus”, Wiley.
2. Ashok Namdev Kamthane, Amit Ashok Kamthane, “Programming and Problem Solving with Python”, McGraw Hill Education.

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3. Jake Vander Plas, “Python Data Science Handbook – Essential Tools for Working with Data”, O’Reilly Media, Inc.
4. Zhang.Y. , “An Introduction to Python and Computer Programming”, Springer Publications.
5. Wes McKinney, Python for Data Analysis: Data Wrangling with Pandas, NumPy, and Ipython” O’Reilly Media.
6. Haslwanter, T., “An Introduction to Statistics with Python”, Springer.

Semester I - Course V

(25-274-0105) General Principles of Contract (Law of Contract – I) (Credit – 5)

Course Objectives:

The distinctive feature of this foundational course is that it is offered in two levels and is a consolidation of general principles of law of contracts. The focus of this course will be on the nature of agreement, the reason for non-enforceability of an agreement, the justification for non-performance of an agreement and the ground for awarding damages. The discussion will further entail the analysis of the law of obligations and specific reliefs for breach of contracts. The course also examines the practical applications of law relating to contracts to resolve issues posed by a technology driven commercial world. Being a foundation course, the approach will be both theoretical and critical with emphasis on case law analysis.

Course Outcomes (CO's):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the norms for the formation and discharge of contracts in India and the role of courts in enforcing them.	Understand
CO 2	To analyse the legal framework relating to law of contracts	Analyse
CO 3	To apply the existing legal principles of contract law to solve issues posed by an evolving technology driven society.	Apply

CO- PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	2	-	-
CO 2	2	2	3	-	-
CO 3	1	1	1	3	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course contents:

Module-I -Formation of Contract

Nature of contractual obligation - Theories of contract – General classification of contracts – Electronic/ Smart Contracts – Government Contracts & International Contracts- offerits Types, Intention to create legal relationship - Acceptance – Forms, essential elements and Promise.

Module-II - Essentials of Contract

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Capacity of parties – Legal Disqualification to enter into Contracts- Minors, Persons of Unsound mind – Effects of agreement with disqualified persons- Free consent - factors vitiating free consent - Misrepresentation, coercion - and undue influence – Fraud & Mistake

Module-III - Objects of Contract

Lawful object- Void transactions- Agreements against public policy-Agreement in restraint of trade, Marriage and legal proceedings – Uncertain and Wagering agreements.

Module-IV- Consideration

Consideration- Types- Effect of contract without consideration-Exceptions

Module-V - Discharge of Contracts & Remedies

Discharge of contracts -Performance of contracts – Breach of Contracts - types of impossibility of performance - Alterations and novation - Accord and satisfaction - Quasi contracts Remedies for breach - Damages –general and special - Specific performance – Types- Recession and cancellation - Injunctions - Declaratory remedies

References:

1. Avatar Singh, Law of Contract and Specific Relief, Eastern Book Co. (2020)
2. Pollock & Mulla Indian Contract and Specific Relief Acts, Vol. 1, 12th edn., Butterworths, (2012).
3. W.R. Anson, Principles of Law of Contracts, Alpha edition (2019)
4. W.R. Anson, Principles of the English Law of Contract and of Agency in its Relation to Contract (2019)
5. Trietel, The Law of Contract, Sweet & Maxwell, 13th edn (2011)
6. A. Burrows, Remedies for Tort and Breach of Contract. Butterworths (1994)
7. Beatson, J., Anson's Law of Contract, Oxford University Press, (2002)
8. Fry, A Treatise on the Specific Performance of Contracts, 6th edn., Universal Law Publishing Co. Pvt. Ltd., 1997
9. McGregor, Harvey, Mayne and McGregor on Damages, 12th edn. Sweet and Maxwell, London, 1961.
10. McMeel, Gerard, The Modern Law of Unjust Enrichment and Restitution, Oxford University Press, 2003.

Semester I - Course VI

(25-274-0106)

Law of Torts and Motor Vehicle Accidents

(Credit – 5)

Course Objectives:

This course is intended to give an idea about fundamentals of civil liability in India. It provides understanding about various specific torts, its essential ingredients, remedies and defences. It also deals with compensation under MV Act.

Course Outcomes (CO's):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand whether there is a wrongful action and if so what remedies and defences is applicable to such cases.	Understand
CO 2	To analyse different types of damages and compensation available in tort and motor vehicle accident cases.	Analyse
CO 3	To apply the legal principles in real life situations happening in and around him such as assault, battery and tress etc.	Apply

CO- PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	2	1	1

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CO 2	2	2	3	1	1
CO 3	1	1	1	3	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course contents:

Module I: Introduction

Definition, Nature and Scope of Law of Torts - Torts and Crime - Torts and Contract - Essential Elements of Law of Torts - Pigeon Hole Theory - Relevancy of Motive in Law of Torts – Specific Defences.

Module II: Parties

Capacity and Parties in Torts -Joint and Several Tort-feasors - Malfeasance, Misfeasance, Nonfeasance- Vicarious Liability - Master and Servant - Doctrine of Common Employment.

Module III: Specific Torts

Nuisance – Essential Elements – Remedies – Defences - Negligence - Elements of Negligence - Res Ipsa loquitur - Contributory Negligence – Defences - Nervous Shock – Its Meaning and Principles – Defamation - Malicious Prosecution

Module IV: Specific Torts -2

Trespass to Person: Assault, Battery – Mayhem & False Imprisonment - Trespass to Land - Trespass ab initio – Remedies - Defences - Strict Liability - Rule in Ryland’s v. Fletcher- Dangerous thing – Escape of thing - Non-natural use of land - Exceptions - Its criticisms- Absolute Liability - Bhopal Gas Leak Disaster Case.

Module V: Economic Torts, Remedies and Motor Vehicles Act

Malicious Falsehood - Tort of Passing off – Intimidation –Conspiracy -Inducing breach of Contract - Detinue – Tort of Conversion (Trover) - Tort of Deciet - Slander of Title – Slander of Goods - Judicial Remedies – Extra-judicial Remedies - Liability under Motor Vehicles Act, 1988 - Compensation in Motor Vehicle Accidents - Nature and Extent of Insurer’s Liability - Claims Tribunal - Award of Compensation

References:

1. W V H Rogers, Winfield & Jolowicz Tort, Sweet & Maxwell, London, 2010
2. RFV. Heuston& RA Buckly, Salmond and Heuston on Law of Torts, Universal Law Publishers, Delhi, 1996
3. SP Singh &Indrajith Singh, Law of Torts, Universal Law Publishers, Delhi, 2010
4. B M Gandhi, Law of Torts, EBC, Lucknow, 1997
5. Ratanlal&Dhirajlal, The Law of Torts, Wadhwa, Nagpur, 2016
6. Paula Giliker& Silas Beckwith, Tort, Sweet & Maxwell, London, 2000
7. Vivienne Harpwood, Principles of Tort Law, Cavendish Publishing Limited, London, 2009
8. A Laxminath& M. Sridhar, RamaswamyIyer: The Law of Torts, 19th Edn- 2007, Lexis Nexis

SEMESTER II

Semester II - Course I

(25-274-0201)

General English - Paper II

(Credit – 5)

Course Objectives:

This course is to enable the students to learn English language to use it more effectively in the interpretation of the legislations, judgements international documents, and writeups. The students will be able to draft legislations themselves as part of their assignments in the class. They can also present their case before the court while practicing as lawyers in an effective manner with confidence. As Advocates, they can draft documents like Complaint, Written Statement etc. more effectively. As judges, they can write judgments more convincingly.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand English language in depth so as to develop arguments for his case in courts as well as for facing other verbal challenges like interviews, group discussions or debates	Understand
CO 2	To analyse the wordings of legislations	Analyse
CO 3	To apply the knowledge of English language for linking Law with language	Apply

CO- PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	3	3	1
CO 2	3	3	3	3	3
CO 3	3	3	3	2	2

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course contents:

Module I: Idioms, phrases and Usages -with the help of judgment of Justice V.R. Krishna Iyer and Lord Denning

Module II: Modern Prose

Module III: Pairs of Words, synonyms and antonyms- their usages in legislations

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- Module IV:** Précis writing- Using judgments -Essay writing - Techniques – Methodology- Link literature and Law- Shakespearean Dramas
- Module V:** Modern style - use of English in Judgment writing (for example, Judgments of Krishna Iyer and Denning)

References:

1. Roderick, English Transformational Grammar
2. Veluri Subba Rao, The Philosophy of a Sentence and its Parts
3. Fowler, The King's English.
4. Alan Durand, Language and Law Routledge, 2017.
5. Constance Jordan, The Law in Shakespeare Palgrave Macmillan, 2007

Semester II - Course II

(25-274-0202)

Data Analytics

(Credit – 5)

Course Objectives:

This course aims to provide a comprehensive understanding of data science principles, including data preparation, model building, and data quality assurance. Students will develop skills in feature engineering, data visualization, and storytelling to effectively analyze and communicate data insights. Additionally, the course covers ethical considerations, data security, and the application of data warehousing techniques to support decision-making processes.

Course Outcomes (COs):		Bloom’s Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand data science fundamentals, including building and evaluating data models.	Understand
CO 2	To analyse and obtain data quality through effective cleaning, integration, transformation techniques, and understand ethical considerations in data science.	Analyse
CO 3	To apply the skills developed to develop proficiency in feature engineering, data reduction methods, and conducting data validation and sanity checks	Apply

CO- PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	3	2	3
CO 2	3	3	3	2	3
CO 3	3	3	3	2	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course contents:

Module I: Introduction to Data Science and Data Preparation

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Introduction to Data Science, Data Science and Its applications, Building models, Data Science Project Life Cycle. Data Quality and Data Preparation, Data Exploration, Data types. Data cleaning: Problems with data and data cleaning methods.

Module II: Data Transformation and Feature Engineering

Data Integration, Redundancy and correlation analysis, Data Transformation and discretization: Converting data types, Normalizing and scaling numerical features, Encoding categorical variables, Creating derived features and aggregating data, Feature Engineering: Selecting relevant features for analysis, Creating new features that capture valuable information from the existing data., Understanding domain knowledge to engineer meaningful features.

Module III: Data Reduction and Validation

Data Reduction: Different types of reduction methods, PCA, Attribute subset selection, Parametric data reduction, Sampling techniques in data reduction, Data cube aggregation. Data Validation and Sanity Checks: Verifying the integrity and accuracy of data using validation rules and logic checks. Cross-validating data against external sources or known benchmarks. Ethics in data, Data security.

Module IV: Data Visualization and Exploratory Data Analysis

Data Visualization: Theory of data visualization, Univariate visualizations: Different types of data visualizations, Color theory, Choosing the right data visualizations, Visual hierarchy, Associability and inclusivity, Interactive data visualizations, Multivariate visualizations: Scatterplot, Bubble chart, Visualizing high. dimensional data, Exploratory data Analytics, Data Storytelling.

Module V: Data Warehousing and Online Analytical Processing

Data Warehousing and Online Analytical Process. Introduction to data warehousing: Data modelling, Data extraction, transformation, and loading (ETL): Data warehouse design: Data warehouse administration, Data warehouse applications

References:

1. Géron, Aurélien. The Data Science Handbook: A Practical Guide to Getting Started with Data Science. O'Reilly Media, 2017.
2. CareerFoundry. "What is Data Analytics? A Complete Guide for Beginners." CareerFoundry, 2023.
3. Pauwels, Michael C. J. Data Science and Analytics: An Introduction. Cambridge University Press, 2021.
4. Bard. Introduction to Data Analytics. Mindmajix, 2023.

Semester II - Course III

(25-274-0203)

Object-Oriented Programming with Python (Credit – 5)

Course Objectives:

This course aims to teach students the fundamentals of object-oriented programming (OOP) in Python, covering key concepts such as classes, objects, and inheritance. Through practical exercises, students will learn to apply OOP principles to create efficient and maintainable Python code. Additionally, the course will introduce module and package management to enhance code organization and reusability.

Course Outcomes (COs):	Bloom's Taxonomy Level
After completion of the course, the student will be able:	

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CO 1	To understand fundamental concepts in object-oriented programming (OOP) such as objects, classes, abstraction, and encapsulation in Python.	Understand
CO 2	To analyse advanced OOP techniques including inheritance, polymorphism, encapsulation, and data hiding, along with the use of class methods, static methods, and magic methods for operator overloading.	Analyse
CO 3	To apply Python modules, packages, and the Standard Library, enabling effective code organization, reuse, and integration with external libraries and resources.	Apply

CO- PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	2	2	2	1
CO 2	1	1	1	-	-
CO 3	3	3	2	3	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course contents:

Module I: Object-Oriented Design

Introducing object-oriented, Objects and classes, Specifying Attributes and Behaviour: Data describes object state - Behaviours are actions, hiding details and creating the public interface, Composition, Inheritance: Inheritance provides abstraction, Multiple inheritance.

Module II: Objects in Python

Introducing type hints, Creating Python Classes: Adding attributes, Making it do something, Initializing the object, type hints and defaults, Explaining yourself with docstrings, Modules and packages: Organizing modules, Third party libraries.

Module III: Inheritance, Polymorphism and Exception Handling

Basic inheritance: Extending built-ins, Overriding and super, Multiple inheritance: The diamond problem, Different sets of arguments, Polymorphism, Raising an exception, The effects of an exception, Handling exceptions, The exception hierarchy, Defining our own exceptions, Exceptions aren't exceptional

Module IV: Advanced OOP Techniques

Treat objects as objects, Adding behaviours to class data with properties: Properties in detail, Decorators - another way to create properties, Deciding when to use properties, Manager objects: Removing duplicate code, In practice.

Module V: Abstract Base Classes and Operator Overloading

Creating an abstract base class: The ABCs of collections, Abstract base classes and type hints, the collections. ABC module, Creating your own abstract base class, Demystifying the magic, Operator overloading, Extending built-ins, Meta classes.

References:

1. Dusty Phillips, "Python Object-Oriented Programming", Packt Publishing.
2. Mark Lutz, "Programming Python: Powerful Object-Oriented Programming", O'Reilly Media.
3. Wesley J. Chun, "Core Python Applications Programming", Prentice Hall.
4. Steven F. Lott, "Modern Python Standard Library Cookbook", Packt Publishing.

Semester II - Course IV

(25-274-0204)

Discrete Mathematics for Computer Science

(Credit – 5)

Course Objectives:

The course aims to familiarize the prospective learners with mathematical structures that are fundamentally discrete. This course introduces sets and functions, forming and solving recurrence relations and different counting principles. These concepts are useful to study or describe objects or problems in computer algorithms and programming languages.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the theory of discrete objects, starting with relations and partially ordered sets.	Understand
CO 2	To analyse recurrence relations, generating function and operations on them.	Analyse
CO 3	To apply the fundamental concepts of discrete mathematics	Apply

CO- PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	1	2	3	1
CO 2	2	1	3	3	1
CO 3	3	1	3	3	1

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course contents:

Module I: Recurrence Relations Functions

Definition of function. Domain, co domain and the range of a function. Direct and inverse images. Injective, surjective and bijective functions. Composite and inverse functions. Relations: Definition and examples. Properties of relations, Partial Ordering sets, Linear Ordering Hasse Diagrams, Maximum and Minimum elements, Lattices Recurrence Relations: Definition of recurrence relations, Formulating recurrence relations, solving recurrence relations- Back tracking method, Linear homogeneous recurrence relations with constant coefficients. Solving linear homogeneous recurrence relations with constant coefficients of degree two when characteristic equation has distinct roots and only one root, Particular solutions of non-linear homogeneous recurrence relation, Solution of recurrence relation by the method of generation functions, Applications- Formulate and solve recurrence relation for Fibonacci numbers, Tower of Hanoi, Intersection of lines in a plane, Sorting Algorithms.

Module II: Counting Principles, Languages and Finite State Machine

Permutations and Combinations: Partition and Distribution of objects, Permutation with distinct and indistinct objects, Binomial numbers, Combination with identities : Pascal Identity, Vandermonde's Identity Pascal triangle, Binomial theorem, Combination with indistinct objects- Counting Principles: Sum and Product Rules, Two-way counting, Tree

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diagram for solving counting problems, Pigeonhole Principle (without II proof); Simple examples, Inclusion Exclusion Principle (Sieve formula) (Without proof).

Module III: Languages

Languages, Grammars and Machines: Languages, regular Expression and Regular languages, Finite state Autom.

Module IV: Graphs

Graphs-Definition and elementary results, Adjacency matrix, path matrix, representing relations using diagraphs, Warshall's algorithm - shortest path, Linked representation of a graph, Operations on graph with algorithms - searching in a graph; Insertion in a graph, deleting from a graph, Traversing a graph- Breadth-First search and Depth-First search.

Module V: Trees

Trees-Definition and elementary results. Ordered rooted tree, Binary trees, Complete and extended binary trees, representing binary trees in memory, traversing binary trees, binary search tree, Algorithms for searching and inserting in binary search trees, Algorithms for deleting in a binary search tree.

References:

1. Discrete Mathematics and Its Applications, Seventh Edition by Kenneth H. Rosen, McGraw Hill Education (India) Private Limited. (2011)
2. Norman L. Biggs, Discrete Mathematics, Revised Edition, Clarendon Press, Oxford 1989.
3. Data Structure Seymour Lipschutz, Schaum's out lines, McGraw-Hill Inc. Additional
4. Elements of Discrete Mathematics: C.L. Liu, Tata McGraw- Hill Edition.
5. Concrete Mathematics (Foundation for Computer Science): Graham, Knuth, Patashnik Second Edition, Pearson Education.
6. Discrete Mathematics: Semyour Lipschutz, Marc Lipson, Schaum's out lines, McGraw - Hill Inc.
7. Foundations in Discrete Mathematics: K.D. Joshi, New Age Publication, New Delhi

(25-274-0205) Semester II - Course V **Constitutional Law – I** **(Credit – 5)**

Course Objectives:

Indian Constitution being the fundamental law of the land lays down the powers of the different organs of the government. Every action of the state is tested on the touchstone of the Constitution. Therefore, through this course it is intended to give an understanding of the structure, nature, working and limitations of the different institutions of governance i.e., executive, legislature and judiciary under the Constitutional order. It would familiarize one with the practical working of Centre-State relations in a federal scheme. It would throw light on judicial interventions in sustaining the Constitutional Supremacy.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the historical background and the evolution of the Indian Constitution	Understand
CO 2	To analyse the developments in the area of law vis a-vis governance	Analyse

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CO 3	To apply constitutional provisions in real-life situations and legal scenarios, demonstrating an understanding of how the Constitution impacts daily life and governance.	Apply

CO- PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	2	3	2	-	-
CO 2	2	3	3	-	-
CO 3	1	1	1	3	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course contents:

Module I: Basic Understandings on Constitutional Values and Social Justice

Constitution – Constitutionalism – Theories – Constitutional morality – salient features of Indian Constitution - State territory – Preamble – equality – fraternity – dignity – justice – economic – political – social - Parliamentary power to cede Indian Territory -Citizenship- Parliament's power to lay down criteria – dual citizenship.

Module II: Centre- State Relationship

Federalism-Centre-State relation- Legislative relations - Administrative relations and Financial Relations between the Union and States- Conflicts-Principles of Interpretation.

Module III: The Executive in India

Cabinet form of Government – Centre and State Governments – appointment –powers and functions- removal of President, Vice president, Governors – Emergency powers –Elections and Election Commission- All India Services- Public Service Commission- Comptroller & Auditor General – Attorney General of India- Doctrine of Pleasure- Constitutional Safeguards of Civil servants.

Module IV: The Parliament and Judiciary in India

Composition and terms of Houses of Parliament and State Legislatures- Offices of Parliament - powers and privileges of legislatures – Removal of members - -Amendment of the Constitution - basic structure of the Constitution-Union and State Judiciary-jurisdiction, appointment and removal - Independence of judiciary.

Module V: Interstate Trade and Commerce

The right to free trade and commerce - Commerce clause and Federalism

References:

1. D.D. Basu, Shorter Constitution of India. (Vol1& 2) 15thedn (2018) Lexis Nexis
2. V.N. Shukla, Constitution of India, 15thEdn (2017) Eastern Book Company
3. V.D. Sebastian, Indian Federalism: the Legislative Conflicts (1985).
4. M.P. Jain, Indian Constitutional Law, (Vol 1&2) 7th Edition, (2018) Lexis Nexis,
5. H. M. Seervai, Constitutional Law of India, Universal Law Publishing Co., Reprint, 2013
6. Glanville Austin, Indian Constitution-Cornerstone of the Nations, Oxford University Press, 1999

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7. P.M. Bakshi, The Constitution of India, Lexis Nexis., 16th edn (2019)

Semester II - Course VI **(25-274-0206) Special Contracts (Law of Contract – II) (Credit – 5)**

Course Objectives:

Modern businesses have deployed special contracts intensively in their day-to-day commercial ventures. Agreements incorporating indemnity principles are used to cover a wide array of risks arising from performance of contracts in different business dealings. Bank guarantees and transactions using negotiable instruments are a part of nearly all commercial transactions including sale of goods. Similarly, agency, pledge, bailment also have found great significance in day-to-day businesses. This course intends to provide a rigorous grasp of the legal principles that govern special contracts is for engaging with challenges in today's business forms the content of this course on special contracts.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the need and role of special contractual relationships to cater to the intricate nuances of today's complex business transactions.	Understand
CO 2	To analyse the legal framework and principles governing special contracts.	Analyse
CO 3	To apply theoretical knowledge to practical scenarios and resolving complex legal issues arising in the context of special contracts.	Apply

CO- PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	1	-	-
CO 2	2	2	3	-	-
CO 3	1	1	2	3	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course contents:

Module I: Contract of Indemnity and Guarantee

Indemnity and Agency- Definition -Types- Rights and liabilities of the Indemnifier, Indemnified – Guarantor- Surety - Continuing guarantee –Nature and duration of liability – Discharge.

Module II: Contract of Agency and Bailment

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Agency – Kinds of agency – Types of agents- creation of agency – rights, duties and liabilities of agents – liability of principal for act of agents - Termination of agency – Contract of Bailment and Pledge- Definition- rights and liabilities of Bailor and Bailee- rights and liabilities of Pawner and Pawnee.

Module III: Partnership Contracts

Partnership - nature and creation – Types of partnership- Relationship of partners - authority of partners - Rights and liabilities of partners- Admission of new members – Partnership property - Registration & dissolution of partnership.

Module IV: Contract for Sale of Goods

Sale of goods – goods-Types- Concept of sale – Subject matter of sale – Conditions and warranties – Passing of property and risk – Delivery of goods- rights of unpaid seller – Remedies for breach.

Module V: Negotiable Instruments

Negotiable instruments - essential requirements – Promissory notes, Bill of Exchange and Cheques - Holder in due course.

References:

1. Dr. Akhileshwar Pathak, Law Relating to Special Contracts, Lexis Nexis (2013)
2. Dr.S.R. Myneni, Contract-II (Special Contracts), Asia Law House (2018)
3. Mulla, The Sale of Goods Act and The Indian Partnership Act, 10 th edn (2012)
4. Pollock and Mulla, The Indian Partnership Act, 8 th edn(2019)
5. Friedman, Law of Agency, Butterworths (1996)
6. Geoirey Morse, Partnership and LLP Law, Oxford University Press, 8 th edn(2015)
Eighth Edition
7. Benjamin's, Sale of Goods, 10th edn(2019)

SEMESTER III

Semester III - Course I

(25-274-0301)

Artificial Intelligence

(Credit 5)

Course Objectives:

This course introduces artificial intelligence (AI) and provides knowledge on the concepts, techniques, and applications of intelligent systems. It gives insights regarding search algorithms, knowledge representation, machine learning, and natural language processing.

Course Outcomes (COs):		Bloom’s Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand and remember features of AI and knowledge-based systems	Understand
CO 2	To analyse different knowledge representation schemes	Analyse
CO 3	To apply search and control strategies	Apply

CO-PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	2	2	2	2

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CO 2	3	3	3	3	3
CO 3	3	3	3	3	3

1- Slightly/Low, 2 –Moderate/Medium, 3-Substantial/High, “-” = No correlation.

Course contents:

Module I: Overview of Artificial Intelligence

What is AI, The importance of AI; Knowledge: Introduction, Definition and Importance of knowledge, Turing Test, Knowledge–Based Systems, Representation of Knowledge, Knowledge Organization, Knowledge Manipulation, Acquisition of Knowledge.

Module II: Knowledge Representation & Reasoning:

Propositional logic-Syntax, semantics, normal forms; Predicate logic- Syntax, semantics, Clausal Normal Form; Procedural vs declarative knowledge representation- Semantic Nets, Frames, Scripts.

Module III: Search Strategies and Expert systems:

Search methods- Uniformed or blind Search-DFS, BFS; Informed or heuristic Search-Best First Search, A* search; Expert System- Architecture, Knowledge bases and Inference Engines, applications of expert systems.

Module IV: Natural Language Processing:

Introduction, Overview of Linguistics, Grammars and Languages,

Module V: Basic Programming Techniques

Programming techniques, Semantic Analysis and Representation Structures, Natural Language Generation, Natural Language Systems.

References:

- 1 Dan W. Patterson, Introduction to Artificial Intelligence And Expert Systems, PHI Learning 2014
- 2 Elaine Rich, Kevin Knight, Shivashankar B Nair, Artificial Intelligence, Third Edition, McGraw Hill Education (India) PVT LTD

Semester III - Course II

(25-274-0302)

Data Structures and Algorithms

(Credit – 5)

Course Objectives:

This course will enable the student to build efficient software. Data Structures and Algorithms are the most-required skills for a programmer. It enables them to become web developers.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the problem statements on a deeper level and create logical solutions to solve them.	Understand
CO 2	To analyse various data structures	Analyse
CO 3	To apply efficient and optimized solutions to real-world problems	Apply

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CO- PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	2	3	2	2
CO 2	2	3	3	2	2
CO 3	3	2	3	3	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course contents:

Module I: Introduction

Introduction: Concept of Data Structures, Types of Data Structures, Linear versus Non-Linear Data Structures, Data Structure Operations.

Module II: Array

Linear Array-Memory representation, insertion and deletion operation, Multidimensional Arrays-memory representation, Sparse Matrices. Linked List: Concept of Linked List, Memory representation, Single Linked List - Traversing, Searching, Insertion, Deletion, Circular Header Linked List, Doubly Linked List - Insertion, Deletion, Difference of Linked List and Array.

Module III: Stack

Representation and operations on Stack using arrays and linked list, application of Stack - Polish Notation- Conversions to Infix, postfix and prefix notations, Infix to postfix conversion using stack, Evaluation of postfix expression using stack Queue: Implementation and operations on Queue using arrays and linked list, Deque- Types Input and output restricted, Priority Queues-Array and Linked list representation.

Module IV: Trees

Concept of Trees, Tree terminologies, Binary tree: Complete and Extended Binary tree, Expression trees, Representation of Binary Tree, Traversing Binary Trees – Preorder, Inorder, Postorder. Binary Search Tree (BST): Search, Insertion and Deletion operations, creating a Binary Search Tree. Graph: Concept of Graph, Graph terminologies, Graph Traversal – BFS, DFS.

Module V: Sorting

Bubble Sort, Selection Sort, and Insertion Sort. Searching: Sequential searching, binary searching. Hashing- hash table, types of hash functions, Collision Resolution Techniques-linear probing, quadratic probing, double hashing, chaining.

References:

1. Seymour Lipschutz, Data Structures, Schaum's outline Series. The McGraw Hill
2. S. K. Srivastava, Deepali Srivastava. Data Structures through C in Depth. BPB Publications. Second Revised & Updated Edition
3. K Sharma. Data Structures using C. Pearson, Second Edition
4. Ashok N. Kamthane, Introduction to Data Structures in C, Pearson
5. Samanta D.: Classic Data Structures, 2e, Prentice Hall India, 2009.
6. Richard F. Gilberg, Behrouz A. Forouzan: Data Structures: A Pseudocode Approach with C, 2e, Cengage Learning, 2005.
7. Aho A. V., J. E. Hopcroft, J. D. Ullman: Data Structures and Algorithms, Pearson Publication, 1983.

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Semester III - Course III

(25-274-0303)

Database Systems

(Credit – 5)

Course Objectives:

This course provides an overview of database management systems (DBMS), responsible for storing, retrieving, and managing large volumes of data. It covers relevant areas such as data modelling, relational algebra, SQL, database design, and transaction management.

Course Outcomes (COs):		Bloom’s Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the concept of database	Understand
CO 2	To analyse the management of concurrent transactions.	Analyse
CO 3	To apply the design concepts and normalization in database easily	Apply

CO-PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	2	2	2	2
CO 2	2	3	3	2	2
CO 3	2	3	3	2	3

1- Slightly/Low, 2 –Moderate/Medium, 3-Substantial/High, “-” = No correlation.

Course contents:

Module I: Introduction

Database system applications, Purpose of database systems, View of data, Database languages, Database design, Database and application architecture. Data models: Hierarchical model, Network model, Entity Relationship model, Object oriented data model, Relational model. Introduction to relational model: Structure of relational database, Database schema, Keys, Relational algebra and calculus.

Module II: Database design using ER model:

Overview of the design process, Entity relational model, Complex attribute, Mapping cardinalities, Primary key, removing redundant attributes in entity sets, Reducing ER diagram to relational schema, Entity relationship design issues. Relational database design: Features of good relational design, Decomposition using Functional Dependencies, Normal forms (1NF, 2NF, 3NF, BCNF, 4NF).

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Module III: Introduction to SQL

Overview of the SQL query language, SQL data definition, Basic structure of SQL queries, Additional basic operations, Set operations, Null values, Aggregate functions, Nested subqueries, Modification of the database, Intermediate SQL: Join expressions, Views, Integrity constraints, Authorization.

Module IV: Transactions

Transaction concept, A simple transaction model, ACID property, Serializability, Concurrency control: Lock based protocol, Deadlock handling, Multiple granularities, insert operations, delete operations and predicate Reads, Timestamp based protocols, Validation based protocols.'

Module V: Basic security issues

The need for security, Physical and Logical security, Design issues, Maintenance issues, Operating system issues and availability, Accountability.

References:

- 1 Silberschatz, Hentry F. Korth, S. Sudarshan, Database System Concepts, Seventh Edition.
- 2 Ramon A. Mata-Toledo and Pauline K. Cushman, Database Management Systems, MC Graw Hill Education.
- 3 Atul Kahate, Introduction to Database Management Systems.

Semester III - Course IV

(25-274-0304)

Constitutional Law-II

(Credit – 5)

Course Objectives:

Constitutional Law governs the relationship between the individual and state power. This course intends to give an understanding of the conceptions of “State” and “law “as envisaged under the Indian Constitution and the extent to which Fundamental Rights are recognized and protected in India. It provides an insight as to how fundamental precepts of the Constitution gets recognized through Fundamental Rights, Directive principles and Fundamental Duties. The course also gives deeper understandings on how judiciary has played a decisive role in assuring the cherished ideals of the Constitution.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the constructive role of the Constitution as a bearer of the fundamental rights and their role as a part of justice delivery system	Understand
CO 2	To analyse how the fundamental rights came to be recognized and protected in India and the different shades of its Constitutional Interpretation by the Courts	Analyse
CO 3	To apply the expertise to develop and articulate appropriate techniques to be employed in Constitutional interpretations	Apply

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CO-PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	1	1	3	1
CO 2	3	1	3	3	-
CO 3	2	1	3	1	-

1- Slightly/Low, 2 –Moderate/Medium, 3-Substantial/High, “-” = No correlation.

Course contents:

Module I: State and Fundamental Rights

Concept of limitation of State power - origin of Fundamental Rights and their incorporation in the Constitution- Definition of State - violation of Fundamental Rights by the State - non state agencies and fundamental rights - Judicial Review -Pre-Constitutional Laws- Doctrine -Doctrines of ultra vires Amendments to the Fundamental Rights- Basic Structure Doctrine.

Module II: Equality and Personal Freedoms

Right to equality - reasonable classification - Arbitrariness and equality- - Protective discrimination - Right to freedom - restriction on freedoms.

Module III: Basic Rights under the Constitution

Right to life and personal liberty – Judicial Expansion of Right to Education-Right against exploitation- Right to Fair trial- Secularism-Religious, cultural and educational right- Minority Rights.

Module IV: Directive Principles of State Policy

Directive principles- the interrelationship between fundamental rights and directive principles of state policy-fundamental duties.

Module V: Constitutional Remedies

Right to Constitutional Remedies – protection against violation of fundamental rights.

References:

- 1 D. Basu, Shorter Constitution of India. (Vol1& 2) 15thedn (2018) Lexis Nexis
- 2 V.N. Shukla, Constitution of India, 15thEdn (2017) Eastern Book Company
- 3 V.D. Sebastian, Indian Federalism: the Legislative Conflicts (1985).
- 4 M.P. Jain, Indian Constitutional Law, (Vol 1&2) 7th Edition, (2018) Lexis Nexis
- 5 H. M. Seervai, Constitutional Law of India, Universal Law Publishing Co.,2013reprint
- 6 Glanville Austin, Indian Constitution-Cornerstone of the Nations, Oxford UniversityPress, 1999
- 7 P.M. Bakshi, The Constitution of India, Universal Law Publishing Co., 2014
- 8 M P Jain , Indian Constitutional Law , 8thedn (2018) , Lexis Nexis

Semester III – Course V

(25-274-0305)

**Jurisprudence (Legal Method, Indian Legal System
and Basic Theory of Law)**

(Credit – 5)

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Course Objectives:

The course intends to provide a detailed idea about the composition and relevance of legal systems and to give the students a clear knowledge about various legal concepts. It intends to demonstrate an idea about the purpose of law in society through various legal theories. The course examines various sources of law in society and to experiment its relevance. The course provides insight as to how to make use of law as an interdisciplinary branch of study.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the basic idea of law and its role in society and to interpret law in different contexts	Understand
CO 2	To analyse the evolution and contemporary application of various jurisprudential propoundments	Analyse
CO 3	To apply in the profession, various qualities of lawyering with a sound theoretical background	Apply

CO-PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1	2	3	1	-
CO 2	1	1	-	-	-
CO 3	-	1	2	3	-

1- Slightly/Low, 2 –Moderate/Medium, 3-Substantial/High, “-” = No correlation.

Course contents:

Module I: Concept and theories on law

Law and its definition- jurisprudence- its meaning and scope- legal theories- Natural Law (Ancient, Medieval and period of Social Contractarians- Revival of Natural Law) Positive Law (Austin & HLA Hart), Hart-Fuller Debate (Law and Morality)- Utilitarianism, Kant's Idealism- Pure Theory of Law, Historical and Sociological School- Emphasis to Maine, Savigny, Roscoe Pound-Dworkin's theory- Hohfeldian Analysis- Environmental and Feminist Jurisprudence- Hegel and Marxian idea of law- Legal Realism.

Module II: Concept and theories on Justice

Idea of Justice-Rawls theory- constitutional justice- balance between fundamental rights and directive principles of state policy- distributive justice- social, economic and political justice-brief introduction to idea of justice by Amartya Sen.

Module III: Legal Concepts.

Legal Concepts- Right- duty, ownership and possession – different kinds of ownership and possession. Persons – natural, legal and corporate- status of unborn person, dead person and idols concept of property- concept of State.

Module IV: Sources of law

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Legal materials - primary - international legal materials, Constitution, legislation, delegated legislation, rules and regulations, customs, conventions and precedents - structure and content of legislation and delegated legislation. Secondary sources of legal materials - text book, digest, encyclopaedia, commentaries, law journal, law commission reports, constituent assembly debates, legislative assembly debates- Sources of law –Custom- Legislation and its classifications.

Module V: Precedents

Precedents to be given emphasis- ratio decidendi & obiter dicta, Doctrine of prospective overruling - reversing and distinguishing of cases, per incuriam, sub silentio, majority and minority opinions, dissenting judgment- Hierarchy of Courts in India.

References:

1. Arthur T. Vanderbilt, Studying Law, New York University Press, Washington, Chapters 6, 8.
2. Glanville Williams, Learning the Law, Universal Law Publishing Co., Delhi, Chapters 4, 5, 6 & 12.
3. P. J. Fitzgerald, Salmond on Jurisprudence, Universal Law Publishing Co., New Delhi (2016).
4. R. W. M. Dias, Jurisprudence, Lexis Nexis, (5th edn., 2013).
5. M. D. A. Freeman, Lloyd's Introduction to Jurisprudence, Sweet & Maxwell (2014).
6. J. W. Harris, Legal Philosophies, Oxford University Press (1980)
6. V. D. Mahajan, Jurisprudence & Legal Theory, Eastern Book Company (2016).
7. Suri Ratnapala, Jurisprudence, Cambridge University Press (2016).
9. Richard A. Posner, The Problems of Jurisprudence, Harvard University Press (1993).
8. N. V. Paranjape, Studies in Jurisprudence and Legal Theory, Central Law Agency, (2019)
9. Lakshminath, Precedent in the Indian Legal System, Eastern Book Co. (1990)

Semester III – Course VI

(25-274-0306)

Law of Crimes – I

(Credit – 5)

Course Objectives

This course intends to provide knowledge and critical understanding of established principles of criminal liability. It aims to familiarise the key concepts of crime and criminal Law. It deals with the range of mental states that constitute *mens rea* essential for committing crime. It specifically illustrates with examples the various stages in the commission of an offence and the liability thereof. It throws light on various degrees of criminal liability. It explains and demonstrates the defenses to criminal liability and its exceptions with the help of case laws. It helps in keeping students abreast of the latest legislative and judicial interpretations

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able :		
CO1	To understand the general principles of criminal law and its distinction from civil liability.	Understand
CO2	To analyse the ingredients of various offences	Analyse
CO3	To apply the defences applicable to criminal law	Apply

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COs-PSO Mapping Table

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO1	2	3	3	1	1
CO2	2	2	3	1	1
CO3	3	3	3	2	1

1- Slightly/Low, 2 –Moderate/Medium, 3-Substantial/High, “-” = No correlation.

Course Contents

Module I: Nature and definition of Crime – Ingredients of crime

Concept of crime - crime and morality - distinction between crime and tort - classification of offences -crime and social contract- Constitutional Values and Crime -Scope and application of Bharatiya Nyaya Sanhita -Privileges and Immunities- Elements of crime – act –omission- causation- principles of criminal responsibility- *actus reus* – *mensrea*– intention– knowledge - negligence - recklessness - application in Bharatiya Nyaya Sanhita and Statutory laws- exclusion of mensrea in socio-economic offences.

Module II : Criminal Liability and Defences

Joint responsibility and vicarious liability - corporate liability-Indian law – Territorial and Extra territorial application of criminal law -Theories of crime and Punishment - capital punishment, Kinds of imprisonment, community service-General exceptions- mistake, judicial acts- accident-unsoundness of mind-intoxication-Necessity- Superior orders-consent-Private defense against body and property.

Module III: Liability and Stages in the Commission of Offences

Stages of crime-Formation of intent–preparation – attempt-attempt to commit impossible crime-Inchoate offences -abetment - criminal conspiracy.

Module IV: Offences against State and Public Order

Offences against state and public tranquility – offences against State- waging war against Government of India- act endangering sovereignty, unity and integrity of India- organized crime and petty organized crimes organized crime syndicate- terrorist act – Decriminalization of sedition – unlawful assembly –rioting – affray - Hate speech.

Module V: Offences against Public Justice

Giving and fabricating false evidence-causing disappearance of evidence – Harboring of offenders- abuse of process of court-false charge of offense- Impersonation-Contempt of court.

References

1. Kenny, Outlines of Criminal Law, 2016.
2. K.D. Gaur, Criminal Law: Cases and Materials, 2020
3. Glanville Williams, Text Book of Criminal Law, 2015.
4. Smith and Hogan, Criminal Law, 2018

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5. K.N.C. Pillai, Cases and Materials on Criminal Law, Eastern Book Co.
6. Ratanlal & Dhirajlal, The Indian Penal Code, Lexis Nexis.
7. Dr KN Chandrasekhara Pillai, General Principles of Criminal Law, Eastern Book Co., 2020.
8. R.C. Nigam, Law of Crimes in India Vol. I & II., 1965
9. Bharatiya Nyaya Samhita.
10. Taxmann, New Criminal Laws, 2024.

SEMESTER IV
Semester – IV - Course I

25-274-0401 Cloud Computing (Credit 5)

Course Objectives:

The aim of this course is to provide students an exposure into the cloud computing domain. Students will get the basic understanding about cloud computing architecture, tools and techniques used for cloud deployment and virtualization techniques.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand various basic concepts related to cloud computing technologies.	Understand
CO 2	To analyse cloud computing models for benefits, limitations, security, and regulatory implications, emphasizing ethical considerations.	Analyse
CO 3	To apply the principle of professional ethics in their professional life	Apply

CO-PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5

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CO 1	3	1	2	1	3
CO 2	2	3	3	3	3
CO 3	1	1	3	3	3

1- Slightly/Low, 2 –Moderate/Medium, 3-Substantial/High, “-” = No correlation.

Course contents:

Module I: Cloud Computing Overview

Origins of Cloud computing – Cloud components – Essential characteristics – On-demand self-service, Broad network access, Location independent resource pooling, Rapid elasticity, measured service, Comparing cloud providers with traditional IT service providers, Roots of cloud computing.

Module II: Cloud Insights:

Architectural influences – High-performance computing, Utility and Enterprise grid computing, Cloud scenarios – Benefits: scalability, simplicity, vendors, security, Limitations – Sensitive information - Application development- security level of third party - security benefits, Regularity issues: Government policies.

Module III: Cloud Architecture:

Layers and Models: Layers in cloud architecture, Software as a Service (SaaS), features of SaaS and benefits, Platform as a Service (PaaS), features of PaaS and benefits, Infrastructure as a Service (IaaS), features of IaaS and benefits, Service providers, challenges and risks in cloud adoption. Cloud deployment model: Public clouds – Private clouds – Community clouds - Hybrid clouds - Advantages of Cloud computing.

Module IV: Virtual machine based distributed computing

Bare-metal hypervisor, virtual machines, creating virtual machines, virtual machine on local host, cloning virtual machines - elastic cloud computing clustering - cold and hot migration - Case studies - KVM, Xen

Module V: Docker and Containers

Basics of Docker, working with docker data, Docker networking, Kubernetes clustering - components and objects, load balancing, Interacting with APIs, Orchestration, AI platforms for machine learning serving

References:

- 1 Toby Velte, Anthony Velte, Robert Elsenpeter: Cloud Computing, A Practical Approach, 1e, McGraw-Hill Education, 2009.
- 2 Rajkumar Buyya, James Broberg, Andrzej Goscinski: Cloud Computing: Principles and Paradigms, 1e, Wiley, 2013.
- 3 Thomas Erl: Cloud Computing: Concepts, Technology & Architecture, 1e, Pearson Education India, 2014.
- 4 Michelle Vine: Networking, Models and Methods of Cloud Computing, 1e, Willford Press, 2016
- 5 Kai Hwang, Geoffrey C. Fox, Jack J. Dongarra: Distributed and Cloud Computing: From Parallel Processing to the Internet of Things, 1e, Elsevier, 2012.

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- 6 Rajkumar Buyya, Christian Vecchiola, S. Thamarai Selvi: Mastering Cloud Computing, 1e, McGraw Hill Education, 2017.
- 7 Brendan Burns, Joe Beda, Kelsey Hightower, Kubernetes: Up and Running: Dive into the Future of Infrastructure, 2e, O'Reilly Media, 2019
- 8 Courses offered through <https://www.qwiklabs>.

Semester IV – Course II **25-274-0402 Predictive Analytics (Credit 5)**

Course Objectives:

This course aims to teach students the fundamentals of predictive analytics, including supervised and unsupervised learning techniques, model evaluation, and practical applications such as email spam detection and customer segmentation. Additionally, students will gain an introduction to reinforcement learning concepts and their real-world applications.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand transmission protocols and web server architecture	Understand
CO 2	To analyse the scope of applying CSS to display HTML elements in Webpage.	Analyse
CO 3	To apply the acquired skills and knowledge to develop web pages using java script	Apply

CO-PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	2	2	2	3
CO 2	3	2	3	2	3
CO 3	3	2	2	3	3

1- Slightly/Low, 2 –Moderate/Medium, 3-Substantial/High, “-” = No correlation.

Course contents:

Module I: Fundamentals of Predictive Analytics

Types of Analytics, Introduction to Predictive Analytics, Types of Predictive Analytics: Supervised, Unsupervised, Semi-supervised, and Reinforcement Learning, Model Evaluation: Metrics such as accuracy, precision, recall, F1-score, and confusion matrix, Email spam detection using Naive Bayes classifier (Supervised Learning), Clustering customer segments in an e-commerce dataset (Unsupervised Learning).

Module II: Supervised Learning Algorithms: Regression

Linear Regression: Single and multiple variables, gradient descent, and regularization, Logistic Regression: Binary and multiclass classification, softmax function, Predicting Housing Prices using Linear Regression, Image Classification using Logistic Regression.

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Module III: Supervised Machine Learning Algorithms: Advanced

Decision Trees and Random Forests: Ensemble methods, bagging, and boosting techniques, Support Vector Machines (SVM): Linear and kernel SVM, hyperplane, and margin, Image Classification using SVM.

Module IV: Unsupervised Learning and Clustering Techniques

Clustering, Hierarchical clustering, k-means clustering, Birch clustering, Measuring cluster goodness, Association rules, Affinity and Market Basket analysis.

Module V: Reinforcement Learning

Reinforced Learning, Introduction to reinforcement learning, Markov decision processes, Q-learning. Policy gradients, Applications of reinforcement learning.

References:

1. Introduction to Machine Learning & quot; by Ethem Alpaydin
2. Hands-On Machine Learning with Scikit-Learn, Keras, and TensorFlow; by Aurélien, Géron
3. Pattern Recognition and Machine Learning by Christopher M. Bishop
4. Interpretable Machine Learning by Christoph Molnar

Semester IV – Course III

(25-274-0403)

Web Technology

(Credit 5)

Course Objectives:

This course will equip students with a comprehensive understanding of modern web technologies, including HTML, CSS, JavaScript, and Django. Students will learn to create responsive web designs, develop dynamic web pages, utilize software design patterns, and build robust web applications using various frameworks and architectural principles

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand transmission protocols and web server architecture	Understand
CO 2	To analyse the scope of applying CSS to display HTML elements in Webpage.	Analyse
CO 3	To apply the acquired skills and knowledge to develop web pages using java script.	Apply

CO-PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	2	2	2	3
CO 2	3	2	3	2	3
CO 3	3	2	2	3	3

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1- Slightly/Low, 2 –Moderate/Medium, 3-Substantial/High, “-” = No correlation.

Course contents:

Module I: HTML, CSS and XML Basics

Characteristics of Modern Web Applications, HTML Responsive Web Design, HTML5 Elements, Attributes and elements, Type of Style sheets: Internal Style Sheet, Inline Style sheet, External Style Sheet, CSS3 Elements and features, CSS frameworks, Content delivery network, Selectors, XML Schema, Presenting XML Using XML Processors: DOM and SAX.

Module II: JavaScript Fundamentals

Introduction to Java Script, Object in JavaScript, Dynamic HTML with Java Script, JavaScript Object Notation, Data types, Arrays, Decisions and Loops, Functions and scope, JavaScript libraries, JavaScript Frameworks, ECMAScript, TypeScript, Single page applications (SPA), Basics of React Web Framework.

Module III: Design Patterns and JavaScript

Creational Design Patterns, Factory Pattern, Abstract Factory Pattern, Prototype pattern, Singleton Pattern, Builder Pattern, Dependency Injection pattern, The Web Services based on technologies such as SOAP, REST, WSDL, Django Framework: Architecture, MTV Architecture Pattern in Django Structure, Data Access with Django and Python, CRUD Operations with Django, Models, Templates, Controllers, Sample Django MTV Web Application

Module IV: Advanced Django and REST API Development

REST API with Django - Advanced, Cache and Sessions with Django, Data Visualization Techniques for small and large data, Fundamentals of web application architecture (1Tier, 2-Tier,3-Tier, N Tier and MVC) and components, User interface app components, Structural components.

Module V: Advanced Django and Web Application Architecture

Introduction to Microservices Architecture, Monolithic vs. Microservices Architecture Comparison, exploring more design patterns in Web development, Building and Integrating Web Services, Real-world Applications and Use Cases.

References:

1. Jeffrey C. Jackson, Web Technologies - A Computer Science Perspective, Pearson Education - 2009.
2. Joseph B. Mille, Internet Technologies and Information Services, ABC-CLIO - 2014.
3. William S Vincent, Django for Professionals: Production websites with Python & Django Paperback, Import - 2019.

Semester IV – Course IV

(25-274-0404)

Administrative Law

(Credit 5)

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Course Objectives:

This course provides insight as to the structure, functions, powers and accountability of administrative authorities towards public. It provides knowledge on the basic principles on which administrative actions/decisions are taken and thus equips the students to know whom to approach when administration fails /deviates from its said legal obligations. It provides an account of remedies available to an individual against the administration and the modes of devolution of administrative powers.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the structure, power and responsibilities of administrative authorities.	Understand
CO 2	To analyse the situations in which state fails in its legal obligations so as to render client advice.	Analyse
CO 3	To apply law to challenging factual situations through constructive interpretation	Apply

CO-PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	-	-	-	1	-
CO 2	-	1	1	1	-
CO 3	1	3	3	2	-

1- Slightly/Low, 2 –Moderate/Medium, 3-Substantial/High, “-” = No correlation.

Course contents:

Module I: Basic Principles of Administrative Law

Meaning - content and growth of administrative law in India - Rule of law and Constitution Doctrine of separation of powers- Classification of administrative functions- rule making, adjudicating and pure administrative functions.

Module II: Forms of Administrative Functions

Delegated Legislation - concept, procedure, validity- controls-Administrative decision making and principles of natural justice – doctrine of fairness- Wednesbury Reasonableness- legitimate expectation-proportionality- Promissory estoppel- administrative discretion- Judicial review of administrative action.

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Module III: Administrative Tribunals in India

Statutory tribunals – Constitutionality- enquiries and commission- Ombudsman- Lokpal and Lokayuktha - CVC.

Module IV: Administrative Privileges and Right to Information

Privileges and liabilities of the administration -Statutory, Contractual, Tortious, Constitutional Protection to Civil Servants-Concept of governmental privilege - Open Government and right to information – Governmental Secrecy.

Module V: Local Self Government in India

Democratic Decentralisation- development- Structure of local self-government-growth- Constitutional- Statutory- Parliamentary-Administrative- Judicial-Controls.

References:

- 1 H.W.R. Wade & C.F. Forsyth, Administrative Law, 11th edn, (2014) OUP
- 2 Jain and Jain, Principles of Administrative Law, (Vol1&2) Lexis Nexis (2017)
- 3 I.P. Massey, Administrative Law.(2017)Eastern Book Company
- 4 T.K. Thakwani, Lectures on Administrative Law 6th edn (2017)Eastern Book Company
- 5 S.P. Sathe, Administrative Law , 7th edn, LexisNexis
- 6 De Smith – Administrative Law , 8th edn , Thomson Reuters
- 7 Foulkes – Administrative Law, 8th edn, OUP

Semester IV – Course V

(25-274-0405)

Family Law – I

(Credit 5)

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Course Objectives:

The course intends to introduce students to Family law as a dynamic field of law concerning a basic social institution, the family. To explain the relevance of Family law in other areas of law such as contracts, constitutional law, conflicts of laws, criminal law, property, trusts and estates, and to illustrate as well as how family law draws on the social sciences. The course will focus on marriage, non-marital families, divorce and maintenance, pathways to becoming a parent and the parent-child relationship under different personal laws and statutes

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the rights and duties of members of family towards each other, with special reference to spousal relationship and will develop knowledge and understanding of substantive family law as well its interaction with many other fields of law, such as contracts, constitutional law, conflicts of laws, criminal law, property, tax, torts, and trusts and estates.	Understand
CO 2	To analyse the role of negotiation, mediation, and other forms of dispute resolution in the practice of family law	Analyse
CO 3	To apply the knowledge to concrete situations to practice as a specialized Matrimonial Lawyer with proper professional and ethical responsibilities.	Apply

CO-PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1	-	1	2	-
CO 2	3	1	1	2	-
CO 3	2	1	1	3	2

1- Slightly/Low, 2 –Moderate/Medium, 3-Substantial/High, “-” = No correlation.

Course contents:

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Module I: Marriage and Divorce under Hindu Law

Sources of Hindu law - Concept of marriage in general - Solemnization of Marriage under Hindu Marriage Act- Validity of marriage – Registration of Marriage - Restitution of Conjugal Rights - judicial separation –Theories of Divorce - Grounds of divorce -Maintenance under Hindu personal law and other statutory laws.

Module II: Marriage and Divorce under Muslim Law

Sources and schools of Muslim law - Solemnization of marriage – Nikah –Classification of Marriage and its Validity – Kinds of dower - Divorce – Extra judicial and Judicial modes of Divorce – Maintenance under Muslim personal law and other statutory laws.

Module III: Marriage and Divorce under Christian Law

Sources of Christian law – Solemnization of marriage - Validity of marriage – Registration of Marriage – Divorce - Grounds of divorce - Maintenance under Christian personal law and other statutory laws.

Module IV: Marriage under Special Marriages Act

Procedure for marriage and matrimonial reliefs under the Special Marriages Act-Registration of marriage – Live-in relationship – conflict between personal law and statutory laws.

Module V: Legal Provisions of Adoption

Adoption –Inter-country Adoptions-CARA guidelines– Adoption and maintenance Act– Minority and Guardianship Act - Prohibition of Child Marriage Act.

References:

- 1 Mulla, Principles of Hindu Law (23rd Edition)
- 2 ParasDiwan, Family Law (2018)
- 3 PoonamPradhanSaxena, Family Law Lectures, Family Law-I, (4th edition)
- 4 Mulla, Mohamedan Law. (5th Edition)
- 5 Prof. G V C Subbarao, Family Law in India (2018)
- 6 Tahir Mohamed, Muslim Law in India. (5th Edition)
- 7 Sebastian Champappilly, Christian Law. (2007 Edition)
- 8 E.D. Devadasan, Handbook of Christian Law. (1st Edition).
- 9 RanganathMisra, Mayne's Treatise on Hindu Law & Usage (17th Edition, 2014)
- 1 Satyajeet A. Desai, Mulla Principles of Hindu Law, Vol. I & II (21st Edition., 2011)
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Semester IV – Course VI

(25-274-0406)

Law of Crimes – II

(Credit 5)

Course Objectives:

This course provides insight on various categories of offences viz. those affecting the society, those affecting human body, specific offences against women. It helps in examining the legislative history behind the inclusion of certain offences and examining the offences which

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were decriminalised. It also helps in understanding the judicial interpretations given to the provisions in the light of decided cases.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	To understand the ingredients of different offences under penal legislations.	Understand
CO2	To analyse the judicial interpretation relating to different offences	Analyse
CO3	To apply acquired knowledge to advice clients about the defences that could be taken	Apply

COs-PSO Mapping

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4
CO1	2	3	3	1
CO2	2	3	2	1
CO3	1	3	3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Contents

Module I: Offences against Public Health, Safety, Decency and Morals

Offences against public order, health and morality- public nuisance –Spreading of infectious diseases -adulteration of food and drugs - negligent and dangerous driving - obstructing public ways – keeping dangerous animals – obscenity- Need for making certain acts as offences- Mob Lynching- honour killing.

Module II: Offences against Human Body

Offences against human body - culpable homicide, murder- murder by life-convict – causing death by negligence and the punishment scheme - Hurt- grievous hurt, simple hurt – wrongful restraint –wrongful confinement-assault- kidnapping and abduction- Offences against the unborn child– Rash or negligent acts -Attempt to murder – abetment of suicide-Decriminalisation of attempt to Suicide –Attempt commit suicide to restrain exercise of lawful power-Criminal force and assault — decriminalizing unnatural offence

Module III : Offences against Women and Offences Relating to Marriage

Outraging the Modesty of Women- Voyeurism- Stalking- Rape – sexual intercourse by deceitful means-Acid Attack - Offences relating to marriage- -bigamy- Decriminalisation of adultery-cruelty by husband

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Module IV : Offences Relating to Property

Offences against property - theft, snatching, extortion- robbery and dacoity - criminal misappropriation- criminal breach of trust –stolen property- cheating – mischief -criminal trespass- Housebreaking

Module V: Other Offences

Offences relating to religion-Offences relating to documents, trade and property marks-forgery- counterfeit- criminal breach of contract of service- criminal intimidation, Insult and annoyance-defamation.

References

1. Bharatiya Nyaya Sanhita, 2023
2. Kenny, Outlines of Criminal Law 19th edn
3. R.C. Nigam, Law of Crimes in India Vol.I& II
4. K.D.Gaur, Criminal Law: Cases & Materials ,2015
5. Glanville Williams, Text Book of Criminal Law , 2015
6. K. I. Vibute, P. S. A. Pillai's Criminal Law, , Lexis Nexis , 2019
7. Ratanlal& Dhirajlal, The Indian Penal Code, Lexis Nexis.
8. K. N. Chandrasekharan Pillai, General Principles of Criminal Law, Easter Book Co., 2020

SEMESTER V

Semester V – Course I

(25-274-0501) Ethics and Society in Computing (Credit 5)

Course Objectives:

This course examines the ethical implications of computing technologies and their impact on society. It covers topics such as privacy, intellectual property, social impact, artificial intelligence, and cybersecurity.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the various ethical theories which can be used to form the basis of solutions to moral dilemmas in computing	Understand
CO 2	To analyse the traditional and current Issues related to Computers, Information Systems, Ethics, Society and Human Values	Analyse
CO 3	To apply the skills of critical analysis and applying ethical principles to situations and dialectical thinking	Apply

CO-PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	2	2	2	2
CO 2	2	3	3	2	2
CO 3	2	2	3	2	2

1- Slightly/Low, 2 –Moderate/Medium, 3-Substantial/High, “-” = No correlation.

Course contents:

Module I: Introduction

Ethics- definition, theories-difference between ethics and morality- Digital era and ethical dilemmas-The need for Computer Ethics -Training and Historical Milestones.

Module II: Defining the Field of Computer Ethics

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Definition-Computer ethics codes, Sample Topics in Computer Ethics. Computer crime and computer security - Software theft and intellectual property rights - Computer hacking and the creation of viruses -. Computer and information system failure - Invasion of privacy. Privacy in the Workplace and on the Internet - Social implications of artificial intelligence and expert systems - The information technology salesman issues.

Module III: Transparency and Virtual Ethics

Transparency- virtue ethics- Free Speech, Democracy, Information Access.

Module IV: Developing the Ethical Analysis Skills and Professional Values

Ethical analysis skill- professional values-, Privacy, Accountability, Government Surveillance – cyber security- ethical dilemmas.

Module V: Boundaries of Trust

Trust Management-Wikipedia- Virtual Trust-Plagiarism in Online Environment- Intellectual Property- Net neutrality

References:

- 1 Deborah, J, Nissenbaun, H, Computing, Ethics & Social Values, Englewood Cliffs, New Jersey, Prentice Hall, 1995.
- 2 Spinello, R, Tavani, H, T, Readings in Cyberethics, Sudbury, MA, Jones and Bartlett Publishers, 2001.
- 3 Bynum, T, W; Rogerson, S, Computer Ethics and Professional Responsibility, Blackwell, 2004

Semester V – Course II

(25-274-0502)

Software Engineering

(Credit 5)

Course Objectives:

This course equips students with the principles and practices of software engineering, ensuring the development of high-quality, reliable, and maintainable software. It throws light on certain areas such as software design, development methodologies, testing, and quality assurance.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the importance of having a process for software development.	Understand
CO 2	To analyse the process of software development	Analyse
CO 3	To apply various models in the software development projects.	Apply

CO- PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	1	3	1	1

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CO 2	3	2	3	3	1
CO 3	3	2	3	3	1

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course contents:

Module I: Introduction:

Evolution, Software Development Projects-Program versus product, Types of Software Development Projects Software life cycle models: A few basic concepts, Waterfall model and its extensions, Rapid Application Development (RAD), Agile development models, Spiral model, Comparison of different life cycle models.

Module II: Software Project Management

Project Planning, Metrics for project size estimations, Project Estimation Techniques, Basic COCOMO model, Scheduling-Work break down structure, Activity Network, Basic concepts of CPM, PERT and Gantt Chart. Software Requirements Analysis and Specification: Requirements gathering and analysis, Software Requirements Specification.

Module III: Software Design

Overview of the design process, how to characterize a good software design, Cohesion and Coupling, Approaches to software design, Function oriented design: Overview of SA/SD Methodology, Structured analysis, developing the DFD model of a system, Structured Design.

Module IV: Coding and Testing

Coding, Code review, Testing, Unit testing, Black box testing, white box testing: Basic concepts, Debugging, Integration testing, system testing, Software Reliability and quality management: Software reliability, Software maintenance: Characteristics of software maintenance, Software reverse engineering.

Module V: Emerging Trends

Client Server Software, Client Server architectures, CORBA, Service Oriented Architectures (SOA), Software as a Service.

References:

1. Rajib Mall, Fundamentals of Software Engineering, Fifth Edition,
2. Pankaj Jalote, An Integrated Approach to Software Engineering, Narosa Publishing House
3. Software Engineering - A practitioner's approach (Sixth Edition),
4. Roger S Pressman-McGraw Hill Companies, Inc.

Semester V – Course III

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(25-274-0503)

Consumer Protection Law

(Credit 5)

Course Objectives:

This course is intended to provide an idea about the scope and application of consumer protection laws in India. This further discusses the various quality standards and marks for the protection of consumers as well as the issue of defect and deficiency in goods and services. This course also provides an idea about the mechanisms for the enforcement of consumer rights in India.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand about various consumer rights and the laws dealing with such rights.	Understand
CO 2	To analyse the unfair practices in the market and advice about the same to his friends and relatives.	Analyse
CO 3	To apply consumer remedies before adjudicatory bodies not only for him but also on behalf of others against defect or deficiency	Apply

CO- PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	2	-	1	3	2
CO 2	3	2	1	3	-
CO 3	3	1	2	3	-

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course Contents

Module I: Introduction

Consumerism - origin and development - consumer movement -consumer organizations in India - protection of consumer under contract, tort and criminal law - consumer protection councils - Concept of consumer - definition - consumers of government service, statutory service and consumers of common property - consumer of service and unfair trade practices – Rights of Consumers.

Module II: Consumer Safety

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Unsafe and hazardous substances - false and misleading advertisements - disparaging competitors and falsification of trademarks – International and other foreign jurisdictions.

Module III: Defects in Goods

Consumer of goods - defects in goods - standard of purity, quality and potency - law on food and drug safety - weight and measures - standardization of goods - supply of essential commodities - quality control on sale and hire purchase – FSSA Act - BIS and AGMARK – FSSAI Mark, ISI Mark, GM Mark.

Module IV: Deficiency in Service

Supply of services - deficiency in service - professional and public utility service - doctors, lawyers, electricity, communication, housing and banking - commercial services - hiring, financing and agency services – Education.

Module V: Enforcement of Consumer Rights

Enforcement of consumer rights - Consumer Forum under Consumer Protection Act - jurisdiction, functions and powers - procedure - execution of orders - judicial review - class action and administrative remedies.

References:

- 1 Dr. Avtar Singh, Consumer Protection Laws, EBC, Lucknow, 2018
- 2 G. B. Reddy, Law of Consumer Protection, Hyderabad: Gogia Law Agency, 2014
- 3 Mamta Rao, Public Utility Services under the Consumer Protection Act, Deep and Deep Publications, New Delhi, 1998
- 4 V N Viswanathan, Consumer Rights in Service Sector, D. K. Agencies, New Delhi, 2008
- 5 Rifat Jan, Consumerism and Legal Protection of Consumers, Deep & Deep Publishers, New Delhi, 2007.
- 6 MMNabi, et al, Consumer Rights and Protection in India, New Century Publications, 2015
- 7 D P Wadhwa & N L Rajah, The Law of Consumer Protection (Set of 2 Volumes), Lexis Nexis, 2017
- 8 Dr. H. K. Saharay, Text Book on Consumer Protection Law, Universal Law Publishing Co, 2017
- 9 P K Dutta, Consumerism and Consumer Protection in India: Law and Practice, Himalaya Publishing Co, 2015.

Semester – V: Course IV

(25-274-0504)

Family Law II

(Credit 5)

Course Objectives:

The objective of the course is to introduce students to the laws relating to family matters governing succession, partition, gifts and religious endowments applicable to Hindus, Muslims and Christians. The course will focus on property relations in a family and the legal incidence of joint family, testamentary succession and intestate succession under the different personal laws marriage and statutes. The course will also give overview to the students and enhance their understanding on property rights of females and make them understand the lacunas in the law.

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Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the basic principles and procedures relating to succession and inheritance under different personal laws.	Understand
CO 2	To analyse the operations of personal laws regarding testamentary and intestate successions.	Analyse
CO 3	To apply different personal laws with regard to administration of religious endowments	Apply

CO- PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1	-	-	3	1
CO 2	2	3	-	2	-
CO 3	3	-	-	3	1

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course Contents:

Module I: Coparcenary, Survivorship, Partition in Joint Hindu Family

Concept of joint Hindu family - Coparcenary under Mitakshara and Dayabhaga law – Kinds and Sources of property – Karta – Status, powers and duties – Principle of survivorship and succession – Daughter as a Coparcener - debts and pious obligations – Partition of Joint Hindu Family Property - Legislative and Judicial responses before and after 2005.

Module II: Inheritance under Hindu Law

Application of Hindu Succession Act - General principles of Inheritance - Disqualifications of heirs – Succession to the Property of male intestate - Succession to the Property of female intestate - Hindu Women's estate - Dwelling house and Right of Pre-emption

Module III: Inheritance under Christian and Muslim Law

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General rules of inheritance under Muslim law - Classification of heirs under Sunnis and Shias - Entitlement of heirs – General rules of inheritance under Christian law – diversity in inheritance laws - classification of heirs and their entitlement.

Module IV: Testamentary Succession

Testamentary succession under Hindu, Muslim and Christian Law – Limitation to testamentary powers under various religious and statutory laws – Will and administration of will – Codicil - Probate, letters of administration and succession certificate.

Module V: Gift and Religious Endowments

Alienation of property by gift among Hindus, Muslims and Christians - Hindu religious endowments –Wakf –Types and administration of wakf – Mutawalli and his powers.

References:

- 1 Mulla, Principles of Mohammedan Law. (21st Edition)
- 2 Munshi Tayyibji, Tayyibji Muslim Law.
- 3 Poonam Pradhan Saxena, Family Law Lectures, Family Law-II, (4th Edition)
- 4 Tahir Mohammed, The Muslim Law of India. (5th Edition)
- 5 Hidayatullah, M., and Arshad Hidayatullah. Mulla's Principles of Mohamedan Law, 19th ed. New Delhi: LexisNexis Butterworths, 2006
- 6 Paras Diwan, Law of Marriage and Divorce. (7th Edition)
- 7 Sebastian Champapilly, Christian Law. (2007 Edition)
- 8 Paruck. The Indian Succession Act, 9th ed. New Delhi: LexisNexis Butterworths, 1995.
- 9 E.D. Devadasan, Handbook of Christian Law. (1st Edition)
- 10 Bakshi P. M. Law of Succession, 6th Edition, 1997.

Semester – V: Course -V

(25-274-0505)

Law of Crimes-III

(Credit 5)

Course Objectives:

This course intends to give the students an insight into the philosophy of procedures prescribed in the Criminal Procedure law and to provide a comprehensive understanding of the structure and function of the criminal Justice system, the various procedures involved from the stage of setting the law into motion, investigation, trial, and post-trial procedures. It also aims to create the ability in the students to evaluate the efficacy of the various Procedural rules and its impact on the criminal justice system. The course intends to cover the contemporary judicial and legal trends in this area.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO1	To understand key legal terms, concepts and processes in criminal procedural law	Understand
CO2	To analyse the procedural steps from investigation to trial and post-trial procedures and to analyze factual scenarios to identify	Analyse

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	procedural issues and potential defenses	
CO3	To apply the criminal procedure as a facet of “fair just and reasonable procedure” enshrined under Article 21 of the Constitution of India.	Apply

CO - PSO Mapping:

CO/PSO	PO1	PO2	PO3	PO4
CO1	3	3	3	2
CO2	2	3	3	2
CO3	3	2	3	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course Contents

Module I: Background of Bhartiya Nagarik Suraksha Sanhita, 2023 (BNSS)

Enactment of BNSS – Object - Hierarchy of Courts– Classification of Offences- Functionaries under the Code - Jurisdiction and hierarchy of criminal courts – Offences-cognizable and non-cognizable- Bailable and non-bailable- summons case and warrant cases- Police- Prosecutors- Directorate of Prosecution- Defence Counsel- Executive Magistrate and Judicial Magistrate- Prison Authorities and Correctional services Personnel

Module II: Pre-trial Procedures - Police- Powers and Functions- Investigation-Prosecutors

Police - organization of police - hierarchy of police departments - powers and function of police - Designated Police Officer- Initiation of Criminal proceedings- Arrest- Arrest without warrant- Rights of arrested persons- Arrest by private person- Procedure for effecting arrest- Medical examination of accused – person accused of rape and arrested person- Arrest of persons against whom warrant issued-Bail- Search and Seizure- Recording of search and seizure through audio-video electronic means- Attachment, forfeiture and restoration of property- Investigation- - information to police in cognizable and non-cognizable cases- Zero FIR- Recording of confession and statement -safeguards- Medical examination of victim of rape- Procedure when investigation cannot be completed in 24 hours- judicial trends- Police Report- Cognizance of Offences- Limitations - Prosecution- Role of Prosecutor in Criminal Procedure-Withdrawal from Prosecution .

Module III: Trials- Procedures

Trial - concept of fair trial – Charges- complaints to Magistrate- trial of summons and warrant cases - trial before sessions court- Compounding of offences- trial and proceedings in electronic mode- Inquiry, trial or judgment in absentia of accused and proclaimed offender- Evidence of Public servants, experts and police officers- Audio Visual Recording of Trial - trial before High Courts-summary trials-plea bargaining- Discharge and Acquittal – victim oriented approach.

Module IV: Judgment –Appeals- Probation- Bail- Juvenile Justice

Judgment- appeal- Appeal by state against sentence- Appeal against acquittal- Reference and Revision- Execution, suspension, remission and commutation of sentences- bails and bonds- Bail in case of Non-bailable offences- Anticipatory bail-Probation-compensation to victims-Witness Protection

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scheme- Law relating to child in conflict with law- authorities in relation to child in conflict with law-institutions of juvenile care.

Module V: Maintenance- Inherent Powers-Preventive and Precautionary measures

Maintenance to wives, children and parents- inherent power of the High Court-judicial interpretations- Dispersal of unlawful assemblies- Protection against prosecutions- Removal of Public nuisance- Persons bound to conform to lawful directions of the Police-Security for Keeping peace-maintenance of public order and tranquillity.

References:

1. Bhartiya Nagarik Suraksha (second) Sanhita, 2023
2. R.V. Kelkar, Criminal Procedure, Eastern Book Co., (6th Edn.-2018)
3. Ratanlal, The Code of Criminal Procedure, Lexis Nexus, 2011
4. Peter J., Koppen et.al (eds.), Springer publications, (1st Edn.- 2003)
5. Kerstin Braun, Victim Participation Rights, Springer (e-book)
6. V. Sithannan, Police Investigation Powers, Tactics and Techniques, 2018
7. MathewLippman, Criminal Procedure, Sage Publications (4th Edn.-2019)
8. Jacqueline E. Ross, Comparative Criminal Procedure, 2018

Semester – V: Course VI

(25-274-0506) Law of Evidence (Credit 5)

Course Objectives:

The course aims to help students understand the application of rules of relevancy, admissibility and appreciation of evidence in the trial process and civil proceedings. The course intends to provide insights about interpretations given by the courts on tendering of evidence, reliability of evidence and burden of proof in civil and criminal cases. The difference in the perspectives of admissibility of evidence under special legislations will also be disused.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able :		
CO 1	To Understand the relevance and admissibility of evidence	Understand
CO 2	To analyse the critical thinking skills necessary in the conduct of litigations and in adducing of evidence	Analyse
CO 3	To apply and interpret the laws of evidence and become successful lawyers, prosecutors and judges	Apply

CO- PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5

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CO 1	2	3	3	3	3
CO 2	2	2	2	2	3
CO 3	3	2	2	3	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course Contents:

Module I: Basic Principles of Law of Evidence

History and development of law of evidence- salient features- definition- legal and logical relevancy- Relevancy and Admissibility- Best evidence rule- Fact, fact in issue and relevant fact- Kinds of evidence- Evidence and proof- Concepts- Constitutional protections and adducing of evidence- Special legislations and Evidence Act- Family courts, Forest and Excise cases.

Module II: Relevant Facts as Evidence

Relevancy of facts- *Res gestae* –Common intention- identity and identification- Facts otherwise irrelevant- proof of right or custom- Circumstantial evidence- principles –Motive, preparation, conduct, occasion, cause, opportunity, state of mind, body, bodily feeling- similar facts. Facts delineating accidental occurrences and intentional acts. Exclusion of hearsay evidence and exceptions- Admissions –Principles and applicability- Confessions & Coercion - kinds of confessions, valid confession, principles, exceptions- Confession to Police– Recovery pursuant to authoring concealment - Applicability and evidentiary value- Co accused and approver- Declarations by persons who cannot be called into court as witnesses – Dying declaration – Relevance of judgements as evidence - Expert opinion- Opinion as to rights, custom, usages, tenets, relationships etc. Character evidence- civil and criminal cases- principles, applicability, exceptions and evidentiary value, witnesses- evidence of character of victims of sexual offences pertaining to previous sexual experience regarding issues of consent.

Module III: Vehicles of Evidence

Facts which not be proved-Judicial notice- Extra Judicial Operation - Oral evidence- Rule against Hearsay Evidence-Documentary evidence- Primary and secondary evidence- kinds – rules regarding admissibility- Proof of execution of documents- Attestation- Proof of handwriting to prove execution – Exclusion of oral by documentary evidence- Kinds of documents- Ambiguity in documents- Presumption of documents- cyber laws- Electronic and digital evidence- Admissibility, Reliability and Burden of Proof -Electronic Discovery— appreciation of scientific evidence .

Module IV: Discharging the Onus

Burden of proof- concept- Application at different levels- Standard of proof- General and special exceptions- Reversal of burden of proof in special legislations - Kinds of Presumptions – Presumption of law, fact and conclusive proof -Presumptions and burden of proof- - Presumption as to legitimacy of child and presumption as to matrimonial offences- dowry death – abetment to commit suicide by a married woman - Presumptions as to life and death- Presumptions as to absence of consent in rape – Presumption as to certain Offences - Estoppel- Scope, principle, kinds, applicability- Waiver and presumption.

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Module V: Dynamics in Trial Process

Trial- Relevance of evidence taken before trial- competency and compellability of witnesses- Privileged communications- Categories, scope and exceptions- Examination of witnesses and various categories of examinations- Rules pertaining to the conduct of various examinations-Corroboation and contradiction- Principles and mechanics- Hostile witnesses- Witness protection programme- Leading questions- Refreshing memory- Compulsion to answer questions- Improper admission or rejection of evidence- Judge's power to intervene in trial.

References:

1. Bharatiya Sakshya Adhiniyam, 2023
2. U L Bhat, Relevancy, Proof and valuation of Evidence in Criminal cases, Lexis Nexis, 2020
3. Narvankar, Electronic Evidence in the Court Room, Lexis Nexis, 2022
4. Woodroffe and Amir Ali's Law of Evidence, Lexis Nexis, 2019
5. Ratanlal and Dhirajlal's Law of Evidence, Lexis Nexis, 2017
6. A Nageshwar Rao, The Indian Evidence Act, Lexis Nexis, 2019
7. Dr. V.Krishnamachari, Law of Evidence, Gogia & Co., 2017
8. 5.Batuklal ,The Law of Evidence, Central Law Agency, 2016
9. Avtar Singh, Principles of The Law of Evidence, 2018
10. K.D. Gaur, Text Book on the Indian Evidence Act, Universal Law Publications, 2016
11. R, Ramachandran, Digest of Indian Evidence Act, Taxmann's, 2017
12. R, Ramachandran, Forensic Evidence, Taxmann's, 2019
13. Surendar Pal Singh, Art of Cross Examination, Kamal Publishers, 2019
14. Justice U.L. Bhat. Lectures on The Indian Evidence Act, 2016
15. C.D. Field's Commentary on Law of Evidence, 2013
16. Dr.Jaisingh P. Modi, A Textbook of Medical jurisprudence and Toxicology, LexisNexis Butterworths, 2016

Semester VI

Semester – VI: Course I

25-274-0601

Deep learning

(Credit 5)

Course Objectives:

This course covers deep learning fundamentals, architectures, operations, and practical applications. Students will learn neural network basics, explore architectures like CNNs, RNNs, and GANs, and understand deep learning operations. By the end, they'll be equipped to apply deep learning techniques to tasks such as image classification, sentiment analysis, and object detection.

Course Outcomes (Cos):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand data preprocessing techniques, loss functions, and regularization methods to train deep learning models effectively.	Understand
CO 2	To analyse and evaluate deep learning architectures for specific tasks in computer vision, NLP, and generative modeling.	Analyse
CO 3	To apply knowledge of deep learning principles to create and implement a simple feedforward neural network	Apply

CO- PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	2	2	3	3
CO 2	3	3	2	3	3
CO 3	3	2	3	3	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course contents:

Module I: Introduction to Deep Learning

Definition and Motivation, Overview and Key Milestones behind Deep Learning, Deep Learning vs. Traditional Machine Learning: Comparison, Advantages and limitations of Deep Learning.

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Module II: Basics of Neural Network

Structure and Function of Artificial Neuron, Activation Functions, Building Blocks: Layers, Weights, Bias, Forward and Backward Propagation, Implementation of Feedforward Neural Network

Module III: Deep Learning Architectures

Multi-Layer Perceptron, Back Propagation Algorithm, Convolutional Neural Networks (CNN): Architecture, Pooling, Usecases: Image Classification, Object Detection, and Image Segmentation, Recurrent Neural Networks (RNNs): Architecture, Long Short-Term Memory (LSTM), Gated Recurrent Unit (GRU), Generative Adversarial Networks (GANs): Training to generate images, music, or text, Applications of GAN: art generation and data augmentation.

Module IV: Deep Learning Operations

Introduction to Deep Learning Operations: Significance and Management, DL Models in Production: Challenges, Complexities, Model Versioning, and Collaboration, Tools for collaborative development and model versioning, Continuous Integration and Continuous Deployment (CI/CD), Scalability and Distributed Training, Monitoring and Logging, Model Governance and Ethics, Automated Machine Learning (AutoML)

Module V: Practical Applications of Deep Learning

Image Classification: Use CNN for Image Classification, Natural Language Processing (NLP): Train RNN for Sentiment Analysis, Computer Vision: Object Detection using Pre-trained Models, Image Generation using GAN

References:

1. "Deep Learning" by Ian Goodfellow, Yoshua Bengio, and Aaron Courville.
1. "Neural Networks and Deep Learning: A Textbook" by Charu Aggarwal.
2. "Dive into Deep Learning" by Aston Zhang, Zack C. Lipton, Mu Li, and Alexander J. Smola.
3. "Generative Deep Learning: Teaching Machines to Paint, Write, Compose, and Play" by David Foster.

Semester – VI: Course II

25-274-0602 **Natural Language Processing and Information Retrieval** **(Credit 5)**

Course Objectives:

This course aims to provide students with a comprehensive understanding of Natural Language Processing (NLP) techniques, covering linguistic essentials, machine learning, and deep learning approaches. By the end, students will be proficient in applying NLP techniques to tasks such as sentiment analysis, entity recognition, and text generation, while also understanding ethical considerations in NLP applications.

Course Outcomes (Cos):	Bloom's Taxonomy Level

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After completion of the course, the student will be able:		
CO 1	To understand the fundamental concepts, historical development, linguistic essentials, and text preprocessing techniques in NLP.	Understand
CO 2	To analyse deep learning models and Transformer-based architectures to tackle complex NLP tasks, such as sentiment analysis and language generation.	Analyse
CO 3	To apply various machine learning algorithms and text representations to perform sentiment analysis and text classification tasks.	Apply

CO- PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	2	2	2	3
CO 2	3	2	3	3	3
CO 3	3	3	3	3	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course contents:

Module I: Introduction to Natural Language Processing

Introduction to NLP: Definition, Scope, and Historical Background, Linguistic Essentials for NLP: Phonetics, Phonology, Morphology, Syntax, Semantics, and Pragmatics, Text Pre-processing: Tokenization, Stemming, and Lemmatization, Stop word removal, Part-of-speech tagging, Named Entity Recognition (NER).

Module II: Language Modelling & Machine Learning Techniques

Language Modelling: N-grams, Hidden Markov, Models (HMM), Introduction to neural language models, Machine Learning for NLP: Supervised, unsupervised, and semi-supervised learning in NLP, Feature extraction for text data, Sentiment analysis as a classification problem

Module III: Text Classification & Language Understanding

Text Classification: Naive Bayes Classifier, Support Vector Machines, Neural Network for Text Classification (CNN, RNN), Language Understanding: Introduction to Word Embeddings (Word2Vec and Glove), Distributional Semantics and Word Similarity, Text Representation using TF-IDF, Sequence-to-Sequence Models, Attention Mechanisms.

Module IV: Advanced NLP Topics

Deep Learning for NLP: Transformer-based models (BERT, GPT, XLNet), Fine-tuning pre-trained models, Sentiment Analysis and Emotion Recognition: Aspect-based Sentiment Analysis, Detecting emotions from text using deep learning, Named Entity Recognition and Entity Linking, Entity Linking with knowledge bases, Natural Language Generation: Text Generation with Recurrent Neural Networks, Introduction to Generative Adversarial Networks (GANs) for text.

Module V: NLP Applications and Ethics

Information retrieval models: Boolean Retrieval, Vector Space Models, Evaluation Metrics, Question Answering Systems: QA pipelines, Reading comprehension with attention-based

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models, Text Summarization: Extractive vs. Abstractive Summarization, Sequence-to-Sequence models for summarisation, Ethics, and Bias in NLP: Addressing bias in language models, Ethical considerations in NLP applications, Responsible use of NLP in society.

References:

1. Speech and Language Processing by Daniel Jurafsky and James H. Martin
2. Natural Language Processing in Action by Lane, Howard, and Hapke
3. Deep Learning for Natural Language Processing by Palash Goyal, Sumit Pandey, and Karan
4. Ethics of Artificial Intelligence and Robotics edited by Vincent C. Müller

Semester - VI: Course III

(25-274-0603) Civil Procedure Code and Limitation Act (Credit 5)

Course Objectives:

The course intends to impart basic knowledge about the civil procedure followed in Indian courts and thereby enable one to get familiarized with the proceedings followed in civil courts. The course introduces and provides insights on practice and procedures followed in civil courts. It also facilitates the students to interact with the practicing lawyers and to share their experiences.

Course Outcomes (Cos):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the proceedings and practices in the civil court.	Understand
CO 2	To analyse the ways in which documents are being drafted and pleaded in civil courts.	Analyse
CO 3	To apply the relevant knowledge regarding civil procedure while undertaking practice of law in civil courts	Apply

CO/PSO Mapping

CO/PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	1	2	3	3
CO2	3	1	1	3	1
CO3	3	2	2	3	1

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course Contents:

Module I: Fundamentals of Civil Procedure:

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Suits in General- Definitions - Decree, decree holder, judgment, judgment debtor, legal representative, mesne profit, order and pleader, Cause of action- Jurisdiction of the Courts (Subject matter, territorial and pecuniary)- res subjudice - res judicata- Foreign Judgment.

Module II: Civil Litigation

Suits - Parties to Suits- Framing of Suits- Pleadings generally - Complaint –Written Statement- (Set-off & Counter-claim)- Appearance of parties - Ex parte Decree, dismissal for default- Costs and Interest- Filing a Caveat

Module III: Civil Court Trial

Trial of suits and Execution of Decree- Summons-Issue and Service of Summons- Summoning and Attendance of witnesses- Withdrawal and adjustment of Suits- Examination of parties by the court- Temporary & permanent injunction and Interlocutory Orders- Issue of commissions-Arrest and Attachment before Judgment- Execution of Decrees - Executing Court, - Modes of Execution etc.

Module IV: Civil Appeals, Review and Revisions

Appeals, Reference, Review and Revision- General provisions relating to appeals- First Appeal -Second Appeal- Appeals to the Supreme Court -Appealable Orders - Reference – Review-Revision -Inherent Powers of Court- Special suits- Suits by/and against minors and person of unsound mind-Suits by/ and against indigent person- Suit by/and against Government.

Module V: Limitation Act

The Limitation Act-General Provisions as to the Bar of Limitation and Extension of the prescribed time-rules of exclusion -Acquisition and Extinguishment of Proprietary rights by the virtue of limitation

References

1. Dinshaw Fardauzi Mulla, Mulla's Code of Civil Procedure, Lexis Nexis (19th edn., 2017)
2. Sudipto Sarkar & M. L. Singhal, Sarkar's Code of Civil Procedure, (2 Vols), Lexis Nexis India (12th edn., 2017)
3. Universal's Code of Civil Procedure, 1908 (Bare Act)
4. C. K. Takwani, Civil Procedure with Limitation Act, Eastern Book Company 8th edn., 2017).
5. M.R. Malik, Ganguly's Civil Court, Practice and Procedure, Eastern Law House (2012).
6. M.P. Tandon, Code of Civil Procedure, Allahabad Law Agency (2005).
7. Advocate K. V. Siva Prasad, The Limitation Act, 1963, MJS Publication (2018).

Semester – VI: Course IV

(25-274-0604)

Company Law

(Credit 5)

Course Objectives:

The course is intended to acquaint the students with fundamental principles of law relating to companies. It will help students to learn about concepts such as share capital and debt capital.

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It will help students familiarise with the governance process in companies and the rights of shareholders. It also discusses the administrative controls over companies and the winding up process.

Course Outcomes (Cos):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the general principles relating to company law.	Understand
CO 2	To analyse functioning of companies and regulatory controls over governance of companies.	Analyse
CO 3	To apply the necessary knowledge in company law principles so as to undertake legal practice before Company Law Tribunal and appellate courts on company matters	Apply

CO/PSO Mapping

CO/PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3	2	3	3	2
CO2	2	2	2	3	1
CO3	3	1	2	3	2

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course Contents:

Module I: Introduction to Company Law

Corporate Personality - Advantages and Disadvantages of Incorporation- Formation of company - Promoters-Registration and incorporation of company - Memorandum and Articles of Association - Doctrine of ultra vires, indoor management and constructive notice-concept of corporate governance-Different kinds of company.

Module II: Share Capital and Debt Capital

Concept of Share-Issue of shares and securities- role of SEBI-Prospectus - misrepresentation and remedies –Criminal liability - Allotments of shares – Alteration, reduction and further issue of share capital-Forfeiture, lien, Surrender of shares-Transfer of shares - Debentures – Registration of charges.

Module III: Board of Directors

Composition of board of directors-Position of Directors-appointment, removal and remuneration of directors- independent directors- Board Meetings –Duties of directors-Powers of Directors and Restrictions on powers-Board Committees-corporate social responsibility - Borrowing powers of company- Loans and investments by companies-Distribution of Dividend-Key Managerial Persons.

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Module IV: Shareholder Rights and Remedies

Shareholders and Members-Powers of Company in General Meeting- Meetings of Shareholders- Resolutions-Majority Powers and Minority Rights – Shareholder remedies- Class action suits-- Prevention of oppression and mismanagement.

Module V: Administrative Control over Companies

Maintenance of Accounts- Audit - Inspection and investigation – Role of NCLT, NCLAT- Winding up –Grounds - Defunct Company- Striking off names of company.

References:

1. C R Datta on Company Law, Lexis Nexis, 2017.
2. L.C.B. Gower, Principles of Modern Company Law, Sweet and Maxwell, 2016
3. Avtar Singh, Company Law, Eastern Book Company, 2018.
4. M C Bhandari , Company Law Procedures, Lexis Nexis, 2018
5. Palmer, Company Law, Stevens, 1987.
6. Robert R. Pennington, Company Law, Butterworths, 2001.
7. Robin Hollington, Shareholder's Rights, 5th Ed., Thomson: Sweet & Maxwell, 2007
8. T. P Ghosh on Companies Act 2013, Taxmann, 2013.
9. Dr. G.K. Kapoor, Sanjay Dhamija, Company Law and Practice, Taxmann, 2015
10. Jonathan Charkham & Anne Simpson, Fair Shares – The future of shareholder power and responsibility, Oxford University Press, 1999
11. K Sekhar, Guide to SEBI Capital Issues, Debentures, & Listing, 3rd Ed, Wadhwa, 2003.
12. K. Majumdar, Dr. G. K. Kapoor Company Law & Practice, Taxman, 2015.
13. S.M. Shah, Lecturers on Company Law, N M Tripathi Pvt Ltd, 1990

Semester VI: Course V

(25-274-0605) Labour Law (Credit 5)

Course Objectives:

Every country depends on its industrial structure for growth and development. This industrial sector is a playground for multiple stake holders. What is interesting to note is that though there are multiple stake holder, the sector does not operate on a level playing field. The part which is seen as the lopsided one is the labour class. The objective of this course is to sensitize the need for an understanding labour law regime. The course will introduce the students to the different stakeholders at play and the laws which enable them to maintain industrial peace and contribute to industrial development.

Course Outcomes (Cos):		Bloom’s Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the relevance of labour laws and their application in industrial field and practice of law.	Understand

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CO 2	To analyse the different strategies and mechanisms available for resolution of industrial disputes and claim of social security measures	Analyse
CO 3	To apply the relevant labour standards in practice and procedures for setting wages, safety mechanisms, etc	Apply

CO/PSO Mapping

CO/PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	2	1	-	3	1
CO2	3	2	1	3	-
CO3	3	-	1	3	-

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course Contents

Module I: Theoretical Basis:

Origin, nature and need – industrial relation – concept, objectives and significance – Constitutional framework – fundamental rights and directive principles – impact of globalization on labour policies.- Collective Bargaining-Notion – meaning and scope – history of trade union movement in India – definition and objects of trade union – registration and its cancellation – powers and functions of Registrar of Trade Union – funds of trade unions – general and political – the immunities – nature and scope.

Module II- Conditions and Terms of Labour:

Standing order – its certification, duration and modification – subsistence allowance; notion of factory – approval, license and registration – occupier – his general duties – maintenance of health, safety, welfare – provisions relating to hazardous processes – working hours – Measures Relating to Wages-Minimum wages – fixation and revision – procedure – overtime – exemptions and exceptions – responsibility for payment of wages – fixation of wage periods –deduction and fines – authorities and adjudication of claim- Bonus.

Module III: Industrial Disputes

Concept of Industry, industrial disputes, employer and employee – coercive methods used by employees and employers – strike, lock out, lay off, retrenchment, transfers and closure – authorities for dispute resolution - Works Committee – Conciliation officer – Courts of Enquiry – Labour Courts – Tribunals – reference to arbitration – powers of Government – Procedure, Powers and Duties of Authorities.

Module IV – Social Security Measures

Constitutional perspective of social justice- Concept, meaning and significance of Social Security- ILO standards-Notions of employee, compensation, dependent, wages, total and

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partial disablement –doctrine of notional extension – employer’s liability to pay compensation – cases of personal injury and occupational disease- ESI Funds – contributions – benefits- Gratuity-payment and forfeiture of gratuity – determination.

Module V: Other Measures

Maternity Benefit – scope - meaning of employer, maternity benefit, miscarriage and wages – right to payment of maternity benefit – available benefits – restrictions on employer; Provident Fund – common provident fund – Pension –other kinds of benefits – old age – unemployment

References:

1. Taxmann’s Labour Laws with Code on Wages, Taxmann, 2020
2. E.M. Rao, O.P. Malhotra’s Law of Industrial Disputes, LexisNexis, 2015
3. P. L. Malik Handbook of Labour and Industrial Law, EBC, 2018
4. K.D. Srivastava, Commentaries on Industrial Employment (Standing Orders) Act, 1946, EBC, 2012
5. K.D. Srivastava, Law Relating to Trade Unions and Unfair Labour Practices, EBC, 2003.
6. Alok Bhasin, Labour Laws: A Primer, EBC, 2011
7. Indian Law Institute, Labour Law and Labour Relations, 1968
8. R.N. Choudhary, Commentary on the Employees Compensation Act, 1923, Orient Publishing Co., 2019.
9. K.D. Srivastava, The Payment of Bonus Act, 1965, Eastern Book Company, 2003.
10. R.G. Chaturvedi, Law of Employees Provident Funds, Bharat Law House, West Thomson Reuters, 2017

Semester VI: Course VI

(25-274-0606)

Public International Law

(Credit 5)

Course Objectives:

The objective of this course is to give an in-depth understanding about the concept and scope of public international law. It provides a fair idea about relationship between states under international law and how their relationship is being regulated. It further provides an insight about the international law relating to states, individuals, treaties, sea and UNO.

Course Outcomes (Cos):		Bloom’s Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To analyse the activities of international community in terms of international relations	Understand
CO 2	To understand the working of various international principles and organisations	Analyse

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CO 3	To apply the international principles and practices while interpreting domestic law and vice versa , while conducting litigations or diplomatic engagements involving foreign element.	Apply

CO/PSO Mapping

CO/PSO	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	1	2	2	3	-
CO2	3	2	2	3	1
CO3	3	3	2	3	-

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course Contents:

Module I: Introduction to Public International Law

Introduction - Development of International Law – Definitions - Nature of International law - Legality of International Law - Positive Morality - Theories as to basis of International Law - Sources and Subjects of International Law.

Module II: Concept of State

International Law and Municipal Law - Monistic Theory- Dualistic Theory – Other Theories - UK Practice, American Practice and Indian Practice - Concept of State - Essential Ingredients of State - Different kinds of States - Territory of State - Recognition of States - State Jurisdiction -Territorial Sovereignty - Civil and Criminal Jurisdiction

Module III: State Responsibility and State Succession

Responsibility of States – Original and Vicarious Responsibility -State Responsibility for various Acts- Individual Acts, Mob Violence, Insurgency, etc. -State Succession - Theories of State Succession -Rights and Duties arising out of State Succession.

Module IV: Individuals, Diplomatic Relations and Treaties

Nationality – Asylum – Extradition- Meaning of Diplomacy -Law on Diplomatic Relations - Classification of Diplomatic Agents – Functions - Privileges and Immunities of Diplomatic Agents - Duties - Law of Treaties

Module V: Law of the Sea and UNO

Historical Background -Maritime Belt -Territorial Sea -The Contiguous Zone - Exclusive Economic Zone -Continental shelf -The High Seas -International Sea Bed Area-Settlement of Disputes under Law of the Sea Convention – Settlement of International Disputes – UNO

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References:

1. Malcolm Nathan Shaw, International Law, Cambridge University Press, 2017
2. Tim Hillier, Sourcebook on Public International Law, Routledge, 199
3. James Crawford, Brownlie's Principles of Public International Law, Oxford University Press, 2019
4. Joseph Gabriel Starke, Ivan Anthony Shearer, Starke's International Law, Butterworths, 1994
5. Lassa Oppenheim, Robert Jennings and Arthur Watts, Oppenheim's International Law, Oxford University Press, USA, 1991
6. S K Kapoor, International Law and Human Rights, Central Law Agency, Allahabad, 2011
7. H.O. Agarwal, International Law & Human Rights, Central Law Publications, 2012
8. Samantha Besson & Jean d'Aspremont, The Oxford Handbook on the Sources of International Law, OUP, 2017
9. Jan Klabbers, International Law, Cambridge University, 2013.

SEMESTER VII **Semester VII: Course I**

(25-274-0701)

Cybersecurity

(Credit 5)

Course Objectives:

This course delves into the principles and practices of cybersecurity, encompassing the protection of computer systems, networks, and data from unauthorized access, use, disclosure, disruption, modification, or destruction. It deals with aspects on such as risk assessment, cyber law, cyber ethics etc.

Course Outcomes (Cos):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the features, development and use of information systems	Understand
CO 2	To analyse the approaches in the context of achieving security goals.	Analyse
CO 3	To apply security policies to various concrete situations involving questions on cyber-crimes and cyber ethics.	Apply

CO-PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	2	2	3	3
CO 2	3	3	2	3	3
CO 3	3	3	3	3	3

1- Slightly/Low, 2 –Moderate/Medium, 3-Substantial/High, “-” = No correlation.

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Course contents:

Module I: Introduction to Information Systems:

Components, categories, types, individuals involved, steps in developing information systems, Information Assurance, security challenges, need for cyber security, Information Security Risk analysis: use and benefits of risk analysis, risk analysis model, risk assessment, risk equation, risk management, trusted computing.

Module II: Cyber Security Threats and vulnerabilities:

Types of threats, attacks, malwares, firewalls, hacking, network and services attack, IDPS, honeypots, cryptography and cryptanalysis, network behaviour analysis, Intrusion Detection Systems: Types and components of IDS- Network based, Host Based, Hybrid IDS, wireless IDPS.

Module III: Security policies:

Needs and uses, policy development, types of security policies, steps in policy review process, Security Standards- ISO, Intellectual property rights, patents, trademarks, copyrights, software licensing, e-contracts, Cyber laws in India.. Security and Law:-Regulations in India- IT Act 2000/2008, Cyber Crime- cyber law, Indian Copyright Act, Indian Contract Act , Consumer Protection Act, Future Trends –The Law of Convergence.

Module IV: Cyber Crimes and cyber ethics:

cyber space, cybercrimes-nature and scope of cybercrimes, types and categories of cybercrimes, penalty for cybercrimes under IT Act.

Module V: Other relevant aspects

Digital foot prints, cyber forensics, Cyber ethics- concerns and responsibilities

References:

1. Fundamentals of Cyber Security, Mayank Bhushan, BPB publication, First Edition 2017
2. Security in Computing, Charles P. Pfleeger, Shari Lawrence Pfleeger, Pearson Publication, Fifth Edition 2015
3. Introduction to Information Security and Cyber Law, Surya Prakash Tripathi, Dreamtech Press, 2014

Semester VII: Course II

(25-274-0702)

Environmental Law

(Credit 5)

Course Objectives:

The primary objective of the course is to explain the role of law, policy and institution in the Protection, conservation and management of environment and natural resources. The various multilateral environmental agreements and doctrines are taught to the students. The course introduces the students to the environmental jurisprudence in India and also equips them with the skills needed for interpreting laws, policies and judicial decisions.

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Course Outcomes (Cos):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the variety of regulatory techniques that have been applied to deal with environmental problems and the attributes, advantages and disadvantages of each.	Understand
CO 2	To analyse major environmental statutes as well as relevant common law doctrines.	Analyse
CO 3	To apply the knowledge derived to evaluate the role of law and policy in conservation and management of natural resources and prevention of pollution.	Apply

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1	1	1	3	2
CO 2	1	1	1	2	-
CO 3	1	-	2	3	1

CO-PSO Mapping:

1- Slightly/Low, 2 –Moderate/Medium, 3-Substantial/High, “-” = No correlation.

Course contents:

Module I: Introduction to Environmental Law

Environment: meaning and scope –History and Development of Environmental Law in India - provisions in the Indian Constitution - Indian Penal Code - Criminal Procedure Code.

Module II: Multilateral Environmental Agreements and Doctrines

Environmental Protection under International Law - Sustainable Development - Precautionary Principle, Polluter Pays Principle, Public Trust Doctrine – Montreal protocol- Framework Convention on climate change.

Module III: Protection of Forest and Wildlife

Protection of Forest - Forest Laws and policies in India – Judicial approach to forest conservation – Rights of forest dwellers – Wildlife Protection – Bio-diversity Conservation.

Module IV: General and Specific Environmental Protection Laws

Protection of Land, Water, Air and Environment–machinery for control of pollution– wetland conservation–Noise Pollution–Environmental Impact Assessment–Marine Environment Coastal Regulation Zone

Module V: Judiciary and Environment

Liability for Environmental hazards - Public Liability Insurance - Judicial review of environmental decisions - evolution of right to environment – National Green Tribunal.

References:

1. Rodgers, Environmental Law. (1994)
2. P. Leelakrishnan, Environmental Law in India. (5th Edition, 2018)

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3. P. Leelakrishnan, Environmental Law Case Book. (2nd Edition)
4. Armin Rosencranz, et.al. - Environmental Law and Policy in India. (2nd Edition,2002)
5. Satish C. Sastri, Environmental Law (5 th Edition,2015)
6. Ashok A. Desai, Environmental Jurisprudence (2nd Edition,2002)
7. Jaswal, P. S. and Jaswal, N., Environmental Law (2017)
8. Dr. S. Shantha Kumar, Introduction to Environmental Law, Eastern Book Company, (2nd Edn.)

Semester VII: Course III **(25-274-0703) BIOETHICS AND SCIENTIFIC RESEARCH (credit 5)**

Course Objectives

This course intends to lay down insights to the relevance of the application of fundamental bioethical principles in scientific research. This course provides insights on the advances in different scientific advances and the ethical issues it raises. It enables the students to provide bioethical and legal solutions to complex questions relating to scientific experimentations.

Course Outcomes (Cos):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the major principles underlying bioethics	Understand
CO 2	To analyse the effect of the major scientific advancements and the relevance of the application of bioethical principles.	Analyse
CO 3	To apply bioethical principles to concrete situations in which ethical and legal questions are raised regarding scientific research.	Apply

CO- PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	2	2	2	3
CO 2	1	3	3	3	3
CO 3	1	1	2	-	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course Contents

Module I- Theoretical Constructs of Bioethics

Philosophical basis of Bioethics- law and ethics-law and morality-development-advances in scientific research – assessment of risk -benefits

Module II- Right to science and its various facets

Freedom of Scientific Inquiry- human rights perspectives-constitutional-legislative-judicial approach—comparative perspectives.

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Module III- Basic Principles of Bioethics

Human Dignity-human rights-autonomy- privacy- Confidentiality-Non Maleficence-Beneficence – Non Discrimination-Justice- human vulnerability

Module IV- Scientific Advancements, Bioethical Challenges and Regulatory Frameworks

Certain scientific advances and challenges- Decisions of Life-abortion-euthanasia Human experimentation-cloning-ART-Genetic research-gene editing-pharmaceutical research-animal research-cloud computing-AI/Deep machine learning- space research-marine - atmospheric research etc– research involving biological resources – agricultural research-horticultural research – National- International Regulations

Module V- Ethics in Diverse Realms

Scientific Misconduct- Publication ethics- Forms- Regulatory Guidelines – Medical ethics- Environmental Ethics- Media ethics- Regulatory approaches

References

1. Kuhse, H. and Singer, P. Bioethics: An Anthology, 2nd Ed. Blackwell. (2008)
2. Singer, Peter A. and Viens, A. M. The Cambridge Textbook of Bioethics, Cambridge University Press. (2008)
3. Tom L Beauchamp and James F Childress, Principles of Biomedical Research OUP (5th ed)
4. Raanan Gillon Philosophical Medical Ethics, John Wiley & Sons (1985)
5. H. Tristram Engelhardt Jr, The Foundations of Bioethics, Oxford University Press, (1986)
6. Albert R Jonsen, The Birth of Bioethics, Oxford University Press (1998)

Semester VII: Course IV

(25-274-0704)

Principles of Taxation Law

(Credit 5)

Course Objectives:

The primary objective of the course is to explain the principles of taxation law. It discusses the constitutional scheme of taxation in India and legislations pertaining to direct and indirect taxes. The course will help them understand the principles governing assessment of tax and the remedies available under various taxation statutes.

Course Outcomes (Cos):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the general principles relating to taxation law.	Understand
CO 2	To analyse the main tax legislations, the assessment method, the powers and functions of statutory authorities.	Analyse

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CO 3	To apply the expertise to identify in real life the different kinds of tax and the deductions.	Apply

CO-PSO Mapping:					
CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	2	-	1	3	2
CO 2	2	2	2	2	1
CO 3	3	3	3	3	-

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course contents:

Module I: Basic Principles of Taxation

Concept of tax- Canons of tax –Elements of taxation and principles of an optimal tax system – Taxation power and Constitutional scheme of taxation in India -Classification of taxes- Concept of fee, cess and surcharge- Concept of regulatory tax- Concept of compensatory tax

Module II: Direct Tax

Direct Tax and Indirect taxes- Fundamental differences -Tax on income of individual corporation tax- Capital gain tax- Agricultural income tax- Deductions and exemptions under Income Tax Act- Tax planning, tax avoidance and tax evasion- Deduction of tax at source- Double taxation avoidance agreement.

Module III: Indirect Tax

Kinds of Indirect taxes- Unification of indirect taxation system-Taxation and co-operative federalism, Avoidance of cascading effect in indirect taxes- Concepts of input tax, output tax, presumptive tax and reverse tax- Tax on sale and supply of Goods and Services -GST – Customs Duties- Tax on sales of specified goods like petroleum products and liquor- Tax on E-commerce.

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Module IV: Other Kinds of Tax

Tax on motor vehicles- Tax on Land and Buildings- Taxes collected by the local authorities- Property tax, Entertainment tax- Professional tax

Module V: Tax Assessment

Assessment and remedies under various taxation statutes-Appellate and revisional forums and its hierarchy- Settlement commission- Compounding of offences- Penalties and prosecutions for noncompliance.

References:

- 1 Dr.Girish Ahuja, Systematic Approach to Income Tax, Wolters Kluwer, 2020.
- 2 Dr.Girish Ahuja and Dr.Ravi Gupta, Systematic Approach to Taxation, Bharats, 2014-2015
- 3 Vinod Singhania, Direct Taxes Law and Practice, Taxmann, 2020-21.
- 4 Vinod Singhania, Deduction of Tax at Source, Taxmann, 2019.
- 5 Bomi F Daruwala, Bharat's Handbook to Direct Taxes, 2018.
- 6 R.K Jha and P.K. Singh, A Birds Eye view of GST, (Asia Law House) Hyderabad, 2017.
- 7 V.S Datey, GST Law and Practice with Customs and FTP, Taxmann, 2017.
- 8 India's Income Tax Laws, India Law Series, 2013.
- 9 Justice Dimampao, Tax principles and Remedies, Rex Books.
- 10 S. Gupta, GST- Law and Practice, Taxmanns Publications, New Delhi.
- 11 Double Taxation Avoidance Agreement, Snowwhite, 2014.
- 12 T.N. Manoharan and G.R. Hari, Handbook on Taxation (includes Income Tax Law and Goods and Service Law), 2017.
- 13 Dr N K Gupta & Vineet Gupta, Goods and Service Tax (Law, practice and Procedures), Bharat Law House, 2018.

Semester VII: Course V

(25-274-0705)

Property Law

(Credit 5)

Course Objectives:

This course looks at the nature of property rights and the general principles governing the transfer of property under the Indian law. It delves into the study of the substantive law relating to specific transfers, such as sale, mortgage, lease, exchange, gift and actionable claims. It also explores how property rights are conferred, alienated and protected through law. The course further includes an exposure into the concept of easements in the Indian context.

Course Outcomes (COs):	

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After completion of the course, the student will be able:		Bloom's Taxonomy Level
CO 1	To understand legal terminology and concepts relating to property and its transfer.	Understand
CO 2	To analyse the substantive rules and principles of transfer of property in India and apply this knowledge in the domestic context.	Analyse
CO 3	To apply the principles property law to contemporary legal problems and critically examines its operation from a range of theoretical and social perspectives	Apply

CO-PSO Mapping:					
CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1	1	1	3	3
CO 2	1	1	1	3	3
CO 3	1	-	2	3	1

1- Slightly/Low, 2 –Moderate/Medium, 3-Substantial/High, “-” = No correlation.

Course contents:

Module I: Concept of Property and General Principles of Transfer

Concept of Property – Different kinds of Property – Meaning of Movable and Immovable Property – Definition of Transfer of Property – Persons competent to transfer – Operation of transfer – Conditions restraining alienation – Transfer for benefit of unborn persons – Rule against perpetuity – Vested Interest and Contingent Interest.

Module II: General Principles Governing Transfer of Immovable Property

Doctrine of Election – Transfer by ostensible owner – Transfer by limited owners – Fraudulent Transfer – Improvements made by person under defective title – Doctrine of *lis pendens* and part performance.

Module III: Specific Transfers I

Sale of immovable property – Definition of sale and contract to sell – Rights and liabilities of seller and buyer – Definition of gift – Modes of creation of gift – Condition for valid gifts – Suspension and Revocation of gift – Exchange

Module IV: Specific Transfers II

Mortgage – Different kinds of mortgages – Rights and liabilities of mortgagor and mortgagee – Charge and floating charge – Actionable claim – Lease – Modes of creation and determination of lease – Rights and liabilities of lessor and lessee

Module V: Easements

Indian Easement Act– Definition and essential features of easement – Kinds of easement – Easement of Necessity and Quasi easements – Imposition, Acquisition and Transfer of Easements – License

References:

- 1 Avtar Singh, Textbook on the Transfer of Property Act (Lexis Nexis 2019)
- 2 Poonam Pradhan Saxena, Mulla The Transfer of Property Act (Lexis Nexis 2018)
- 3 GCV SubbaRao, Law of Transfer of Property (2 Vols.) (ALT Publications 2019)

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- 4 Vepa P. Sarathi and MallikaTaly, Law of Transfer of Property (Eastern Book Co 2017)
- 5 S.N. Shukla, Transfer of Property Act (Allahabad Law Agency 2015)
- 6 AkhileswarPathak, Law of Sale, Lease and Mortgage (Lexis Nexis 2017)
- 7 B BKatiyar, Law of Easements & Licenses (Universal Law Publishing 2017)
- 8 AP Singh and AK Srivastava, Property Laws (Lexis Nexis 2015)

Semester VII: Course VI

(25-274-0706) Drafting, Pleading and Conveyancing (Credit 5)

Course Objectives:

The art of drafting a good pleading or conveyance can be acquired only through practice. A well drafted document is not simple for the defect of the practice but also assists the court in understanding the subject matter of the draft. This course provides a good start to the students for acquiring the skills of drafting pleadings and conveyance by familiarizing them with the fundamental rule. The students are acquainted with the nuances of drafting various pleading deeds and agreements.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand pleadings and prepare written replies from the same	Understand
CO 2	To analyse and apply the provision of specific status while drafting any petition/application under the said statute.	Analyse
CO 3	To apply fundamental rules of pleading and conveyancing while drafting civil pleading, criminal pleading, matrimonial pleading and constitutional pleadings	Apply

CO-PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	-	-	3	-
CO 2	3	2	1	3	3
CO 3	2	1	1	3	3

1- Slightly/Low, 2 –Moderate/Medium, 3-Substantial/High, “-” = No correlation.

Course contents:

Module I: Notice

Notice under section 106 of the Transfer of property Act,1882-Notice under section 80 of the Civil Procedure code,1908-Notice under section 138 of the Negotiable Instruments Act,1881-Reply to the legal notice, Notice under Consumer Protection Act, Application for Right to Information.

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Module II: Pleadings

Original Suit- Suit for Recovery under Order XXXVIII of the Code of Civil Procedure- Draft Affidavit- Interlocutory Application- Suit for Permanent Injunction-Application for Temporary Injunction under Order XXXIX Rule 1 and 2 of the Civil Code of Procedure, 1908- Suit for Ejectment and Damages for Wrongful Use and Occupation- Written Statement- Caveat under section 148 of Code of Civil Procedure- Transfer petition under Sec. 25 of CPC, 1908- Application for the Execution of Decree - Memorandum of Appeal and Revision.

Module III: Pleading under Criminal Law

Application for regular Bail- Application for Anticipatory bail- Complaint Sec. 190, 200 Cr.P.C- Application under section 125 of the CrPC- Appeal- Revision Petition- Review Petition Criminal Miscellaneous Petitions.

Module IV: Pleadings before Higher Courts

Writ Petition under Art. 226 of the Constitution of India- Special leave petition (Civil) under Article 136 of the constitution of India- Special leave petition (Criminal) under Article 136 of the Constitution of India- Second Appeal- Revision Petition- Review Petition- Petition under 482 Cr.P.C.

Module V: Conveyancing

Will- General Power of Attorney & Special Power of Attorney- Agreement to sell- Sale Deed Lease Deed- Mortgage Deed- Partnership Deed- Relinquishment Deed- Gift Deed- Promissory Note.

Evaluation Pattern and Conduct of Classes

The course will be taught through class instructions and simulation exercises, preferably with assistance of practising lawyers/retired judges. Apart from teaching the relevant provisions of law, the course may include not less than 15 practical exercises in drafting carrying a total of 45 marks (3 marks for each) and 15 exercises in conveyancing carrying another 45 marks (3 marks for each exercise) remaining 10 marks will be given for viva voce. Apart from the exercises mentioned herein, the instructor of the course may include additional drafting/pleading/conveyancing exercises to satisfy the required number of exercises. Students shall maintain a record of the exercises and shall be evaluated by the concerned instructor. The viva-voce shall be conducted by a panel of internal and external expert.

References:

- 1 H.K. Saharay, N.S Bindra's Pleading and Practice, Universal law Public, 2016
- 2 G.C. Mogha and S.N.Dhingra, Mogha's Law of Pleading in India with Precedents, Eastern Law House, 18th Ed., 2016
- 3 M.C Agarwal & G.C. Mogha, Indian conveyancer, Eastern Law House, 14th Ed., 2016
- 4 S.P. Agarwal, Pleadings : An Essential guide, LexisNexis, Haryana, 2016
- 5 S.P. Agarwal, Drafting and Conveyancing, LexisNexis, Haryana, 2015
- 6 Medha Kolhothra, Drafting, Pleading and Conveyancing, LexisNexis, Haryana, 2015
- 7 C.R. Datta & M.N. Das, De Souza's Forms and Precedent of Conveyancing, Eastern law House, 2006
- 8 R.N. Chaturvedi, Pleading, Drafting and Conveyancing, vCentral law Publications, fifth Ed., 2018

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SEMESTER VIII

Semester VIII – Course I

(25-274-0801) Computer Science Project/Internship (Credit 5)

Course Objectives:

This course intends to give practical training on the application of digital tools in legal proceedings. It is not only enhancing the soft skills of the students but also enables to creatively apply the fundamental discipline of computer science in legal practice.

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Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the application of digital tools in legal proceedings.	Understand
CO 2	To analyse the scope of developing advanced legal research tools using the modern digital tools.	Analyse
CO 3	To apply the knowledge in computer science to develop legal research tools, client portals and other applications for law firms, corporate entities etc.	Apply

CO-PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	3	3	3
CO 2	2	3	3	3	3
CO 3	3	3	2	3	3

1- Slightly/Low, 2 –Moderate/Medium, 3-Substantial/High, “-” = No correlation.

Guidelines for doing Project / Internship

1. In this Course the students may develop customized web development, may develop case management system to help law firms track their cases, clients, and deadlines etc. They shall create a client portal that allows clients to access their case documents, communicate with their lawyers, and make payments online etc. They are also equipped to design a website for a law firm that is informative, user-friendly, and visually appealing.
2. Also, the students can develop a contract review tool that helps lawyers identify potential risks and issues in contracts or they can create a legal research tool that helps lawyers find relevant legal precedents and case law. The students may also be engaged in designing an e-discovery platform that helps lawyers efficiently manage and review large volumes of electronic data.
3. The students may also develop a system for archiving and managing digital evidence for law and court cases. They may also create a tool for analyzing and visualizing legal data to identify trends and patterns. Also, they may design a platform for secure and confidential sharing of legal documents among lawyers, judges, and court official.
4. The students shall do internships in software companies, legal transcriptions works -in courts etc/ involvement using soft skills. Apart from all this, the student may also opt for any innovative ideas which is useful in legal practice and process using their soft skills.

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5. After completion of the project, the students are directed to submit a report on their work along with the certificate of completion from the institution or firm where they do the projects / internships and the scheme of evaluation is as follows.

6. The report shall be printed and spiral bound with around minimum 50pages (A4 size)

The layout is:	
Font:	Times New Roman
Size:	12
Lining space:	1.5
Margin:	Left – 1.5; Right 1;Top – 1; Bottom – 1

7. The report (one soft copy and one hard copy) shall be submitted to Department at least 10 days before the last working day of the semester. The panel of Viva-voce shall comprise of at least a minimum of two numbers of which one shall be an external expert.

Project / Internship Report – 50 Marks

Project Viva - 50 Marks

Total - 100 Marks

Semester VIII – Course II

(25-274-0802) Professional Ethics and Professional Accounting Systems (Credit 4)

Course Objectives:

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Professional ethics forms the foundation in the lives of the lawyer. Every person has been given the right to engage a lawyer of their choice to represent their case. It means that lawyers have the constitutional obligation to take up the case of every person who approaches them for legal representation. The lawyer has to adopt ethical practices in all spheres of their profession from meeting clients, giving them legal counselling, presenting their cases before appropriate bodies managing clients' accounts etc. The course covers the wide spectrum of lawyer conduct and specifically aim to familiarize the students with the legal provisions, guidelines and judicial decisions on the subject of professional conduct for lawyer and contempt of court. The course objective is to acquaint the students with the Bar Council of India Code on professional misconduct, train them the skill of client interview and counselling and teach them the basics of professional account.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the manner to interview and counsel clients in a professional manner.	Understand
CO 2	To analyse situations of Professional dilemma and of contempt and to take appropriate decisions	Analyse
CO 3	To apply the principle of professional ethics in their professional life	Apply

CO-PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	2	1	-	3	1
CO 2	2	-	-	3	1
CO 3	1	3	3	3	2

1- Slightly/Low, 2 –Moderate/Medium, 3-Substantial/High, “-” = No correlation.

Course contents:

Module I: Advocacy

Meaning: Professional-Occupation-Employment, Seven Lamp of advocacy, History of Legal Profession in India- Advocate Act, Bar council of India and State Bar Councils, Composition and Functions: Senior Advocates- restriction for other employment, right to practice and Right to appearance, professional misconduct and disciplinary power of Bar council and appeals, Entry for foreign law firms in India.

Module II: Professional Ethics

Meaning: Ethics and morals - Bar and Bench relations, Part VI of the Bar Council of India Rules, Rule as to govt. Advocates, Restriction on Senior Advocates, Duty related to courts, clients, opposite parties, colleagues, Duty to imparting training, render legal aid and order of Disciplinary committee of Bar council of India/Judgments of Supreme Court on Professional misconduct.

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Module III: Contempt of Court

The Contempt of Courts Act - Historical Background, Constitutional Provision, Definitions: Civil and Criminal contempt, Mens Rea in Contempt cases, Defence and Exceptions, Contempt by Judges and Magistrates, Punishment for contempt, Purging of contempt, Procedure for initiating action for contempt, Appeal provision.

Module IV: Accountancy of Lawyers

Importance of proper account by advocate, Fees and expenses, Accountancy in Lawyers office/firm: basic financial Statements - Income & loss Account, Balance sheet – Interpretation- Bar Council of India Rules, Duties to the client, Advocate on Record Rule.

Module V: Client Interviewing and Counselling

Meaning, Importance, Listening, Communication Techniques, types of quotation, Advising Counselling.

Evaluation Pattern

Evaluation shall include assessment through case-study, viva and periodical problem solution besides the written tests. The distribution of marks for the internal evaluation out of 100 marks includes a) test paper – 20 marks, b) case study- 15 marks, c) attendance- 05 marks, d) record preparation 45 marks and e) viva-voce 15 marks. Students shall maintain a record of the exercises and shall be evaluated by the concerned instructor. The viva-voce shall be conducted by a panel of internal and external expert.

References:

- 1 Gosh, Legal Ethics and the Professional of Law, LexisNexis,2014
- 2 G.C. Subbarao, Commentary on Contempt of Court Act,1971, ALT Publication,2013
- 3 Ranadhir Kumar, Contempt of Courts: Law and Practice, Wadhwa Book Company,2012
- 4 The Advocate Act, 1971
- 5 The Contempt of Courts Act, 1971
- 6 Law of Commission of India, 266th Report on Advocate Act, 1961(Regulation of Legal Profession), 2017.
- 7 Law of Commission of India, 274th Report on the Review of the Contempt of Courts Act, 1971(Limits to Sec.2 of the Act, 1971), 2018.
- 8 Ramachandran, Professional Ethics for Lawyers changing Professional Changing Ethics, LexisNexis, 2014

Semester VIII – General Electives -1

(25-274-0803) Air and Space Law (Credit 5)

Five Year B.Sc. LL.B. (Hons.) (Computer Science) Programme - Scheme and Syllabus 2025

Course Objectives:

This course is intended to provide an idea about the need for protection of outer-space as well as law relating to regulation of various activities in outer-space. This course also provides an insight about international laws regulating air traffic management, civil aviation and laws to prevent and control to environmental pollution by space objects and aircrafts.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand fundamental principles for the regulation of activities in space.	Understand
CO 2	To analyse the scope of legal obligations on civil aviation and environmental pollution.	Analyse
CO 3	To apply the awareness to find a solution for various disputes arises between nations in relation to activities in space	Apply

CO-PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	2	1	3	2	-
CO 2	1	2	1	3	2
CO 3	2	2	2	3	3

1- Slightly/Low, 2 –Moderate/Medium, 3-Substantial/High, “-” = No correlation.

Course contents:

Module I: Introduction to Air Law

Definition of Air law - Nature, scope and source - Development of air laws (Paris Convention 1910, Paris Convention 1919, Madrid Convention 1926, Havana Convention 1928, Warsaw Convention and Chicago Convention 1944) - Freedom of the air and sovereignty in the air.

Module II: Air Traffic Management

Legal regime - State obligation to provide air navigation services - ICAO - Membership and organs of ICAO - Legislative, administrative and judicial functions - Economic and technical regulations.

Module III: Safety and Security in Civil Aviation

Liability in international civil aviation - Manufacturers, operators, operators' agents and maintenance contractors - Third party liability for surface damage - Rights and Privileges of air passengers – Rules relating to Air Cargo - Aviation related Environmental Problems – Aviation Insurance - Aviation terrorism - International norms: conventions, protocols and regulations - Regulations in India - Air safety provisions - Settlement of Aviation Related Disputes.

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Module IV: Space Law and International Treaties

Definition, nature, scope and development – Sources - International and Intergovernmental Organizations - Non-governmental Organizations and Space Activities - UN and Outer Space The Law of Outer Space - principle of res communis– UN General Assembly resolution 1962 (XVII) adopted in 1963 – The treaty on Principles Governing the Activities of States in the Exploration and Use of Outer Space, including the Moon and Other Celestial Bodies 1967- Convention on International Liability for Damage Caused by Space Objects, 1972 - Convention on the Registration of Objects Launched into Outer Space 1974 -Principles Relevant to the Use of Nuclear Power Sources in Outer Space 1993-The Agreement on the Return of Objects Launched into Outer Space 1968 - Agreement Governing the Activities of States and other Celestial Bodies 1979 - Declaration of Guiding Principles on the Use of Satellite Broadcasting (UNESCO) 1972 - Principles Governing the Use by States of Artificial Earth Satellites for International Direct Television Broadcasting 1983 - Principles on Remote Sensing 1986 -Geostationary orbit – Bogota Declaration 1976.

Module V: Use of Space technology

Peaceful and non-peaceful - Remote sensing - Environmental protection - Commercialization of Space Activities – Settlement of Space Disputes.

References:

- 1 Frans G. von der Dunk, Harvey and Susan Perlman Alumni, Handbook of Space Law, Edward Elgar, 2015.
- 2 Ludwig Weber, International Civil Aviation Organization, Wolters Kluwer, 2017
- 3 Rao, Venkata, Gopalakrishnan, V., Abhijeet, Kumar (Eds.), Recent Developments in Space Law: Opportunities & Challenges, Springer, 2017.
- 4 Hofmann Mahulena and Tanja Masson-Zwaan, Introduction to Space Law, Fourth Edition – Wolters Kluwer, 2019
- 5 Brian F. Havel and Gabriel S. Sanchez, The Principles and Practice of International Aviation Law, 2014
- 6 Ram S. Jakhu, Paul Stephen Dempsey, Routledge Handbook of Space Law, 2016
- 7 Azbeyratne, RIR, Legal and Regulatory Issues in International Aviation, Transnational Publishers, NY, 1997
- 8 Kenneth Button, Airline Deregulation: International Experiences, New York University Press, 1996
- 9 F.G. Von Der Dunk, the International Space Station: Commercial Utilization from an European Legal Perspective, Martinus Nijhoff Publishers, 2006
- 1 Gbenga Oduntan, Sovereignty and Jurisdiction in the Air Space and Outer Space, Routledge, 2016.
- 0

Semester VIII – General Electives -2

(25-274-0804)

Criminology, Penology and Victimology

(Credit 5)

Course Objectives:

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This course aims at the interrelating the concepts of crime and punishment-understanding the concept of criminology and the various theories of criminology and its relevance in criminal law, explaining the concept of punishment, the theories of punishment and the philosophy underlying each theory. It also aims at acquiring knowledge regarding the classification of offences in the context of sentencing. The course throws light on understanding the concept of rehabilitation in the context of the various correction and rehabilitative techniques employed by the criminal justice system and the efficacy of such techniques in achieving its purpose. It also enables to identify the role of victim in criminal justice system and rights of victims in the criminal justice system.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand how the various factors as put forth by the various schools of criminology influence crime and to relate the crime to different factual situations	Understand
CO 2	To analyse the sentencing policy which influence a judge in imposing appropriate sentences and to evaluate the propriety of sentences imposed on the offenders	Analyse
CO 3	To apply the information gathered to demonstrate the efficacy of the rehabilitative and correctional techniques as envisaged by the criminal justice system and to assess whether the state addresses the various rights of the victims.	Apply

CO-PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1	1	2	3	1
CO 2	2	2	-	3	3
CO 3	2	-	-	2	-

1- Slightly/Low, 2 –Moderate/Medium, 3-Substantial/High, “-” = No correlation.

Course contents:

Module I: Schools of Criminology and factors of Crime Causation

Criminology - nature, scope and its relevance in Criminal justice administration. Schools of criminology - classical, neo classical - positive school - sociological - cartographic - psychological – psycho analytical school - Radical school of criminology- Causation of crime- hereditary – factors of crime causation-- chromosomal factors - mental deficiency – environmental factors-economic and social factors-poverty - family - school - religion – media.

Module II: Sentencing and Criminal Justice Administration

Judicial Discretion in Sentencing- Correctional and Rehabilitative techniques- institutional correction of the offenders- Indeterminate sentencing and sentencing till end of natural life- Probation institutions of correction- Clemency Powers- Pardoning Powers under Constitution and Code of Criminal Procedure -Suspension,

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Commutation, Reprieve, Respite and Remission- Probation- After care services for adult and juveniles-duty of the state to rehabilitate-corrective labour-duty of state to maintain dependents of convicts.

Module III: Theories of Punishment- Kinds of punishment

Concept of punishment –justification for punishment - Theories of punishment –kinds of punishment- corporeal and incorporeal punishment- punishments under Indian Penal Code- punishments in socio-economic offences- punitive treatment for habitual offenders- mandatory death penalty- Constitutional validity of capital punishment- mode of execution and its validity.

Module IV: Prison System and its Administration-Rights of Prisoners

Evolution of Prison System in India - Evolution of Prison System in U.K and U.S- Prison Laws in India-Prison Administration- Role of Judiciary in prison administration- Prisoners' Rights- Judicial Reforms-Solitary and separate confinement- classification of prisoners-emerging forms of punishment-community service, public shaming etc- Parole, furlough and other kinds of prison release- open prisons- prison labour- prison offences.

Module V: Classification of Victims and Protection of Victim Rights

Victimology-conceptual meaning and scope–Primary, Secondary and Tertiary victims-need for protecting victims of crimes—International laws on Victim Justice-impact of Victimisation— circumstantial victims-women and children as victims-special protection to women and child victims- victims of domestic crimes-victims of crime as witnesses-statutory provisions- Compensation to victims- Restitution-concept of Restorative justice-need for protection through legislation.

References:

- 1 Vernon Fox, Introduction to Criminology.(1985)
- 2 Tappen, Crimes, Justice and Correction.(1960)
- 3 Sethna, Society and the Criminal.(1989)
- 4 Sheldon Gluek, Unraveling Juvenile Delinquency.(1966)
- 5 Bhattacharya, Prisons.(1958)
- 6 Khatri B.D., Law of Probation in India.(1988edn. Withsupplement1990)
- 7 Ahmed Siddique, Criminology-Problems and Perspectives(2009).
- 8 P., Madhava Somasundram, et.al.,Crime Victims and Justice Serial Publication,(2008)
- 9 Singh Makkar S.P., Global Perspectives in Victimology (1995)
- 10 N.K.Chakraborti.,InstitutionalCorrectionsintheAdministrationofCriminalJustice(2002)
- 11 G.S.Bajpai & Shriya Gauba.,Victim Justice(2016)

Semester VIII – General Electives -3

(25-274-0805)

Disaster Management Law

(Credit 5)

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Course Objectives:

This course is intended to provide an idea about the danger of disasters and the need to manage those issues. It will give an overview about environmental issues and health issues arising from disasters. Further, it also provides an insight about various methods to deal with disasters and its effects and the legal mechanisms available to deal with issues related to disasters.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand various man-made and natural disasters.	Understand
CO 2	To analyse the impact of disasters on environment and health.	Analyse
CO 3	To apply the knowledge to develop an attitude to think the means and ways to respond very effectively in case of disasters.	Apply

CO-PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	2	1	-	3	1
CO 2	3	3	2	3	3
CO 3	2	1	2	2	2

1- Slightly/Low, 2 –Moderate/Medium, 3-Substantial/High, “-” = No correlation.

Course contents:

Module I: Introduction

Disaster - definition - need to widen it - reference to international documents - natural and man-made causes.

Module II: Effects of Disasters

Consequences of disaster – problems - environmental issues – destruction and disruptions in state facilities - scarcity of water, food, houses etc.

Module III: Health Issues

Health issues – eruption of diseases – lack of communicative facilities – disruption of state machinery.

Module IV: Legal Framework and Disasters

Laws response to disasters - machinery for action – authorities constituted - powers and functions of authorities - role of police.

Module V: Authorities in India

Co-ordination of central authorities and state authorities – NGO activities and funding mechanisms of government – communication between service providers and service receivers.

References:

- 1 Amita Singh, Disaster Law: Emerging Thresholds, Routledge, 2018
- 2 S.L. Goel, Disaster Administration: Theory and Practice, Deep & Deep Publications, 2009

Five Year B.Sc. LL.B. (Hons.) (Computer Science) Programme - Scheme and Syllabus 2025

- 3 Kristian Cedervall Lauts, Disaster Law, Routledge, 2015
- 4 Jack Pinkowski, Disaster Management Handbook, CRC Press, 2008.
- 5 Andrew E. Collins, Jones Samantha, Bernard Manyena, Janaka Jayawickrama, Hazards, Risks, and Disasters in Society, Elsevier, 2015
- 6 Vinod Shankar Mishra, Environment Disasters and the Law, Ashish Publishing House, 1994.

Semester VIII – General Electives -4

(25-274-0806)

Human Rights Law

(Credit 5)

Course Objectives:

The course provides an introduction to human rights philosophy, principles, instruments and institutions. The course introduces the main United Nations Conventions and legislations in India for protection of human rights. It also gives an overview of contemporary challenges, current issues and debates in human rights.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand international law and policy of human rights.	Understand
CO 2	To analyse contemporary challenges and trends in human rights theory and practice.	Analyse
CO 3	To apply the knowledge to develop analytical skills to appraise human rights policies and practices.	Apply

CO-PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1	2	3	2	1
CO 2	2	3	3	3	1
CO 3	2	3	3	2	1

1- Slightly/Low, 2 –Moderate/Medium, 3-Substantial/High, “-” = No correlation.

Course contents:

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Module I: Introduction

The concept of Human Right - Theoretical Foundation of Human Rights - Natural Law and Natural Rights- Origin and development- Ancient - Medieval – 17th -20th Century – Modern Developments- Generations of Human Rights - Civil and Political Rights -Economic, Social and Cultural Rights- third and fourth generation rights

Module II: International Human Rights Documents

UDHR-ICCPR-ICESCR-Optional Protocols- Implementation, enforcement, remedies under international human rights law- International Adjudication- Effectiveness of UN Human Rights System.

Module III: Human Rights in India

Implementation of Human Rights in India- Limitations on and derogations from rights–Protection of Human Right Act-Powers of NHRC- Role of judiciary in enforcing Human Rights-Role of NGO's and Human Rights activism in India.

Module IV: Human Rights of Vulnerable Groups

International Human Rights Law on Women's Rights- Refugee Rights-Child Rights- Rights of Differently Abled- Minority and Indigenous People Rights -Sexual Minorities- Legal Framework in India.

Module V: Contemporary Challenges

Contemporary Challenges to Human Rights - Science and Technology- Digital freedom- Terrorism- Business and Human Rights.

References:

- 1 Ilias Bantekas and Lotz Oette, International Human Rights Law and Practice, Cambridge,2013.
- 2 Kerry O'Halloran, Sexual Orientation, Gender Identity and International Human Rights Law Routledge, 2019
- 3 Perry and Roda, Human Rights and Digital Economy, Palgrave Macmillan,2017.
- 4 Gayatri H. Patel, Women and International Human Rights Law, Routledge,2019.
- 5 Jack Donnelly, Universal Human Rights in Theory and Practice, Cornell University, Press,2013.
- 6 Philip Alston and Ryan Goodman, International Human Rights, Oxford,2012
- 7 Christian Tomuschat, Human Rights: Between Idealism and Realism, Oxford,2003.
- 8 Alston, Phillip, The United Nations and Human Rights, Clarendon Press, London,1995.
- 9 Sutton, The Protection of Vulnerable Groups under International Human Rights Law, Routledge,2017
- 10 Andrew Clapham, Human Rights Obligations of Non-State Actors, Oxford,2006.
- 11 Justice Palok Basu, Law Relating to Protection of Human Rights, Modern Law Publications, 2002.
- 12 Sircar, V.K., Protection of Human Right in India, Asia Law House2004.
- 13 Dr K P Saksena, Human Rights and the Constitution, Gyan Publishing House,2003.

Semester VIII – General Electives -5

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(25-274-0807)

Intellectual Property Laws

(Credit 5)

Course Objectives:

With the tremendous growth in technology and communication devices, information and related products have become the most valuable assets. The objective of this course is to identify what elements of such information and newly created products can be protected under law. This course also identifies the different kinds of intellectual properties that are protectable under the Indian law, what subject matter is protected under the different kind of IP, who can own these kinds of properties and what their rights are. More importantly the course will help students appreciate how the rights of public are balanced against this private right.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the nuances of IP legislations and its protection	Understand
CO 2	To analyse the need and technique of protection of larger public interest	Analyse
CO 3	To apply the knowledge to develop skills required for filing different forms of IP.	Apply

CO-PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1	3	3	2	1
CO 2	2	3	3	2	1
CO 3	3	2	2	3	2

1- Slightly/Low, 2 –Moderate/Medium, 3-Substantial/High, “-” = No correlation.

Course contents:

Module I: Overview of Intellectual Property

Concept of Intellectual Property – its relation vis-à-vis property – rationale of its protection policy considerations – social, economic and political dimensions of IP – its role in industrial and other developments

Module II: Copyright

History and evolution – standard of ‘originality’ – ‘works’ that are protected – duration of protection – procedure for registration – meaning of copyright – assignment and licensing of rights – infringement – permitted uses of copyrighted works and its significance – remedies against infringement; Neighbouring rights – Performers rights – rights of Broadcasting organisations; International IP norms – Berne Convention – TRIPS – TRIPS Plus

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Module III: Patent

History and evolution – meaning of inventions– standards of novelty, inventive step and utility – category of patentable inventions –procedure for registration and duration of protection – rights – assignment and licensing of rights – infringement – permitted uses and its significance– remedies against infringement; International IP norms – Paris Convention– TRIPS – PCT.

Module IV: Trademarks

History and evolution – meaning of mark – concept of distinctiveness and deceptive similarity–prohibition of registration of marks–procedure for registration and duration of protection– rights–assignment and licensing of rights–infringement–permitted uses and its significance – remedies against infringement; protection of well-known marks – certification marks– collective marks; remedy of passing off; International IP norms–Paris Convention – TRIPS – Madrid System.

Module V: Other Forms of IP

Industrial design, geographical indication, new varieties of plants, semiconductor integrated circuits, trade secrets, protection of domain names, traditional knowledge, traditional cultural expressions – their history and evolution – standards of protection – subject matter rights– infringement of rights and its remedies; International IP norms–Paris Convention – TRIPS – Hague System.

References:

- 1 W. R. Cornish, Intellectual Property: Patents, Copyrights, Trademarks and Allied Rights, Sweet and Maxwell, 9th Edition 2019
- 2 Siva Vidhyathan, Intellectual Property: A Very Short Understanding, Oxford University Press, 2nd Edition 2017
- 3 Elizabeth Varkey, Intellectual Property, Eastern Book Company, 2015
- 4 V. K. Ahuja, Law Relating to Intellectual Property Rights, LexisNexis, 3rd Edition 2017
- 5 Dr. B.L. Wadehra, Law Relating to Intellectual Property, Universal Law Publishing Company, 5th Edition 2018(Reprint)
- 6 Dr. Mathew Thomas, Understanding Intellectual Property, Eastern Book Company, 2016
- 7 Dr. B.L. Wadehra, Law Relating to Intellectual Property, Universal Law Publishing Company, 5th Edition, 2012
- 8 K.D. Raju, The Intellectual Property Rights & Competition Law - A Comparative Analysis, Eastern Law House, 2015
- 9 S.B. Verma, Intellectual Property Rights, Mittal Publication, 2013
- 10 P. Narayanan, Intellectual Property Law, Jain Book Depot, 2015

Semester VIII – General Electives -6

(25-274-0808)

International Humanitarian Law and Refugee Law

(Credit 5)

Course Objectives:

The primary objective of the course is to give insights about the main principles of international humanitarian law. It discusses the main issues in international humanitarian law. It enumerates the rights of prisoner of war and the role of international courts in providing redress to them. It helps the students to understand the problems in national implementation of humanitarian law.

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Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the scope and extend of international humanitarian law.	Understand
CO 2	To analyse the human rights issues concerning prisoners of war and refugees.	Analyse
CO 3	To apply the knowledge to develop the expertise to work with NGO's working in the field of humanitarian law.	Apply

CO-PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	2	2	3	3	1
CO 2	1	-	2	2	1
CO 3	2	2	3	1	1

1- Slightly/Low, 2 –Moderate/Medium, 3-Substantial/High, “-” = No correlation.

Course contents:

Module I: Introduction

Scope and extent of International Humanitarian Law –Origin of IHL- Sources of IHL-Use of Force and IHL- Conflict status and Combatant status- Protection of Combatants in sea and land Linkages between international Human rights law -IHRL, International humanitarian law-IHL and International refugee law- IRL.

Module II: Armed Conflict

Classification of Armed Conflict- Commencement and Termination of Hostilities-Rights and obligations of prisoners of war-non-international armed Conflict -War Crimes-Terrorism – War Tribunals-International Criminal Law-Protection of women, children and other vulnerable groups.

Module III: Protection of Civilians and Objects of Cultural Importance

Protected Persons- Civilian objects- Protected objects and property- Cultural Objects- Protection of natural environment- Enemy Property.

Module IV: Refugees

Refugee-Determination of refugee status- UN Convention - International mechanisms for the protection of refugees- Refugee and Migrant- Rights of Refugees- Non-refoulement-Gender related Persecution-Climate Refugees-Refugee with special needs-Exclusion and Cessation of Refugee status-Asylum-Statelessness.

Module V: National Implementation of IHL

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National Implementation of International Humanitarian Law-Minimum Standards for Reception conditions
-Response of national laws and national courts-Regional refugee protection frameworks- SAARC.

References:

- 1 Marco Sassoli, International Humanitarian Law, Edward Elgar Publications, 2019.
- 2 A.G. Noorani, (South Asian Human Rights Documentation Centre), Challenges to Civil Rights Guarantees in India (Oxford University Press, 2012).
- 3 V.S. Mani (Ed). Handbook of International Humanitarian Law (Oxford University Press, 2007).
- 4 James C. Hathaway, The Rights of Refugees Under International Law, Cambridge University Press, 2005
- 5 B S Chimni, International Refugee Law, Sage Publications, 2000.
- 6 Rajan Varghese & Rose Varghese (Ed.), Introduction to International Humanitarian Law, Indian Centre for Humanitarian Law and Research, New Delhi, 1997.
- 7 Feller (Ed.), Refugee Protection in International Law, Cambridge University Press, 2009.
- 8 Dauvergne, Catherine, Making People Illegal: What Globalization Means for Migration and Law, New York: Cambridge University Press, 2008.
- 9 David Weissbrodt, Refugees-The Human Rights of Non-citizens, Oxford, OUP, 2008,
- 10 Goodwin Gill, Guy S., McAdam, Jane, The Refugee in International Law, Third Revised Edition, Oxford University Press, 2007
- 11 Stephen Castles and Mark J. Miller, The Age of Migration: International Population Movements in the Modern World, 4th edition, Guilford Press, 2008.
- 12 Frances Nicholson and P. Twomey, Refugee Rights and Realities: Evolving International Concepts and Regimes, Cambridge University Press, 1999.

Semester VIII – General Electives -7

(25-274-0809)

International Trade Law

(Credit 5)

Course Objectives:

This course discusses the legal system governing international trade with particular emphasis on the law of the World Trade Organization (WTO) and the Indian legal framework on the regulation of foreign trade. The objective of this course is to give students a comprehensive overview of the world trading system, with in-depth knowledge of selected segments in this increasingly influential branch of international law. This course is designed for students who may practice in the subject area, either at private firms, think-tanks or in government, or generally for any student who would like to understand the world trading system for personal or scholarly reasons.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the relevance of the regionalization of trade and identify major regional organizations establishing free trade areas and customs unions	Understand
CO 2	To analyse the general rules governing WTO law and the covered agreements such as GATT, GATS and TRIPS and relate it with the WTO dispute settlement mechanism	Analyse

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CO 3	To apply the knowledge to concrete situations while engaged by private firms, think-tanks, governments and in the personal capacity as a researcher.	Apply

CO-PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1	1	3	3	1
CO 2	2	2	3	2	1
CO 3	2	2	2	3	2

1- Slightly/Low, 2 –Moderate/Medium, 3-Substantial/High, “-” = No correlation.

Course contents:

Module I: Introduction to International Trade Law

Basics of international trade and commerce–Historical background of the General Agreement on Tariffs and Trade–The role of international trade in the global development– Sources of international trade law – International economic institutions.

Module II: The WTO System

Evolution of WTO – Legal Structure – Principles and working of WTO – Understanding the structures of the Covered Agreements – Trade in Services (GATS) – Trade related aspects of Intellectual Property Rights (TRIPS) – Dispute settlement understanding.

Module III: General Principles of Non-discrimination

Most-favoured Nation Treatment (MFN) – History and Basic issues – GATT/WTO cases concerning MFN– National treatment scope and application–History and Basic issues Like products – GATT/WTO cases concerning National Treatment

Module IV: Exceptions and Trade Remedies

General exceptions – Security exceptions – Anti-dumping – Subsidies and countervailing duties – Safeguards – Protection of domestic market and India’s commitments to free trade

Module V: Regional Integration and Trade

Preferential trade agreements – Free Trade Areas – Customs Union – WTO Committee on Regional Trade Agreements (CRTA) – Transparency mechanism – Dispute Settlement

References:

- 1 Raj Bhalla, International Trade Law: A Comprehensive Textbook (4 vols.) (Carolina Academic Press 2019)
- 2 John H Jackson, The jurisprudence of GATT and the WTO (Cambridge University Press 2000)
- 3 Mitsuo Matsushita, et. al. The World Trade Organization: law, practice, and policy (Oxford University Press, 2015).
- 4 Hoekman, Bernard M., and Petros C. Mavroidis. World Trade Organization (WTO): Law, Economics, and Politics (Routledge, 2007)

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- 5 Lester, Simon, Bryan Mercurio, and Arwel Davies. World trade law: text, materials and commentary (Hart Publishing,2018)
- 6 AKKoul, Guide to the WTO and GATT: Economics, Law and Politics (Springer2018)

Semester VIII – General Electives -8

(25-274-0810)

Interpretation of Statutes

(Credit 5)

Course Objectives:

This course provides an idea about how a law can be interpreted in cases of ambiguity. It also enlightens the students about various rules and principles applicable while interpreting a legal provision. Further this course gives an idea about the importance of various tools for interpretation; the special rules applicable to interpretation of Constitution; and the special rules relating to legislative interpretations.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the legal provisions and laws in its right perspective.	Understand
CO 2	To analyse the legislative intent behind diverse legislations.	Analyse
CO 3	To apply the understandings developed in the course of performance in courts as a lawyer as well as a judge.	Apply

CO-PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1	-	1	3	1
CO 2	2	-	2	2	1
CO 3	2	1	2	2	1

1- Slightly/Low, 2 –Moderate/Medium, 3-Substantial/High, “-” = No correlation.

Course contents:

Module I: Basics of Interpretation

Meaning of Interpretation - Need for Interpretation – Act – Enactment - Statutes – Ordinances - Rules, etc.

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Module II: Internal Aids to Interpretation

Title– Preamble– Heading- Marginal Note– Section- Sub-section –Punctuation –Illustration – Exception – Proviso – Explanation - Saving Clause – Schedule

Module III: External Aids to Interpretation

Constituent Assembly Debates for Constitutional Interpretation - Constitution of India - Legislative History: Legislative Intention - Statement of Objects and Reasons - Legislative Debates - Committee Reports, Law Commission Reports

Module IV: Rules of Interpretation

Literal Rule - Golden Rule - Mischief Rule - Legal Fiction - Ejusdem generis - Noscitur a sociis–Reddendo singulari singularis–Generalia specialibus non derogant.

Module V: Legislative Interpretations

Presumptions and Assumptions - Jurisdiction - repealing - Constitutionality of statutes - retrospective operation - Equitable construction - strict construction of penal laws -mandatory and directory provisions - Construction of words - maxims.

References:

- 1 N S Bindra's Interpretation of Statutes, Law Book Co.,2007
- 2 Kafaltiya A.B, Interpretation of Statutes, Universal Law Publishing Co.,2008
- 3 D. Neil Ma Cormick, Robert S. Summers, Interpreting Statutes: A Comparative Study, Rotledge,2016.
- 4 Cameron Hutchison, Fundamentals of Statutory Interpretation, Lexis Nexis Canada,2018.
- 5 P.S. Langan Maxwell on the Interpretation of Statutes, N.M.Tripathi Pvt. Ltd., Bombay,1993
- 6 F.A.R. Benion, Statutory Interpretation: A Code, Butterworths,2002
- 7 G.P. Singh, Principles of Statutory Interpretation, Wadhwa& Co., Nagpur,2010.

Semester VIII – General Electives -9

(25-274-0811)

Land Utilization Law

(Credit 5)

Course Objectives:

The course seeks to explore the need and objectives of land use controls. It discusses the environmental issues relating to land use pattern. It enables students to get an overview of various laws governing land use, land acquisition and land reforms. It also helps to have an idea on the international norms on land use planning.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand international norms on land use planning..	Understand

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CO 2	To analyse environmental issues related to land utilization.	Analyse
CO 3	To apply the understanding to concrete situations to professionally handle land-related concerns.	Apply

CO-PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1	1	2	3	1
CO 2	1	1	2	3	1
CO 3	1	2	1	2	2

1- Slightly/Low, 2 –Moderate/Medium, 3-Substantial/High, “-” = No correlation.

Course contents:

Module I: Introduction to Land use Laws

Land use control –Objectives of land use planning and controls –Constitutional Perspectives- Land Management and Improvement of Land Quality-Land use conflicts.

Module II: Environmental Issues in Land Use

Environmental issues relating to land use pattern– Zoning legislations and the environmental concerns- Paddy field reclamation -Wetlands – Costal Regulatory Zones- Reclaimed lands -Development Controls- Mining Controls.

Module III: Urban Land Use

Town Planning -Sanitation- Building regulations-Solid waste Management-Mobility Planning- Regional Connectivity-Roads and railways - Land Pooling schemes- Squatter Settlements.

Module IV: Land Acquisition and Land Reforms

Law relating to Land Acquisition – Agricultural Land Ceiling- Urban Land Ceiling- Land reforms in Kerala- Law relating to Alienation and Assignment of land in Scheduled areas.

Module V: International Practice on Land Use

International norms on land use and urban planning- International guidelines on territorial planning- sustainable urban development- Inclusive cities- Inclusive governance.

References:

- 1 Barlow Burke, The Law of Zoning and Land Use Controls, Lexis Nexis,2013.
- 2 Law Relating to Land Acquisition, Rehabilitation and Resettlement, Taxmann,2014.
- 3 P K Sarkar, Law of Acquisition of Land in India, Eastern Law House,2012.
- 4 Robert Ellickson, Land Use Controls – Cases and Materials, Wolters Kluwer,2013.

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- 5 A. Gangadharan, Law of Land Reforms in Kerala, Travancore LawHouse,1976.
- 6 SK Kulshestra, Urban and Regional Planning in India, Sage publishers,2012.
- 7 Omar Ismail, Aspects of Land Management and Development, Lambert Publishing,2015
- 8 K Samba Sivan, Disparities of Urban Land Values and Shift in Land Use, Lambert Publishing, 2012.
- 9 Allen Abranson, Land Law, Environment and Mythical Land,2000.
- 10 George Johnson, Law of Land Reforms in Kerala, Em TeeM Publications, 2008.

Semester VIII – General Electives - 10

(25-274-0812)

Law and Medicine

(Credit 5)

Course Objectives:

The principal objective of the course is to provide a detailed overview of various medical laws to the students. It also intends to provide the students with the idea of right to health as a basic human right and its importance in the society. The course is also aims to identify and discuss various ethical issues involved in the area of medical law and to sensitize the students about the need for regulating medical profession and practices. It is thereby the laws regulating medical profession and education identified and put to analyse its competency in protecting the rights of the patient community. The socio-legal issues related to access to medicine is also an important concern of the society being analysed in this respect.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand various ethical and social issues involved in medical practice.	Understand
CO 2	To analyse the comparative legal positions in various medico-legal issues.	Analyse
CO 3	To apply the expertise to tackle the ever emerging ethical and legal challenges in the area of medical law with the advancement of science.	Apply

CO-PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	-	2	2	3	1
CO 2	-	2	2	3	1
CO 3	1	2	2	3	2

1- Slightly/Low, 2 –Moderate/Medium, 3-Substantial/High, “-” = No correlation.

Course contents:

Module I: Control over Medical Profession

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Control of medical profession through law - ethical code for medical professionals- Role of MCI Rules on professional conduct - liability of doctors under common law - criminal liability - consumer protection and medical profession- Regulating medical education.

Module II: Ethical Concerns involved in Medical Practice

Laws bearing on medical practice-ensuring quality service- need for a comprehensive health policy and law- Ethical and legal issues relating to Abortion- ART, Surrogacy, PNDT Act- Euthanasia- control of epidemics and quarantine rule- relevant legal regulations on organ transplantation.

Module III: Control of Drugs

Control of drugs - manufacture – distribution- Drugs and Cosmetics Act- Definition Of Drugs- Import, Manufacture of Drugs and relevant rules- prohibition on magical remedies- IPC provisions.

Module IV: Human Experimentation and Medical Science

Human experimentation legal and ethical control - national and international regulations- Nuremberg Code, Helsinki Declaration, other relevant international guidelines- ICMR Guidelines and Rules on Clinical Trials

Module V: Access to Health Care and Constitutional Framework

Access to medical care and health services –public health emergencies - cost of health care - measures to make the facilities accessible - aspects of social justice in this regard- patent regime and its impact on health sector- compulsory licensing- access to medical records by patients.

References:

- 1 S.K.Varma(Ed.),Legal Framework for Health Care in India, Lexis Nexis(2002)
- 2 George P. Smith, Human Rights and Biomedicine, Springer (2000).
- 3 William Roach, Medical Records and the Law, AHIMA(1985)
- 4 Richardson, Doctor Lawyer and the Courts, Anderson Co.(1965).
- 5 Shaun D. Pattison, Law and Medical Ethics, Sweet & Maxwell(5th edn,2017).
- 6 Jonathan Herring, Medical Law and Ethics, Oxford University Press(2018)
- 7 Tapas Kumar Koley, Medical Negligence and the Law in India: Duties, Responsibilities, Rights, Oxford University Press(2010).
- 8 Gillian Douglas, Law, Fertility and Reproduction, Thomas Professional (1992).
- 9 Vijay Malik (Ed.),Law Relating to Drugs and Cosmetics, Eastern Book Co.(2018).
- 10 Lily Srivastava, Law and Medicine, Universal Publishing Co. (2010).

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Semester VIII – General Electives - 11

(25-274-0813)

Law Governing Scientific Research

(Credit 5)

Course Objectives:

The course provides the base for understanding the niche areas of interface between law and scientific research. It provides an overview of the contemporary developments in the area of scientific research and the existing national and international norms for the same. It delves into ethical, legal and social issues and challenges in different types of scientific research.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the contemporary developments in the area of scientific research and law.	Understand
CO 2	To analyse critically the gaps in the international and national norms and there by accentuates their analytical skills.	Analyse
CO 3	To apply the expertise developed to handle technology-based litigations	Apply

CO-PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	2	3	3	3	2
CO 2	1	1	2	3	1
CO 3	-	-	2	3	2

1- Slightly/Low, 2 –Moderate/Medium, 3-Substantial/High, “-” = No correlation.

Course contents:

Module I: Scientific Research and their Different Forms

Aspects of Scientific research - Funding for research programmes– Types- Military research - Incentives for research - Monopoly for outcome of research - Research for Community interest - Agricultural and Horticultural Research.

Module II: Legal Response to Marine and Space Research

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Marine Scientific Research and Atmospheric - space research - Limitations under Customary international law - UNCLOS III Provisions - Research in inland waters, territorial sea, Economic Zone, Continental Shelf and High sea, weapon testing in sea-NTBT and Law of the sea- Research in outer space and atmosphere.

Module III: Human Subject Research: Legal and Ethical Concerns

Research on Human subjects - Types of research – Embryo research and Human genetics for research - research ethics committees and license requirements - Consent to research - Confidentiality in health care research – Informed Consent- Bioethics- Problems of applied research –prenatal diagnostics, HIV diagnosis.

Module IV: Pharmaceutical Research and the Law

Research relating to Drugs and Pharmaceutical products – New Drug licensing – Clinical trials guidelines by WHO – European Convention - Drug licensing procedures in India, U.K. and U.S.A.

Module V: Biological Resources and Scientific Research

Research on Biological Resources- International and National Approaches -Protection of animals in research- Biotechnological research - Rules relating to DNA research, guidelines by Bio Safety Commission - Cloning of Human beings-Human rights and ethical issues.

References:

- 1 John de la Mothe (Ed.), Science, Technology and Governance, Chap.9., Cassell, London 1999
- 2 World Drug Report, UN International Drug Control Programme.
- 3 Casino Marco Mazzoni, Ethics and Law in Biological Research, Kluwer Law International, 2002
- 4 Ted Peters, Playing God? Genetic Determinism and Human Freedom, Routledge, 2014
- 5 Michael Freeman (Ed.), Science in Court, Routledge, 1998
- 6 Ziman, The World of Science & the Rule of Law, OUP, 1986

Semester VIII – General Electives - 12

(25-274-0814)

Law of Co-operative Societies

(Credit 5)

Course Objectives:

The course aims to provide an understanding about the concept of cooperatives- society. It enables to acquire knowledge about the evolution of the concept and imparting information about the historical development of co- operative Societies. It aims to acquaint the students with relevant provisions of the Co-operative Societies Act, 1969 and illustrating the structure and functioning of the Co-operative Societies. It also aims discussion on the procedures relating to settlement of disputes, winding up and amalgamation procedure.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the structure & composition of a co-operative society and how a co-operative society function	Understand
CO 2	To analyse the advantages of forming a co-operative society	Analyse

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CO 3	To apply the expertise developed to handle the legal formalities regarding the formation, functioning, winding up & dissolution of a co-operative society	Apply

CO-PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	-	1	1	3	2
CO 2	-	1	1	3	1
CO 3	1	-	-	3	2

1- Slightly/Low, 2 –Moderate/Medium, 3-Substantial/High, “-” = No correlation.

Course contents:

Module I: Evolution and Historical Development of Co-operative Societies

The concept of co-operation–definition, nature, values, objectives and principles- history and development of co-operatives –association and enterprise characteristics- different types of co- operatives - classification of co-operative societies-departmental set up.

Module II: Co-operative Societies Law

Selected provisions of Kerala Cooperative Societies Act–Registration- cancellation and suspension of registration- Powers of Registrar-amendment of byelaws -amalgamation and division- members-rights and liabilities

Module III: Composition, Powers and Privileges of Co-operative Societies

Management of societies– General body, Board of Directors, Chief Executive Officer– powers, election and nomination –privileges of societies

Module IV: Management of Funds

Properties and funds of societies-disposal of net profit-cooperative education fund- maintenance of fluid resources

Module V: Enforcement Mechanism and Winding Up

Audit of societies-settlement of disputes-execution of awards & decrees- winding up and dissolution of co-operative societies- liquidator, powers and liquidation procedure.

References:

- 1 Sugathan, Law Relating to Co-operative Societies in India.
- 2 T.R.Sreenivasan, L.S.Sastri's Law and Practice of Co-operative Societies in India, Law Book Company,1968.
- 3 Mohanan.P.N., Co-operative Laws in Kerala with Allied Laws, Kerala State Publication, 22 nd Edition
- 4 Bedi R.D, Theory, History &Practice of Cooperation, Loyal Book depot, Meerut, 2001.

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- 5 ManurajS, The Co-Operative Societies Act and The CO- Operative Societies Rules Of Kerala APT Academy Kottayam,2019
- 6 S Parameswaran, Law Relating to Societies Registration, Universal Law Publishing,2017

Semester VIII – General Electives – 13

(25-274-0815)

Law on Building and Engineering Contracts

(Credit 5)

Course Objectives:

With the growth in population and industrial activity, construction activities are on an all- time rise. This calls not merely for qualified technical persons in abundance but also on lawyers with knowledge on how the sector works along with drafting agreements to suit the needs of the industry. The objective of this course is to introduce students to the nuances of building contracts to familiarise them to the notions specific to this sector, the drafting and enforcement of such contracts.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the procedure with regards to drafting of Engineering and Building Contracts	Understand
CO 2	To analyse the role of different stakeholders	Analyse
CO 3	To apply the knowledge gathered to develop skills to effectively manage the interest of different stakeholders.	Apply

CO-PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1	-	-	3	2
CO 2	1	1	1	3	1
CO 3	1	1	1	3	2

1- Slightly/Low, 2 –Moderate/Medium, 3-Substantial/High, “-” = No correlation.

Course contents:

Module I: Nature of Building and Engineering Contracts

General principles of contract law – proposal- acceptance – withdrawal – words and phrases used – Build Operate Transfer contract – Builder – Building scheme – Defect Liability period–Estimate–prime cost sum; Tenders–requisites–negotiations–criteria for fixation of price

Module II: Actors Involved

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Architect – Engineer – Quality surveyor – project manager; definitions – qualifications – duties – powers – limitation of powers – liability towards – employer – contractor and third parties; Subcontracts – relation between contractor, subcontractor and owner- building and other construction workers

Module III: Performance

Specific performance – obligation of employer and contractor – contracts where time is of essence – extension of time – extra – variations – alteration – additions – omissions – approval and certification – price and payment

Module IV: Defects and Breach

Defect Liability Period–maintenance and defect clause–frustration of contract–novation of contract – waiver and estoppels; breach – anticipatory – theory of damages – standard of proof – calculation of damages – forfeiture – determination – vesting of materials.

Module V: Interpretation

Literal construction – harmonious construction – implied terms – non obstante clause – damages – arbitration clause – power to omit works – proper use of stipulated material – clauses prohibiting award of damages

References:

- 1 P.C. Markanda, Building and Engineering Contracts: Law & Practice Volumes 1 & 2, Lexis Nexis Butterworths,2017.
- 2 G.T. Gajaria, Law Relating to Building and Engineering Contracts in India, Lexis Nexis, Butterworths India,2000.
- 3 Donald Keatings, Keating on Construction Contracts, Sweet & Maxwell,2015.
- 4 M.A. Sujana, Law Relating to Building Contracts, Universal Law Publishing Co Ltd, 2004
- 5 W.T. Creswell, Law Relating to Building and Engineering Contracts, Pitman Publishing,1957
- 6 Rangawala, Building Construction, Charotar Publishing House Pvt. Ltd.,2016

Semester VIII – General Electives - 14

(25-274-0816)

Law Relating to Child

(Credit 5)

Course Objectives:

This course aims to provide an insight in to the significance of giving special treatment to the children and to have special legislations to deal with children. This course is also aims to impart knowledge regarding the various UN conventions relating to Children and to analyse the Indian Legislations in comparison with the provisions of the UN convention. The course also gives an insight on the various facets of rights relating to children in the domestic laws. Understanding the philosophy of the Juvenile Justice (Care and Protection of

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Children) Act, 2015 and to distinguish between the children in conflict with law and children in need of care & Protection. Impart knowledge about the special legislations enacted to protect children from sexual offences.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the provisions of the Special legislations relating to children in the light of the objects of the legislation and the rights sought to be protected.	Understand
CO 2	To analyse whether the Indian Legislations are in consonance with the UN Conventions and to critically analyse the efficacy of the various legislations, the existing gaps, if any, and to relate theory and practice.	Analyse
CO 3	To apply the philosophical underpinnings of legislations to judicial pronouncements.	Apply

CO-PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	2	1	2	3	2
CO 2	1	2	2	3	1
CO 3	1	1	1	3	2

1- Slightly/Low, 2 –Moderate/Medium, 3-Substantial/High, “-” = No correlation.

Course contents:

Module I: Evolution of Rights of Child and International laws

Historical development of special treatment for children – concept of childhood –Constitutional Perspective- norms in national law - norms in international law – comparative analysis- Convention on the rights of the child.

Module II: Protection of Child Rights under Civil laws

Rights and immunities of children under municipal law-contract-tort-crime–Personal Laws and child-inheritance - maintenance -adoption and guardianship.

Module III: Child Welfare Legislations

Child labour- prohibition-welfare legislations- Education- Child Marriage Prohibition.

Module IV: Juvenile Delinquents and Children in need of Care and Protection

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Juvenile Justice Act- Treatment of child in conflict of law- Special mechanisms envisaged under the Juvenile Justice Act - philosophy reflected under-Treatment of child in need of care and protection - provisions relating to adoption – domestic and inter country adoption.

Module V: Special Legislation relating to Sexual Offences and Exploitation

Sexual offences against Children- POCSO- Trafficking of children–Child pornography.

References:

- 1 Mamta Rao, Law Relating to Women and Children (2018)
- 2 Paras Divan, Children and Legal Protection (1994)
- 3 Sunil Deshta, Law and Menace of Child Labour (2004)
- 4 Dalip Chand Manooja, Adoption Law and Practice (1993)
- 5 R.N. Choudhary, Law Relating to Juvenile Justice in India (2005)

Semester VIII – General Electives - 15

(25-274-0817)

Law Relating to Ships

(Credit 5)

Course Objectives:

The objective of the course is to create awareness among law students to address legal issues innate to ownership of ships. Amongst the course content, substantive and procedural aspects of registration is one area prone to litigations and controversies that necessitate an in depth analysis in the course. Another inevitable component is the limitation of liability dealt with in the scheme. Acquiring of skills with drafting and interpretation of shipping contracts adds value to the course.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the international consensus for protection of seamen relating to employment of seamen on board ships.	Understand
CO 2	To analyse legal framework and practice for registration and ownership of ships –both domestic and international.	Analyse
CO 3	To apply the understandings to demonstrate the ancillary shipping contracts and its drafting.	Apply

CO-PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1	-	-	3	1
CO 2	1	2	2	3	1
CO 3	1	1	1	3	2

1- Slightly/Low, 2 –Moderate/Medium, 3-Substantial/High, “-” = No correlation.

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Course contents:

Module I: Jurisdiction of States over Ships

Jurisdiction over ships - Civil, Criminal and Administrative- Internal Waters and Ports – Territorial waters, Exclusive Economic Zone and other maritime zones - Government ships- Sovereign Immunity - Merchant ships - Access to Ports – Regulatory Framework - Arrest of Vessels and Safeguards.

Module II: Ownership and Registration of ships

Ownership and Registration of Merchant Ships, Fishing Vessels - Role of Mercantile Marine Department –Classification Societies- Concept of Genuine link - Inspection Survey and procedure for Registration

Module III: Employment of Seamen

Employment in ships –Seamen-meaning- Training for sea service - Rating of seamen - Continuous Discharge Certificate - Right to remuneration and other service conditions in ships.

Module IV: Ancillary Shipping Contracts

Ancillary Shipping Contracts - Pilotage - Salvage – Wages - Towage

Module V: Limitation of Liability

Limitation of Ship owner's liability - Concept of Privity – International convention on limitation of ship owners liability – Maritime safety-Safety of life- Security of Ports and Safety Management of Ships.

References:

- 1 Halsbury's Laws of England, Volume 3 and 4.
- 2 Robert Grime, Shipping Law, Sweet & Maxwell, (1991)
- 3 Simon Baughen, Shipping Law, Routledge (2015).
- 4 Martin J. Norris, The Law of Salvage, Sweet & Maxwell (1958).
- 5 Geoffrey Brice, Maritime Law of Salvage (1984).
- 6 Francis Rose, The Modern Law of Pilotage, Sweet & Maxwell (1984).
- 7 Chorley and Giles, Shipping Law, (1987).
- 8 Narmada M. Agarwal, Merchant Shipping Legislation in India & U.K., University of Bombay (1973).
- 9 Robert Force, Admiralty and Maritime law, Beard Books (2008)

Semester VIII – General Electives – 16

(25-274-0818)

Law Relating to Armed Forces

(Credit 5)

Course Objectives:

The course gives a basic understanding on the defence laws of the nation. The course enables the student to analyse the different types of military offences and how the Court-martial system operates. The course throws light on the various legislative and constitutional protection given to Armed force and their liabilities/obligations.

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Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand court martial proceedings.	Understand
CO 2	To analyse military laws and judicial responses on a comparative basis.	Analyse
CO 3	To apply the understandings to conduct research on law relating to armed forces.	Apply

CO-PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	-	1	1	3	1
CO 2	1	1	1	3	1
CO 3	1	1	2	3	2

1- Slightly/Low, 2 –Moderate/Medium, 3-Substantial/High, “-” = No correlation.

Course contents:

Module I: Historical Background of Military Law

The origin and development of Indian military Law- Discipline and Justice- International legal framework on military laws- trial of prisoners of war.

Module II: Indian Military Laws

Army Act, Navy Act and Air Force Act.

Module III: Military Offences

Military Offences and punishment- Features of Military Court.

Module IV: Court Martial System

The Court Martial System-Role of prosecutors-judge–evidence system-evolution of court martial system

Module V: Military Laws - Comparative Position

Martial law – Constitutional position-special powers to armed forces and acts of indemnity- comparison UK, USA-Judicial response to military interventions

References:

- 1 Dr. D.C. Jain, Military Law in India,1984
- 2 Col. G.K. Sharma, Study and Practice of Military Law, 8th edn.,2019
- 3 Maj. Gen. Nilendera Kumar, Law Relating to Armed Forces in India, Universal Law Publication,2005.
- 4 UmaPrasadT. Military History of India,Rupa,2018.
- 5 U. C. Jha, A Handbook of Military Law, Vij Publications, 2013.

Semester VIII – General Electives - 17

(25-274-0819)

Marine Safety Law

(Credit 5)

Course Objectives:

The course introduces the international legal framework for ensuring marine safety and prevention of pollution from ships. The course draws on measures adopted by IMO to address physical safety and stability of ships, manning standards, environmental protection and safety management schemes. The prevention of collision and shipping casualties and the power of authorities to initiate enquiries into casualties assume relevance.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand and reflect on problems with enforcement of marine safety standards by regulatory agencies.	Understand
CO 2	To analyse existing scheme of Marine safety for suggesting improvements.	Analyse
CO 3	To apply to concrete situations the expertise with legal aspects of marine safety for ships like Construction standards, physical safety and safety management norms adopted by IMO.	Apply

CO-PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	-	1	2	3	2
CO 2	1	2	2	3	2
CO 3	1	2	2	3	2

1- Slightly/Low, 2 –Moderate/Medium, 3-Substantial/High, “-” = No correlation.

Course contents:

Module I: Introduction to Marine Safety

Marine Safety-General principles governing safety of life and property at sea – prohibitions on sending unsafe ships to Sea - liability of owners and operators - duty to provide assistance ship in distress.

Module II: Construction and Manning Standards

Construction and maintenance of ships - survey of ships - continuous survey obligations - IMO code for construction of ship - Indian ship construction rules. Manning of ships - Training, Certification and watch

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keeping – STCW Convention, 1978, Employment Conditions of sea men – MLC 2006 -provisions of the Merchant Shipping Act and Rules.

Module III: Physical and Environmental safety

Load line Conventions - loading of ships - unsafe goods – over loading safety appliances, radar, maps and charts - radio and telecommunication rules, lifeboats, buoys etc- Safety Management (ISM) - Environmental safety and Climate change norms for ships.

Module IV: Prevention of Collision

Collision regulations - steering and signaling- Liability for collision -nominal and civil liability

Module V: Shipping Casualties

Investigation of shipping casualties – Authorities and Powers under Indian Law.

References:

- 1 Simon Baughen, Shipping Law, Routledge 2012
- 2 B.C. Mitra, Law Relating to Marine Insurance, Universal Publishing Co. 2012
- 3 Nagendra Singh (Ed.), British Shipping Laws, Sweet & Maxwell Vol.IV.1993
- 4 National Research Council, Crew Size and maritime safety, National Academic Press 1990
- 5 Iliana Christodoulou-Varotsi, Maritime Safety Law and Policies of the European Union and the United States of America: Antagonism or Synergy?, Springer 2010
- 6 Ivane Abashidze, Maritime Safety & Classification Society – A Georgian Prospective, Lambert 2014

Semester VIII – General Electives -18

(25-274-0820)

Science, Technology and Law

(Credit 5)

Course Objectives:

This course aims at critically evaluating the challenges for Law in the wake of scientific advancements and the resultant technologies. As science challenges a lot of conventional concepts, ethics and morality, Law has to create a balance between restricting the misuse of the same, while to allow its use for the welfare of mankind. This course aims at having a vivid idea of the international as well as national norms in this regard, having the human rights overtones as the basis.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the conflict between ethics, and morality on the one hand, and scientific advancement on the other and the role of Law in balancing them.	Understand
CO 2	To analyse the importance and the need for a law student to have adequate knowledge in all fields of knowledge including in science..	Analyse

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CO 3	To apply the knowledge to develop the capacity to be balanced while approaching the conflict between ethics which is often a religious conviction and use of technologies.	Apply

CO-PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	3	3	2
CO 2	3	2	2	3	2
CO 3	3	2	2	3	2

1- Slightly/Low, 2 –Moderate/Medium, 3-Substantial/High, “-” = No correlation.

Course contents:

Module I: Science and Social Conflicts

Impact of science on society–Scientific Advancement and Traditional Values–Role of law in balancing conflict between science and customary values- rule of social acceptance of norms.

Module II: Ethics in Scientific Research

Scientific research and its social implications-science and ethics-human and animal research-ethical and legal concerns- privacy, autonomy, self-determination and other human rights in scientific research.

Module III: Scientific Advancements and Law

Science and problem of human civilization-application of scientific knowledge- environmental hazards– Nuclear disaster-impact of scientific developments on environment-legal response–State liability-limitations by law.

Module IV: Biotechnology and Law

Problems raised by developments in biological sciences–knowledge in genetics and its social implications-regulation on research over human body materials- human body as property- implications - ethical problems in human genetics- judicial responses- patenting living organisms.

Module V: Artificial Intelligence and Law

Replacing human intelligence by artificial intelligence- legal and ethical challenges- artificial intelligence in healthcare settings- doctor-patient relationship- impact on socialization process and limitations- national and international legal measures.

References:

- 1 Robin Feldman, Role of Science in Law, Oxford University Press, (1st Edn.-2009)
- 2 Rohan J. Hardcastle, Law and the Human Body- Property, ownership and control, Hart Publishing,2009
- 3 Kevin D. Ashley, Artificial Intelligence and Legal Analytics: New Tools for the legal practice in the Digital Age, Cambridge University Press,2017.

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- 4 Joseph L.Daleiden, The Science of Morality: The Individual, Community, and Future Generations, Prometheus Publications,1998.
- 5 Katri Lohmus, Caring Autonomy: European Human Rights Law and the challenge of individualism, Cambridge University Press,2015.
- 6 Sarah Devaney, Stem Cell Research and the Collaborative Regulation of Innovation, Routledge Publishers,2017
- 7 Rajeev Kuman Singh, Patenting of life forms: Ethical dimensions and judicial trends, Lap Lambert Academic Publishing, 2013
- 8 Dr. Gurmanpreet Kaur, Nuclear Policy and Law, Sathyam Law International,2018.
- 9 ICRIER Health Policy Initiative, Challenges and Prospects for Clinical Trials in India: A Regulatory Perspective, Academic Foundaiton,2018
- 10 Russell Sandberg, Religion, Law and Society, Cambridge University Press,2014.

Semester VIII – General Electives - 19

(25-274-0821)

Securities Law

(Credit 5)

Course Objectives:

The primary objective of the course is to identify different kinds of ‘securities’ and examine the features of different kinds of securities. It enumerates the functioning of securities market. It analyses the role of regulators in securities market and securities market intermediaries. It helps the students in understanding the role and functioning of stock exchanges. It introduces various kinds of alternate investment funds available in the market.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the law governing securities market	Understand
CO 2	To analyse the effect of securities market on economy	Analyse
CO 3	To apply the knowledge to concrete situations demanding legal compliances for issue of securities.	Apply

CO-PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	2	1	1	3	1
CO 2	1	1	1	3	-

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CO 3	1	1	1	3	2

1- Slightly/Low, 2 –Moderate/Medium, 3-Substantial/High, “-” = No correlation

Course contents:

Module I: Introduction to Securities Law

Meaning of ‘securities’ - Kinds of securities - Shares and debentures - Hybrid securities - Government securities-Depository Receipts- Need for securities market regulation- Securities Market and Economic growth-Securities market reforms- International organization of securities commissions (IOSCO)

Module II: Securities Market

Securities markets regulation- Jurisdiction, powers and functions of SEBI- Control over stock exchanges- Primary market-secondary market-Governance of stock exchanges- Corporatization and demutualization of Stock exchanges- Depositories– dematerialisation- Stock Exchanges in International Financial Service Centres.

Module III: Role of Market Intermediaries

Securities market intermediaries- Regulatory controls- Stock exchanges- merchant bankers- credit rating agencies – Underwriters -share transfer agents-Clearing corporations, Credit Rating agencies-Self-regulatory organizations (SRO).

Module IV: Trading in Securities

Sale and Purchase of securities-Investor Protection- Role of SEBI- Redressal of grievances- Prohibition of fraudulent trade practices–Market Manipulation-Insider Trading.

Module V: Alternate Investment Funds

Mutual funds, venture capital funds, angel funds, collective investment schemes-Hedge Funds-Real Estate Investment funds-Private Equity.

References:

- 1 Taxmanns, Securities Laws & Capital Markets,2019.
- 2 Timothy Spangler, Law of Private Investment Funds, Oxford,2018.
- 3 Raghvendra K. Singh and Shailendera K. Singh, Law and Regulation of Public Offering of Corporate Securities, Oxford,2016.
- 4 Kondaiah Jonnalagadda, Securities Law, Lexis Nexis,2015.
- 5 Sumit Agrawal& Robin Baby, SEBI Act- A Legal Commentary, Taxmann,2011.
- 6 Niamh Moloney, Oxford Handbook of Financial Regulation, OUP,2014
- 7 Nicholas L. Georgakopoulos, The Logic of Securities Law, Cambridge,2017.
- 8 Cumming & Johan, Venture Capital and Private Equity Contracting, Elsevier,2013
- 9 Henry Conac & Gelter, Global Securities Litigation and Enforcement, Cambridge, 2019.
- 10 Jonathan Fisher, Law on Investor Protection, Sweet and Maxwell,2003
- 11 Ajay Goel, Capital Markets and Securities Laws, Bharat Law House,2015.
- 12 Neha Bhuwania, Guide to Private Equity, Taxmann,2014.

SEMESTER IX

Semester IX – Course - I

(25-274-0901)

Mediation, Conciliation and Arbitration

(Credit – 5)

Course Objectives:

Owing to the many drawbacks of the mainstream judicial dispute settlement, the understanding of alternative dispute resolution (ADR) is a necessity for any modern lawyer. Today, students of law must be equipped with the theoretical and practical knowledge of specialised mechanisms of dispute resolution which are both time and cost effective, and aids the disputing parties to reach settle the differences. The course, thus, explores the concept of alternative dispute resolution and the various established ADR mechanisms with an emphasis on Mediation. The course aims to provide training in practical skills apart from theory

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand how to draft agreements for mediation including settlement agreements	Understand
CO 2	To analyse the procedures of dispute settlement outside formal court system	Analyse
CO 3	To apply the acquired skills on settling a dispute at the pre-trial stage	Apply

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	2	-	2	3	3
CO 2	2	2	2	2	2
CO 3	1	-	2	3	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course contents:

Module I: Introduction to Alternative Dispute Resolution

Understanding Conflict and Disputes – Modes of Dispute Resolution – Advantages of ADR – Different forms of ADR – Legal framework in India

Module II: Importance of Mediation and Key Concepts

Theory of restorative Justice and Traditional Mediation Practice – New approaches to mediation – Essential elements and processes – role of the mediator

Module III: Settlement agreements and mediation laws in India

Decision making techniques - Drafting of agreements - sanctity of mediated agreements - enforcement laws and procedures

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Module IV: Important Developments in Mediation

Growth of virtual dispute resolution – Commercial mediation - UNCITRAL Model Law – Singapore Convention on Mediation

Module V: Conciliation and Arbitration

Meaning of conciliation – conduct of proceedings – settlement agreement – relation to arbitral and judicial proceeding; Arbitration – meaning of – difference with other kinds of mechanisms – Arbitration agreement – Tribunal - Award

Evaluation Pattern

Practical sessions should comprise around 50% of the total allotted teaching hours of this paper.

Evaluation Scheme

- a) Simulation activities within class room and maintaining its records- 30 marks
- b) Live observation of procedures and recording the same- 30 marks
- c) Internal examination – 20 marks
- d) Viva-voce examination- 15 marks
- e) Attendance- 5 marks,

The viva-voce shall be conducted by a panel of internal and external expert.

References:

1. Christopher Moore, The Mediation Process: Practical Strategies for Resolving Conflict, (Wiley 2003)
2. Roger Fisher, William Ury and Bruce Patton, Getting to Yes: Negotiating Agreement Without Giving In, (Penguin 2011)
3. Sriram Panchu, Mediation Practice & Law: The Path to Successful Dispute Resolution, (Lexis Nexis 2011)
4. Joel Lee and Teh Hwee Hwee, An Asian Perspective on Mediation, (Singapore Academy of Law 2009)
5. P.C. Rao & William Sheffield, ed., Alternative Disputes Resolution- What it is and how it works? (Universal Law Publishing 2015)
6. Shashank Garg, Alternative Dispute Resolution: The Indian Perspective, (Oxford University Press 2018)
7. O.P. Malothra, The Law and Practice of Arbitration & Conciliation, (Lexis Nexis Butterworths 2014)

Semester IX – General Electives - 1

(25-274-0902)

Animal Protection Laws

(Credit – 5)

Course Objectives:

The course intends to discuss fundamental questions such as relationship between man and animal, role of culture and belief in protection and exploitation of animals and the status of animals as property. It introduces the students to the broad range of laws that deals with companion animals, farm animals, animals used for entertainment and animals used for scientific experimentation.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the cultural, economic and legal context of animal use and exploitation.	Understand

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CO 2	To analyse the legal debates on relationship between man and animal.	Analyse
CO 3	To apply legal principles to real-world scenarios involving animal rights and welfare.	Apply

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1	-	1	3	1
CO 2	1	-	1	3	1
CO 3	2	-	1	3	2

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course contents:

Module I: Introduction

Animals- moral status- Different approaches- philosophic, religious scientific and historical- man and his relationship with animals-Humanism and compassion to animals- Position of animals in nature- feraenaturae and ferae mansuatae naturae- Kind of protection needed for animals.

Module II: Wild Life Protection

Laws on Wildlife Protection- Ownership of wild life- Public trust doctrine-First man who possess it- Wild life protection legislations in India- National and international legal framework on wild life protection- Critical wildlife habitat under Forest Rights Act- Symbiotic relationship between wildlife and tribal people – human-wildlife conflict.

Module III: Law Relating to Work Animals

Domestication- Farm animals -Use of animals for entertainment- Laws relating to zoo- Use of animals for agricultural purposes- Cruelty towards animals– Law on prohibition of cow slaughter- Street animals- Elimination of dangerous and wandering animals - judicial responses- Domestication and use of elephants in Kerala- Law relating to Pets.

Module IV: Law Relating to Experimentation in Animals

Use of animals in scientific research-International and National framework – regulating animal experimentation- Policies and guidelines.

Module V: Ecosystem and Animal Conservation

Ecological awareness and new approach to animal rights- Ecosystem and its conservation- relevance of wildlife and animal conservation- Laws and judicial perspectives - Animal Welfare Board- Constitution and purposes – cruelty against animals – protection of endangered species.

References:

1. Carr and Broom, Tourism and Animal Welfare, CABI, 2018.
2. Favre, David S, Animal Law: Welfare, Interests and Rights, Wolters Kluwer, 2011.
3. P. Leelakrishnan, Environmental Law in India , Lexis Nexis,2016.
4. Sustain, Cass, Animal Rights: Current Debates and New Directions, Oxford, 2004.
5. Simon Brooman, Debbie Legge, Law Relating to Animals, Routledge, 1997.
6. Maneka Gandhi, Ozair Hussain et al, Animal Laws of India, 2004.
7. Tom Regan, The Case for Animal Rights, California Press, 1983
8. Vipin Dayal, Animal Laws in India.
9. Majumdar, Environment and Wildlife Laws in India, Lexis Nexis, 2013.
10. Shyam Diwan & Armin Rosencranz, Environmental Law & Policy in India, Oxford, 2002.
11. Gary Francione, Animals, Property and the Law, Temple University Press, 1995.

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12. Satish C. Sastri, Environmental Law, EBC, 2015

Semester IX – General Electives - 2 **(25-274-0903) Disability Law (Credit – 5)**

Course Objectives:

This course enables the students to learn the problems faced by the disabled people and to identify the laws for the protection of disable populations is the main objective of this course. It will also help the students to analyse the competency of the laws internationally and nationally for addressing the rights of the disable population. The course aims at motivating the students to act with social commitment for the protection of the rights of the disabled populations and will make them to acquire expertise over the laws governing disabled people. Socially committed advocates will be able to help associations and NGOs on legal issues faced by disabled populations.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand different area of disability law and make students socially committed and work for the rights of disabled people.	Understand
CO 2	To analyse the rights and protections afforded to individuals with disabilities under various laws	Analyse
CO 3	To apply the acquired knowledge in the area of disability law to assist or advice the government and policy makers for improving laws and policies for disabled people.	Apply

CO- PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	2	1	1	3	1
CO 2	3	1	1	1	1
CO 3	1	1	-	3	2

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course contents:

Module I: Disability – Meaning and Content

Disability question in jurisprudence discourse–disability its meaning and kinds-the equality– justice – welfare models.

Module II: Human Rights of Disabled

Human Rights approach to disability –UN Documents- Convention/Declaration on the Rights of Disabled Persons- Principles for the protection of persons with mental illness and Improvement of mental health care – Legal framework on disability in India- Rights of the Persons with Disability Act- Mental Health Care Act- Rehabilitation Council of India- RCI Act.

Module III: Medical Decisions making and The Disabled

Medical decision making by disabled persons- judicial responses - UK and US comparative position.

Module IV: Discrimination of Disabled

Disability - marginalization - oppression and discrimination - Accessibility to build environment and transport

Module V: Right to Education and Employment of Disabled

Access to education - Equality of opportunity in employment – vulnerability to violence.

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References:

1. Dr. G. N. Karna, United Nations and Rights of Disabled Persons: A Study in Indian Perspective, A.P. H. Publications (1999).
2. Anna Arstein (Ed.), Disability Human Rights Law, MDPI (2018).
3. Marck C. Webber, Understanding Disability Law, Lexis Nexis(2ndedn.,2012).
4. Jayna Kothari, The Future of Disability Law in India: A Critical Analysis of the Persons with Disabilities: A Critical Analysis of the Persons with Disabilities (Equal Opportunities), Oxford University Press,2012
5. Coomara Pyaneandee, International Disability Law: A Practical Approach to the United Nations Convention on the Rights of Persons with Disabilities, Routledge, 2018

(25-274-0904)	Semester IX – General Electives - 3 Forensic Science and Medical Jurisprudence	(Credit – 5)

Course Objectives:

The course aims at giving the students the use of science as evidence in the courts of Law for proving the commission of crimes. It aims at giving the students the complete account of how science can help to prove commission of crime beyond doubt. The course is also aimed to find out how these evidences are accepted by courts in India.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the amazing ways of science in which the students can offer an insight in to the criminal investigation and in proving a crime	Understand
CO 2	To analyse the link between science and crime	Analyse
CO 3	To apply the acquired knowledge to solve complex forensic problems and in the collection and preservation of different types of evidence	Apply

CO- PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	2	3	3
CO 2	3	3	3	1	1
CO 3	1	1	-	3	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course contents:

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Module I: Origin and Development of Forensic Science

Forensic science - origin and development - importance of forensic science in criminal investigation.

Module II: Documents

Scientific examination of documents- signatures and handwritings- Forensic ballistics- finger printing/DNA printing - blood and body fluids-hair- rights of the accused.

Module III: Modern scientific advancements

Brain finger printing – Narco –analysis-polygraph-rights of the accused- evidentiary value -expert Opinion.

Module IV: Medical jurisprudence in criminal trials

Medical jurisprudence - definitions, origin and development -importance and relevance in criminal trials.

Module V: Basic Principles and evidentiary value

Basic principles and rules on evidentiary value of conclusions of medical personnel – medical jurisprudence in India and the courts.

References:

1. A. Keith Mant, Principles & Practice of Medical Toxicology Jurisprudence 1984
2. Suzane Bell, Forensic Science an introduction to investigative techniques, CRC Press, 2019.
3. Helen Whitwell, Mason's, Forensic Medicine for Lawyers, Bloomsbury Academics, 2015
4. J.P. Modi, Medical Jurisprudence and Toxicology for India, Butterworth Publications, 2017
5. Jay A. Siegel, Forensic Science the Basics, CRC Press, (2nd Edn.- 2006)
6. Alfred Swaine Taylor, A Manual of Medical Jurisprudence, (10th Edn.- 1879)

Semester IX – General Electives - 4

(25-274-0905)

Health Care Law

(Credit – 5)

Course Objectives:

The course is intended to give the students an overall picture about the laws relating to healthcare in the national and international level. The course is also aimed at giving the civil and criminal consequences of acts that affect healthcare.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand all the important legislations and concepts relating to health care.	Understand
CO 2	To analyse the structure and function of the legal system as it applies to health care, including the roles of the legislative, executive, and judicial branches.	Analyse
CO 3	To apply the acquired knowledge and skills in handling medico-legal cases in the Court as a judge as well as advocates or public prosecutors	Apply

CO- PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1	1	1	-	-
CO 2	2	2	3	1	1

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CO 3	1	1	-	3	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course contents:

Module I: Health – Basic understandings

Meaning and concept- Distinction between health and disease-Development of health care in India-Pre British, British and post British period- health care system- Allopathic and Indian System of Medicines- professional ethics - regulation of medical education

Module II: Right to Health Care Services

Concept of right to health- International obligations of state - Constitutional provisions - judicial approach -Common law - medical ethics - patient rights - consent for treatment – right to medical records

Module III: Liability for Professional Negligence

Nature of doctor- patient relationship-Tort of negligence and trespass-standard of care- Liability under consumer law–liability under criminal law

Module IV: Regulation of Institutions

Medical and para medical institutions – other medical institutions - corporate position. Registration of medical professionals –clinical establishment legislations-regulatory authorities- violence against healthcare institutions -functions of Medical Council, Dental Council, Pharmacy Council, Nursing Council - registration under different system of medicines - Regulation of manufacture and storage of medicine - sale - advertisement-Drugs and Cosmetics Act, and rules- drug price control orders.

Module V: Ethical Issues in Health Sector

Special provisions relating to mental healthcare-shift in the Mental Healthcare Act- International Human Rights norms–transplantation of human organs-pre-natal diagnostic techniques - AIDS control - medical termination of pregnancy and euthanasia. - Medical waste disposal- disputes relating to medical insurance.

References:

1. Joel B. Teitelbaum and Sara E. Wilensky, Essentials of Health Policy and Law (Essential Public Health), Jones & Bartlett Learning, 2017
2. Barry Furrow, et.al., Health Law: Cases, Materials and Problems, Abridged (American Casebook Series), West Academic Publishing, 2018
3. Dean Harris, Contemporary Issues in Healthcare Law and Ethics, Health Administration Press, 2014
4. Anita Sikand Bakshi, Hippocratic Oath or Hypocrisy?: Doctors at Crossroads, SAGE Publications Pvt. Ltd, 2018
5. Vijay Malik (Ed.), Law Relating to Drugs and Cosmetics, Eastern Book Co. (2018).
6. S.K. Verma (ed.), Legal Framework for Health Care in India, Lexis Nexis (2002)
7. George P. Smith, Human Rights and Biomedicine, Springer (2000).
8. William Roach, Medical Records and the Law, AHIMA (1985)
9. Richardson, Doctor Lawyer and the Courts, Anderson Co. (1965).
10. Shaun D. Pattison, Law and Medical Ethics, Sweet & Maxwell (5th edn, 2017).
11. Jonathan Herring, Medical Law and Ethics, Oxford University Press (2018)
12. Tapas Kumar Koley, Medical Negligence and the Law in India: Duties, Responsibilities, Rights, Oxford University Press (2010).
13. Sairam Bhat, Healthcare in India: An Introduction to Law and Legal System, Bloomsbury India, 2016

Semester IX – General Electives - 5

(25-274-0906)

Law of Local Self Government

(Credit – 5)

Course Objectives:

The course provides an understanding on the operation of the democratic process at the grass root level in India. It gives an understanding as to how the Panchayati Raj System has evolved and how governmental power devolves and operates through these institutions.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the different levels of decision making involved in the democratic process	Understand
CO 2	To analyse the policies and programs initiated by these institutions.	Analyse
CO 3	To apply the acquired knowledge to undertake social audit and evaluate the performance of these institutions and their effectiveness	Apply

CO- PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1	1	-	1	1
CO 2	2	2	3	-	-
CO 3	1	1	1	3	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course contents:

Module I: Basic Understandings on Democratic Decentralization

Local Government system in the legal structure - powers and functions – governmental and judicial control over local government

Module II: Development of Panchayati Raj Institutions in India

Evolution of Panchayati Raj System in India - a historical perspective –village panchayats in ancient India-Gandhiji's ideas on village panchayat as unit of self government-Response of the Constituent Assembly towards the Gandhian idea - The nature, scope and spirit of Art. 40 of the Constitution.

Module III: Constitutional Position of Panchayati Raj Institutions

Development of Panchayati Raj institutions in the post Constitution period - Experiments in democratic decentralisation - Reports of Balwant Rai Mehta Committee, Ashok Mehta Committee etc. Emergence of Panchayati Raj with Constitutional system - 73rd Constitutional Amendment - its implications and consequential developments.

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Module IV: Functioning of Panchayati Raj Institutions

Powers and functions of the various Panchayati Raj institutions-financial powers-finance commission - tax collection – welfare activities - Governmental and Judicial control over Panchayati Raj institutions- Local Self Government Ombudsman

Module V: Institutions of Local Self Government in the State of Kerala

The Kerala Panchayati Raj Act-the structure of Panchayati Raj institutions at various levels- Their composition-election of office bearers-meetings of the various bodies.

References:

1. Venkata Rangaiya (Ed.), Local Government in India, Allied Publishers,1969
2. William A. Robson, Local Government in Crisis, Allen & Unwin, 2nd edn,1968
3. Radhakumud Mookerly, Local Government in Ancient India, Nabu Press2012
4. IIPA, Proposal for Model Legislation for Municipal Corporations
5. 5 K Padmanabhan Nair et. al.(eds), Panchayath Laws in Kerala, Swamy Law House,1stedn2017
6. Dr. S.R Myneni, Local Self Government, Allahabad Law Agency,2016
7. Rahul Mudgal, Local Self-Government in India, Book Enclave,1998

Semester IX – Course - 6

(25-274-0907)

Law of the Sea

(Credit – 5)

Course Objectives:

The course throws light on the governance regime established by both customary international law and UNCLOS framework in various maritime zones and international waters. The course will also draw attention to the management and conservation of living resources, the protection and preservation of marine environment and the dispute settlement mechanism of law of the sea. Knowledge of the jurisprudence of the international courts and tribunals would play a significant role in the clarification of the international scheme pertaining to emerging issues of law of the Sea.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the provisions of the 1982 United Nations Convention on the Law of the Sea with regard to rights and obligations of states over the seas	Understand
CO 2	The analyse the key concepts and principles of law of the sea enable students to appraise the prospects and limitations of coastal state's jurisdiction in its maritime zones.	Analyse
CO 3	To apply the principles to real-world scenarios, including disputes over maritime boundaries, resource extraction, and environmental protection.	Apply

CO- PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5

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CO 1	-	-	1	2	1
CO 2	2	1	1	3	1
CO 3	3	2	2	3	1

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course contents:

Module I: Introduction to Law of the Sea

International Law of the sea-Historical overview- Mare clausum & Mare liberum, Sources– customs- International Conventions-UNCLOS framework- law making treaties adopted by IMO and International bodies – Decisions of ICJ, ITLOS and other international tribunals

Module II: Internal Waters and Territorial Sea

Internal waters - base line- Types - Access to ports and harbors – for foreign flag vessels, and ships in distress. Jurisdiction in maritime ports - civil and criminal, sanitary regulations. Territorial waters– coastal state jurisdiction & access to ships–Right of Innocent Passage- Contiguous zone.

Module III: Exclusive Economic Zone and Continental Shelf

Exclusive Economic Zone - Continental Shelf - international straits and archipelagos – transit passage. Delimitation of maritime boundaries - opposite and adjacent states.

Module IV: Fisheries Jurisdiction

International fisheries - conservation and exploitation of resources-Licensing of Fishing.

Module V: High Seas and Sea Bed Area

High seas - concept of patrimonial sea & common heritage – Piracy and hot pursuit international sea bed - exploration and exploitation – Role of Sea bed Authority

References:

1. R. R Churchill & A.V. Lowe, The Law of the Sea, Manchester, 2008
2. O.P. Sharma, The International Law of the Sea: Indian and UNCLOS 1982, Oxford 2009
3. Christopher Hill, Maritime Law, Cambridge 2017
4. Gopalan Nair, Maritime Law of India, 1977
5. Myres S. McDougal, The Public Order of the Oceans, Yale University Press, 1962
6. Ronald. R. Rothwell, The International Law of the Sea, Hart Publishing, 2016

Semester IX – Course - 7

(25-274-0908)

Law, Poverty and Development

(Credit – 5)

Course Objectives:

The objective of the course is to introduce to the students the basic understanding on Law, Poverty and development and their interrelationship in a changing society. The course will examine law as a tool for achieving socio- economic development of the weaker sections of society. The course aims to

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acquaint the students with various theories and perspectives of ‘development’ and to keep foremost the rights and interest of the poor and marginalized while examining developmental goals and policies.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the basic problems of the socially and economically weaker sections of the society and the conflict of rights and interest of different sections/ class of people in contest of development	Understand
CO 2	To analyse the beneficial schemes and welfare measures adopted by the state for alleviation of poverty and its effective implementation	Analyse
CO 3	To apply the acquired skills to practice in Law Courts as legal aid counsels facilitating access to justice for the poor.	Apply

CO- PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	2	1	3	3	-
CO 2	2	-	2	3	-
CO 3	1	1	1	3	1

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course contents:

Module I: Concept of Poverty and Development

Socio economic philosophy reflected under the Indian Constitutional scheme – conflicting socio-economic philosophies and the irreconciliation-the feasibility of tying the nation's basic legal document with any economic philosophy.

Module II: International Principles and Goals

Poverty reduction initiatives of ILO - United Nations Organisation- Sustainable Development Goals – WTO – UDHR

Module III: Welfare Schemes and Policies

Social and Economic Welfare Schemes and Legislations on Poverty eradication - Employment– MNREGA- Food and nutrition – FSA – Education RTE – Health – Housing.

Module IV: Rights and Access to Justice of the Poor

Right to free Legal Aid-Art. 21 of the Constitution of India-Section 304 of Criminal Procedure Code - Rights of the Indigent Person - Civil Procedure Code - Lok Adalats – Legal Services Authorities Act– Right to Services

Module V: Conflict between Development and Poverty

Land Acquisition and Displacement –right to fair compensation and transparency in land acquisition - Impact of forest legislations on tribal and other rural folk- right to livelihood and access to resources-

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fisheries regulation and the rights of traditional fishermen - environmental issues and the livelihood issues, role of Law.

References:

1. Upendra Baxi ed., Law and Poverty: Critical Essays, (Tripathi, 1988)
2. Amartya Sen, Poverty and Famines: An Essay on Entitlement and Deprivation, (OUP, 1999)
3. Amartya Sen, Idea of Justice, (Allen Lane: 2009) 231-238, 253-260
4. Rehman Sobhan, Challenging the Injustice of Poverty: Agenda for Inclusive Development in South Asia, (Sage, 2011), 1-12
5. Michael Lipton, Land Reforms in Developing Countries: Property Rights and Property Wrongs, (Routledge, 2009), 1-5
6. Armin Rosencranz, The Forest Rights Act 2006: High Aspirations, Low Realization, 50 (4)
7. Upendra Baxi, The Avatars of Indian Judicial Activism: Explorations in the Geographies of (In) Justice in Fifty Years of the Supreme Court: Its Grasp and Reach (Verma, Kusum ed., Oxford, 2000), 156-165

Semester IX – Course - 8

(25-274-0909)

Law Relating to Agriculture

(Credit – 5)

Course Objectives:

This course touches upon nearly every aspect of the law that regulates one of the most important and diverse sectors of our economy, Agriculture. It aims to familiarise the students with the history of agricultural law in India, the constitutional scheme and offers various characterization of agricultural legislations and policies impacting the industry and farmers rights. Further the course looks at India's commitments in terms of international legal frameworks pertaining to food and agriculture.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand how the national law interacts with international legal frameworks on agriculture.	Understand
CO 2	To analyse and locate the policy and legislations relating to agriculture in India.	Analyse
CO 3	To apply the historical context of knowledge to address current issues in agriculture law and policy.	Apply

CO- PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1	-	2	2	-
CO 2	2	1	3	2	1
CO 3	2	-	2	3	1

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course contents:

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Module I: Introduction to Agriculture Law and Policy

Historical context – Agricultural economy at the time of independence and post- independence – Constitutional Scheme – Five year plans and rural development – New Agricultural Policy – Concept of Sustainable Agriculture

Module II: Regulation of Seed Industry and Plant Variety Rights

Domestic laws applicable to crop seed industry – Supervisory authorities and agencies – Review of Seeds Act 1966 and the Seeds Rules 1968–Seeds (Control) Order 1983– Plant Quarantine (Regulation of Import into India) Order 2003 – Farmers rights and Breeders rights – Protection of Plant Varieties and Farmers' Rights Act 2001 (PVR Act)

Module III: Agricultural Product Marketing, Safety and Liability

Regulated market system–Agricultural Produce Market Committee (APMC) Act, 2017– Trade policy and export strategy – Food safety standard setting – Food Safety and Standards Act 2006 and FSSAI – Product Liability

Module IV: Agricultural Financing in India

Rural credits and co-operatives in India – The role of NABARD – Informal credit system – Self-help groups – Restructuring of rural financial institutions – Peasants and Dairy co-operatives.

Module V: International Legal Standards on Agriculture

Overview of WTO and Agriculture – UNIDROIT and Agriculture – Contract Farming – Agricultural land investment contracts – International Plant Protection Convention (IPPC)

References:

1. Christopher P Rodgers, Agricultural Law, Bloomsbury, 2016
2. Alabrese, M., et al, (eds.) Agricultural Law: Current Issues from a Global Perspective, Springer 2017
3. Shweta Mohan, Legal regulation of agricultural procurement and processing in India, Satyam Law International, 2013
4. Sukhbir Bhatnagar, Agricultural Law, Mittal publications, 2007
5. M.A. Chaudhary and Gautam Chaudhary, WTO and Indian Agriculture, Global Vision Publishing House 2019

Semester IX – Course - 9

(25-274-0910)

Private International Law

(Credit – 5)

Course Objectives:

The objective of the course is to kindle academic interest in Private International Law so as to benefit future legal practice and further pursuit of legal studies. The entire gamut of Indian and English Private International Law, the theories and rules which are in consonance with the need of our contemporary society and modern thought will be the principal focus of this course.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the problems of persons living abroad in the field of contracts, companies and insolvency arising out of international trade and cross border investment.	Understand

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CO 2	To analyse the different personal laws in relation to problems that arise when courts are dealing with persons domiciled in India with foreign nexus	Analyse
CO 3	To apply into practice the knowledge that has been gained about legal terms, significant theories, and basic legal rules related to Private International Law as well as the procedures followed in India while handling PIL cases	Apply

CO- PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	2	2	2	1	1
CO 2	1	1	2	1	1
CO 3	1	-	-	3	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course contents:

Module I: Introduction to Private International Law

Nature and scope of private international law – Theories and fundamental concepts - Codification of Private International Law – Distinction between Public International Law and Private International Law - Choice of Law – Renvoi – Concept of Domicile

Module II: Jurisdiction

Jurisdiction involving foreign elements – persons – status and capacity - Jurisdiction over Corporations – Forum shopping – Forum non-convenience – Anti-suit injunctions

Module III: Family and Property Law

Family Law matters - validity and effect of marriage - divorce - legitimacy - adoption – Recognition of Foreign Adoptions - Adoption by foreign Parents - guardianship and maintenance - property - transfer - succession - administration of estates.

Module IV: Contractual Relations and Tortious Liability

Contract – formation – Interpretation - Illegality and discharge – Torts – Double Actionability rule – Insolvency Jurisdiction and effects of foreign insolvency proceedings.

Module V: Foreign Judgment, Decrees and Awards

Foreign judgment – Recognition - Procedure and evidence – Stay of Proceeding – Proof of foreign law – Enforcement of foreign judgments, decrees and Foreign Arbitral Awards

References:

1. R.S. Chavan, Indian Private International Law, Sterling Publishers Pvt. Ltd.,1982.
2. Dicey A V & Morris J H C Conflict of Laws (Sweet & Maxwell2018)
3. North and Fawcett, Cheshire and North's Private International Law, OUP2017
4. Aba Mayss, Principles of Conflict of Laws, 3rd ed. Cavendish Publishing Ltd., U.K., 1999.
5. John O'Brien, Smith's Conflict of Laws, Cavendish Publishing Ltd., U.K.,1999.
6. Atul M. Setalvad, Conflict of Laws, Lexis Nexis, Nagpur,2009

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7. Paras Diwan and Peeyushi Diwan, Private International Law, Deep and Deep Publications, Delhi, 1998.
8. V. C. Govindaraj, The conflict of Laws in India, Oxford University Press, 2019

Semester IX – Course - 10 **(25-274-0911) Women and Criminal Law (Credit – 5)**

Course Objectives:

The Course throws light on the different areas in which women, as a gender face violence and discrimination. It brings into light the special protection given to women by law with special emphasis on Criminal Law. It deals with different forms of crimes perpetrated against women and the response of criminal law to it. The course intends to throw light not only on the women as a victim but as well as an accused/detenuue, hence adopts a multi facet approach.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the national and international legal frameworks that address crimes against women, including but not limited to sexual violence, domestic violence, human trafficking, and reproductive rights.	Understand
CO 2	To analyse the different forms of gender-based violence against women and the sufficiency of the response of criminal law to it	Analyse
CO 3	To apply the acquired skills in litigations involving crimes against women	Apply

CO- PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	2	2	2	2	2
CO 2	2	2	2	-	-
CO 3	1	-	-	3	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, "-" = No correlation.

Course contents:

Module I: Protection of Women against Crime: National and International Perspectives

Special Protection for women- Constitutional Perspective- International Dimensions- Obligations to make Special Provisions-Feminist Movements-Contributions of NGOs at National and International Level.

Module II: Specific offences against Women and Girl Child

Prevention of Female Foeticide –Checks on Pre-Natal Diagnostic Techniques –International and National Perspectives-Women Rights in Relation to Offences of Miscarriage-Cruelty against Women-IPC Provisions

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Module III: Response of Law to crimes against Women

Crimes Against Women-Special Provisions-Offences of Rape-Adultery-Prostitution- Trafficking-Assault- Kidnapping – Abduction- Dowry Death – Sati- Indecent Representation of Women- Obscenity- Cyber Crimes

Module IV: Women in Criminal Trials

Special Provisions in Trial of Offences involving Women-Women as Accused – female criminality - Arrest and Detention- in Camera Proceedings-Role of Court- Shifting of Burden of Proof.

Module V: Women as Victim in Crimes

Compensation for Women Victims of Crime- Special Provisions in relation to Domestic Violence – Right to Maintenance-Special Protection of Women in Prison

References:

1. Mamta Rao, Law Relating to Women and Children, Eastern Book Company(2008)
2. Paras Divan, Women and Legal Protection, South Asia Books(1994)
3. N. Jayapalan, Women and Human Rights, Atlantic, (2001)
4. G.B. Reddy, Women and the Law, Gogia Law Agency (2014)
5. Paras Diwan & Piyush Diwan, Law Relating to Dowry, Death, Bride Burning, Rape and Related Offences. Universal Law Publishing Ltd, (2004)

Semester IX – Special Elective - 1

(25-274-0931)

Artificial Intelligence and Law

(Credit – 5)

Course Objectives:

The course aims to understand application of artificial intelligence and the contemporary ethical and social issues pertaining to the governance of artificial intelligence. The course covers the major legal and ethical challenges arising from the use of Artificial Intelligence. The course aims at equipping the learners to evaluate the current legal and institutional frameworks and to examine its effectiveness and identify the gaps

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the basics of artificial intelligence	Understand
CO 2	To analyse the major social and ethical challenges posed by AI applications	Analyse
CO 3	To apply legal knowledge to practical scenarios, identifying relevant legal issues, and proposing solutions based on applicable laws and precedents	Apply

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CO- PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	2	2	2
CO 2	2	3	3	1	1
CO 3	1	1	-	3	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course contents:

Module I: Introduction

Introduction to Artificial Intelligence; History and development of Artificial Intelligence; Branches of Artificial Intelligence.

Module II: AI Applications and Concerns

AI-based medical devices; Automated Vehicles; AI and justice administration; AI in defense; AI based data security; AI in cyber security; AI in gaming; Robotics; AI in commerce and economics-Theories of technology- Instrumental theory of technology, Substantive theory of technology and Critical theory of technology.

Module III: AI, Ethics and Human Rights

Discrimination and Bias in AI algorithms; Fairness and transparency in AI decision making; Detection and mitigation of AI bias; Respect for human Autonomy; Data privacy and security; AI and surveillance capitalism.

Module IV: AI and IPR

AI and IPR- Copyright protection for AI generated works, Patentability of AI generated inventions.

Module V: AI Governance and Accountability

AI Liability under Common law and Civil law- Determination of AI Liability; Emergence of International AI regulatory regime- International Conferences on AI and Law (ICAILs), JURIX Conferences; Indian Constitution; AI and data protection laws in India; Judicial approaches; Institutional mechanisms; Sectoral guidelines; Future challenges.

References:

1. Artificial Intelligence: The Practical Legal Issues - John Buyers, Law Brief Publications, 2018
2. Marcelo Corrales, Mark Fenwick, Nikolaus Forgó, “Robotics, AI and the Future of Law”, Springer Nature, 2018
3. Marcelo, Fenwick, Mark, Forgó, Nikolaus (Eds.), Springer Publications, 2018
4. Pattern Recognition and Machine Intelligence and Biometrics - P.S.P.Wang, Springer/HEP, 2011.
5. Alessandro Parisi, "Hands-On Artificial Intelligence for Cybersecurity", Packt publishing, 978-1-789-80402-7, 2019.
6. Emmanuel Tsukerman, " Machine Learning for Cybersecurity Cookbook", Packt publishing, 978-1-789-80402-7, 2019.
7. Leslie F. Sikos, " AI in Cybersecurity", Springer publishing, 978-3-319-98842-9, 2019.
8. Andrew Feenberg, “Critical Theory of Technology” OUP, ISBN 0195068548, 9780195068542, 1991.

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9. Bart Custers, Eduard Fosch-Villaronga, "Law and Artificial Intelligence: Regulating AI and Applying AI in Legal Practice", Springer Nature, 2022.
10. Thomas Wischmeyer, Timo Rademacher, "Regulating Artificial Intelligence", Springer Nature 2019.

Semester IX – Special Elective - 2

(25-274-0932)

Digital Forensics and Law

(Credit – 5)

Course Objectives:

This course aims to create trained personnels specialised in Cyber Forensics having expertise in both, technical and legal knowledge. The course endeavours to give an insightful understanding of fundamental nuances of this information technology ecosystem and its legal concerns.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand digital evidence and its significance in forensic investigations.	Understand
CO 2	To analyse and critique real-world digital forensic cases.	Analyse
CO 3	To apply the specialised skills in crime detection as well as cyber crimes	Apply

CO- PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	2	1	1
CO 2	2	2	3	1	1
CO 3	1	1	-	3	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, "-" = No correlation.

Course contents:

Module I Introduction to Digital forensics

Information Security Investigations, Corporate Cyber Forensics, Scientific method in forensic analysis, investigating large scale Data breach cases. Analyzing malicious software. Types of Computer Forensics Technology, Types of Military Computer Forensic Technology, Types of Law Enforcement: Computer Forensic Technology, Types of Business Computer Forensic Technology, Specialized Forensics Techniques, Hidden Data and How to Find It, Spyware and Adware, Encryption Methods

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and Vulnerabilities, Protecting Data from Being Compromised Internet Tracing Methods, Security and Wireless Technologies, Avoiding Pitfalls with Firewalls Biometric Security Systems.

Module II Types of Computer Forensics Systems

Internet Security Systems, Intrusion Detection Systems, Firewall Security Systems, Storage Area Network Security Systems, Network Disaster Recovery Systems, Public Key Infrastructure Systems, Wireless Network Security Systems, Satellite Encryption Security Systems, Instant Messaging (IM) Security Systems, Net Privacy Systems, Identity Management Security Systems, Identity Theft, Biometric Security Systems, Router Forensics. Cyber forensics tools and case studies. Ethical Hacking: Essential Terminology, Windows Hacking, Malware, Scanning, Cracking

Module III Evidence Collection and Data Seizure

Reasons for Collecting Evidence, Collection Options Obstacles, Types of Evidence, The Rules of Evidence, Volatile Evidence, General Procedure, Collection and Archiving, Methods of Collection, Controlling Contamination: The Chain of Custody, Reconstructing the Attack, The digital crime scene, Investigating Cybercrime, Investigating Web attacks, Investigating network Traffic ,Identification of Data: Timekeeping, Forensic Identification and Analysis of Technical Surveillance Devices, Reconstructing Past Events.

Module IV Legal Approach in Cyber Forensics

Basic of law, Understanding cyber space, Defining cyber law, Scope and jurisprudence, Concept of jurisprudence, Overview of Indian legal system, Introduction to IT Act 2000, Amendment in IT Act.

Module V- Application of Cyber Forensics in Cyber Crimes

Cyber Crimes – Types of cybercrimes –against individuals’ institution, and states-various offenses and punishments, digital signature-concepts of public key and private key, certification authorities and their role, creation and authentication of digital signature. E-contracting –salient features of E-contracts, formation of E-contracts and types, E-governance, E-governance models, E-commerce- salient features and advantages.

References:

1. Computer Forensics: Computer Crime Scene Investigation, 2nd Edition, John R. Vacca, Charles River Media, 2005
2. Cyber Forensics - Concepts and Approaches, Ravi Kumar & B Jain, 2006, icfai university press
3. Understanding Cryptography: A Textbook for Students and Practitioners, Christof Paar, Jan Pelzl, 2010, Second Edition, Springer's.
4. Live Hacking: The Ultimate Guide to Hacking Techniques & Countermeasures for Ethical Hackers & IT Security Experts, Ali Jahangiri, First edition, 2009
5. Computer Forensics: Investigating Network Intrusions and Cyber Crime (Ec-Council Press Series: Computer Forensics), 2010
6. "Internet Complete Reference, Harley Hahn, second Edition, 1996, Osborne/McGrawHill
7. Internet and Web design, , Ramesh Bangia Firewall Media, (An imprint of Lakshmi Publications Pvt. Ltd.). Second Edition 2006.
8. Cyber Law Crimes, Barkhs and U. Rama Mohan, Third Edition ,2017, Asia Law House.
9. Cyber Laws Simplified, Viveek Sood, Fourth reprint 2008, McGraw Hill.

Semester IX – Special Elective - 3

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(25-274-0933)

Fundamentals of Cyber Security and the Law

(Credit – 5)

Course Objectives:

This course enables the students to understand, evaluate and take appropriate steps to tackle the threats posed by cyber-attacks. The course intends to create responsible digital citizens, who would effectively contribute to an overall healthy cyber security posture and ecosystem.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the cyber security threat landscape.	Understand
CO 2	To analyse and evaluate existing legal framework and laws on cyber security.	Analyse
CO 3	To apply gained knowledge and skills in providing legal advice in cases of cyber security threats	Apply

CO- PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	2	1	1
CO 2	1	1	3	-	-
CO 3	-	-	-	3	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course contents:

Module I: An Overview of Cyber Attacks

Cyber-attacks-definition- forms-, Phishing, spoofing and spam attacks, Drive by attack, Password attack, SQL injection attack, Cross-site scripting attack, Eavesdropping attack, Birthday attack, Malware attacks, Social Engineering attacks

Module II: Basic Understandings on Cyber Security Threats

Network Security- Hacking Techniques- Password cracking - Insecure Network connections, - Malicious code - Concept of Fire wall Security -. Email security: web authentication, SSL and SET - Database Security - Operating System Security- E – commerce & M – commerce System Security - Advance Computers, Network & Mobile Security Techniques

Module III: Cyber Crimes and Cyber Security

Cyber Crimes- Development-Reasons-classification- Data Theft -Hacking - Spreading Virus & Worms - Phishing -Cyber Stalking / Bullying -Identity Theft & Impersonation - Credit card & Online Banking Frauds -) Obscenity, Pornography & Child Pornography - Cyber Defamation, Defacement, - Illegal online selling & Gambling - Denial of Service Attacks - Cyber terrorism -Software Piracy & illegal downloading.

Module IV: Legal Approach on Cyber Security

Legislative approach in India- IPC- IT Act-DPDP etc- International Organizations and Their Roles (- ICANN - URDP -WTO and TRIPS- Interpol & Europol -Impact of Cyber warfare on Privacy Identity

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- Net Neutrality and EU Electronic communication Regulatory framework -WCAG -) Social Networking sites Vis – a – Vis Human Rights

Module V: Cyber Threats and Legal Process

Cyber Investigation-Compoundable Offences-Powers of Police Officers- Law of Evidence in Cyber Crimes (Electronic Evidence)-Admissibility and relevancy of Electronic Evidence- Cyber security Perspectives – internet Security Issues – Digital Signatures for securing information assets – Firewalls, Ethical Hacking, Cyber Forensic Tools.

References:

1. Cyber Law & Cyber Crimes By Advocate Prashant Mali; Snow White publications, Mumbai
2. Cyber Law in India by Farooq Ahmad; Pioneer Books
3. Information Technology Law and Practice by Vakul Sharma; Universal Law Publishing Co. Pvt. Ltd.
4. The Indian Cyber Law by Suresh T. Vishwanathan; Bharat Law House New Delhi
5. Guide to Cyber and E – Commerce Laws by P.M. Bukshi and R.K. Suri; Bharat Law House, New Delhi
6. Guide to Cyber Laws by Rodney D. Ryder; Wadhwa and Company, Nagpur
7. The Regulation of Cyberspace by Andrew Murray, 2006; Rutledge – Cavendish
8. Dr.S.V.Joga Rao, Law of Cyber-Crimes and Information Technology Law, 2007, Wadha & Co. Nagpur,
9. Ahmed F: Cyber Law in India (2003) Indian Institute of Banking and Finance, Prevention of Cyber Crimes and Fraud management (2017), Macmillan Education.

Semester IX – Special Elective - 4

(25-274-0934)

Information Technology Law

(Credit – 5)

Course Objectives:

The objective of this course is to provide an idea about the cyber laws in India as well as other countries. It enlightens the students about the law relating to e –commerce and various nuances involved in it. The course also provides an idea about various types of cybercrimes and the law relating to it; digital signatures and electronic signatures as well as enforcement issues in cyber space.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand how to do e-commerce and digital payments in more secured way	Understand
CO 2	To analyse the legal aspects of electronic contracts and e-commerce, including the formation, execution, and enforcement of digital agreements	Analyse
CO 3	To apply the acquired skills to guide the victims of cyber-attacks about the remedial measures of such attacks and to pursue a career as cyber law consultant	Apply

CO- PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5

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CO 1	3	3	2	3	3
CO 2	2	2	3	1	1
CO 3	1	1	1	3	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course contents:

Module I: Information Technology and Law

Computers and its Impact in Society Overview of Computer and Web Technology - Need for Cyber Law - Cyber Jurisprudence at International and Indian Level -International Perspectives - UN and International Telecommunication Union (ITU) Initiatives - Council of Europe - Budapest Convention on Cybercrime - Asia-Pacific Economic Cooperation (APEC)- Organization for Economic Co-operation and Development (OECD)- World Bank - Commonwealth of Nations

Module II: Constitutional and Human Rights Issues in Cyberspace

Freedom of Speech and Expression in Cyberspace - Right to Access Cyberspace – Access to Internet - Right to Privacy - Right to Data Protection

Module III: Cyber Crimes and Legal Framework

Cyber Crimes against Individuals, Institution and State - Hacking - Digital Forgery - Cyber Stalking/Harassment - Cyber Pornography - Identity Theft and Fraud - Cyber terrorism - Cyber Defamation -Different offences under IT Act - Relevancy of Admissibility of Computer Evidence - Cyber Forensics.

Module IV: Cyber Torts and IPR issues

Cyber Defamation - Different Types of Civil Wrongs under the IT Act- Interface with Copyright Law - Interface with Patent Law - Trademarks and Domain Names Related issues

Module V: E Commerce and Dispute Resolution

Concept-E-commerce-Salient Features - Online approaches like B2B, B2C and C2C - Online contracts - Click Wrap Contracts – I T Act- Applicability of Indian Contract Act- Concept of Jurisdiction - Indian Context of Jurisdiction and IT Act- International Law and Jurisdictional Issues in Cyberspace- Dispute Resolution.

References:

1. Chris Reed & John Angel, Computer Law, OUP, New York, 1990
2. Justice Yatindra Singh, Cyber Laws, Universal Law Publishing Co, New Delhi, 2016
3. Hannibal Travis, Cyberspace Law: Censorship and Regulation of the Internet, Routledge, 2013
4. Talat Fathima, Cyber Law in India, Wolters Kluwer, 2017
5. Harish Chander, Cyber Laws and It Protection, PHI Learning Publications, 2012
6. Vakul Sharma, Cyber Law and Practice, Universal Publishing Co., 2011
7. Pavan Duggal, Cyber Law 3.0, Lexis Nexis, 2018.
8. Apar Gupta, Commentary of IT Act, Lexis Nexis, 2011

Semester IX – Special Elective - 5

(25-274-0935)

Law, Legal Process and Cyber Space

(Credit – 5)

Course Objectives:

This course aims at making the students learn about the various concepts related to cyberspace and its laws, related legislation and more. It enhances knowledge about the regulatory framework of the cyber space both at the national and international level.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the fundamental challenges in the cyber space	Understand
CO 2	To analyse the sufficiency of regulatory frameworks	Analyse
CO 3	To apply the acquired knowledge and skills in conducting litigations in court of law especially the virtual courts	Apply

CO- PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	3	-	-
CO 2	2	2	3	-	-
CO 3	-	-	-	3	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course contents:

Module I: Legal Process and Digital World

Meaning and Basics of Law- Object and definition of Law- Administration of Justice- Classification of Courts- Civil and Criminal Courts- Digitalisation in Supreme Court of India and High Courts- Rules- Initiatives- virtual courts- E Sewa Kendra- E- filing- E Payments- National Judicial Data Grid- National Service and Tracking Electronic Service-ECMT- EODT- Digital preservation Standard Operational Procedure- E initiatives in High Court.

Module II: Cyber Space and the Law

Introduction to Cyber space, Scope of Cyber laws -e-commerce, online contracts, IPRs and Cyber laws – IPR's-copyright, trademarks, software patenting, e-taxation, e-governance, etc

Module III: Cyber World and IP

Regulatory Framework: International Legal Regime: European Convention on Cyber Crimes, Hague Convention on Jurisdiction and Foreign Judgments: Jurisdiction Agreement -IPR issues: Copyright issues (Linking, Inlining, Framing), Trademark issues (Domain Name Dispute, Cybersquatting, Uniform Dispute Resolution Policy, Meta Tags and Key words), Computer software and IPR issues.

Module IV: Jurisdictional aspects in Cyber Law

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Issues of jurisdiction in cyberspace, Types of jurisdictions, Prerequisites of jurisdiction, the tests involved (Minimum contact theory, Sliding Scale Theory, Effects Test and International targeting), Jurisdiction under IT Act, 2000

Module V: Cyber Law in India

Information Technology Act, 2000 (with upto date amendments): Digital Signature, E-Governance, Certifying Authority, Duties of subscriber, Penalties and Adjudication, offences under the Act

References:

1. Chris Reed, Internet Law-Text and Materials, Universal Law Publishing Co., New Delhi, 2nd Edition, 2005
2. Ian J Lloyd, Information Technology Law, Oxford University Press, 7th Edition, 2014
3. Nandan Kamath, Law Relating to Computers Internet & E Commerce Universal Law Publisher, 5th Edition, (2012)
4. Aparna Viswanathan, Cyber Law Indian and International Perspectives, Lexis Nexis, 2012
5. Karnika Seth, Computers, Internet and New Technology Laws-A comprehensive reference work with special focus on developments in India. Lexis Nexis, Updated Edition 2016
6. Anirudh Rastogi, Cyber Law, Lexis Nexis, 2014
7. Pavan Duggal Cyber Law 3.0, Universal Law Publishing Company Private Limited, 2014 Edition.
8. Talat Fatima, Cybercrimes, Eastern Book Company, Lucknow, Second Edition, 2016.
9. Apar Gupta, Commentary on Information Technology Act, 3rd Edition, Lexis Nexis, 2016.
10. N S Nappinai, Technology Laws Decoded, Lexis Nexis, 2017
11. Vakul Sharma, Information Technology Law and Practice, Universal Law Publishing, 2017
12. Rodney D Ryder & Nikhil Naren, Internet Law-Regulating Cyberspace and emerging Technologies, Bloomsbury ,2020

SEMESTER X
Semester – X – Course - 1

(25-274-1001) Moot Court Exercise and Court Visit (Credit 5)

Course Objectives:

Moot courts are simulation exercises intended to develop advocacy skills in students. Through this course, it is intended to impart practical skills of research, case analysis and strategy, witness handling and presentation of arguments at the trial and appellate stages of a case. The course shall include moot courts, mock trial, court visit, chamber visit and viva voce. The course exposes the students to the system of administration of justice through court visits and chamber visits.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	Articulate and communicate logical and legal arguments	Understand
CO 2	Develop analytical, research, writing and public speaking skills.	Apply
CO 3	Learn the skill of doing client interview, preparing a case and conducting trial in courts and other judicial forums.	Apply

CO- PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	2	3	3	2
CO 2	3	2	3	2	2
CO 3	3	3	3	3	2

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course contents:

Module I: Moot Court Exercise (30 marks)

The course teacher will assign three moot court problems to the students and they have to work on all three problems assigned. Students should prepare written submission and present arguments in a moot court setting. Written submission, judgment and oral arguments shall carry 5 marks each. Each student will prepare a case only on one side. The memorial specification given by course teacher should be

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strictly followed. The oral performance will be evaluated on the basis of communication skills, application of facts, persuasion, use of authorities, and response to questions.

Module II: Mock Trial and Case Analysis (30 marks)

The students are required to do the mock trial and case analysis of two cases, one civil and one criminal. Each student will be required to function as lawyer and witness in the mock trial simulated in the classroom. Case analysis, written submission, examination-in-chief, cross-examination, performance as witnesses and final arguments shall carry 5 marks each.

Module III: Chamber visits (15 marks)

Chamber Visit- Every student shall attend a practicing lawyer's office. The lawyer should have a minimum of 10 years standing at the Bar. A minimum of two hours is to be spent daily with the lawyer observing client dealings, drafting, conducting fact investigations, etc., for at least twenty-four days in the semester. At the end of the chamber visit, a certificate confirming the student's attendance at the lawyer's office will have to be produced.

In the chamber visit they are required to do and record the following:

- a. Draft minimum of two documents in an ongoing case.
- b. Read minimum four case files to learn how files are prepared and maintained.
- c. Learn how to maintain records and accounts.
- d. Do legal research in at least two cases.
- e. Observe client interview and counselling with the permission of the lawyer and client in at least two cases.

Module IV: Court Visit and Record (15 Marks)

Court Visit- During the court visit, the students shall observe the trial of one civil and one criminal case. Students may be required to attend two trials in the course of the last two or three years of LL.B. course. They will maintain a record and enter the various steps observed during their attendance on different days in the court assignment. They should maintain a record and write a report of their observation of the following stages:

- a. Framing of charge or issue
- b. Examination in chief
- c. Cross Examination
- d. Final arguments

Court Visit Record- Students are required to maintain a record of their field visit and work done during court visit. Each student will observe two interviewing sessions of clients at the Lawyer's Office/Legal Aid Office, the preparation of documents and court papers by the Advocate and the procedure for the filing of the suit/petition. This will be documented in a record book, which will carry 15 marks. The record should contain two parts:

1. Information about work done during court visit
2. Two legal documents examined during court visit

The record shall be an integral part of the course and it will be evaluated in terms of reflection about the learning experiences of the student. The record must be written in their own words. If two or more students are found to have copied each other's work, both/all the students who are found to have copied will be given zero marks for the work.

Module V: Viva Voce: (10 Marks)

The last component of this course will be a Viva - voce on all the above three components. The viva-voce shall be conducted by a panel of internal and external expert.

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References:

1. Dr.KailashRai, Moot Court, Pre - Trial Preparation and Trial Proceedings and Viva - Voce, Asia Law House, 2018.
2. NR MadhavaMenon, Clinical Legal Education, EBC, 1998.
3. Dr.KailashRai, Moot Court - Pre-Trial Preparations and Participation in Trial Proceedings, Central Law Publications, 2015.
4. John Korzen, Make Your Argument: Succeeding in Moot Court and Mock Trial, Kaplan Publishing, 2010.
5. David Pope & Dan Hill, Mooting and Advocacy Skills, Sweet and Maxwell, 2011.
6. Abhinandan Malik, Moot Courts & Mooting, Eastern Book Company, 2015.

Semester X – Special Electives -1

(25-274-1002)

Cyber Law and Ethics

(Credit – 5)

Course Objectives:

Through this course, the students will be able to learn about the various concepts related to cyberspace and its laws, related legislation and more. The course gives insights on cutting-edge issues in the field of cyber law.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the ethical dilemmas in cyber space	Understand
CO 2	To analyse the code of conduct and challenges in cyber world	Analyse
CO 3	To apply legal and ethical principles in dispute resolution, drafting code of conduct and resolving ethical dilemmas	Apply

CO- PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	3	1	1
CO 2	2	3	3	1	1
CO 3	1	1	1	3	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course contents:

Module I: Introduction to Cyber Law

Evolution of computer technology-emergence of cyber space- jurisprudence and law-cyber jurisprudence-cyber ethics-cyber jurisdiction-hierarchy of courts-civil and criminal jurisdictions-hierarchy of courts

Module II: Cyber Space

Cyber space-web space-web hosting-web development agreements-legal and technological significance of domain names- internet as a tool for global access.

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Module III: Information Technologies and the Laws

Overview of IT Act- Amendments-Limitations- Digital Signatures-Cryptographic Algorithm, Public Cryptography-Private Cryptography-Electronic Governance- Legal Recognition of Electronic Records- Legal recognition of digital signature-certifying authorities-cybercrime and offences-network service providers, liability, cyber regulations-appellate tribunals-penalties-adjudication.

Module IV: Cyber Laws and other related legislations

Patent Law. Trademarks-Copyright disputes-electronic database and its protection-IT Act and CPC- IT Act and Cr.P.C- Indian Evidence Act – Bankers Book Evidence Act- IPC-RBI-Law Relating to Employees in IT Sectors- Internet and workmen-ADR-Online Dispute Resolutions

Module V: Cyber Ethics

The Importance of Cyber Ethics- Ethical theories- Cyber regulations and Ethics. Ethics in Information society, Introduction to Artificial Intelligence Ethics: Ethical Issues in AI and core Principles, Introduction to Block chain Ethic.

References:

1. Richard Spinello, Cyber ethics: Morality And Law In Cyberspace, (2013), Jones and Bartlett Publishers
2. Mary Manjikian, Cyber security Ethics: An Introduction, Routledge, 2023
3. Cyber Crime Impact in the New Millennium, by R. C Mishra, Author Press. Edition 2010.
4. Cyber Security Understanding Cyber Crimes, Computer Forensics and Legal Perspectives by Sumit Belapure and Nina Godbole, Wiley India Pvt. Ltd. (First Edition, 2011)
5. Security in the Digital Age: Social Media Security Threats and Vulnerabilities by Henry A. Oliver, Create Space Independent Publishing Platform. (Pearson, 13th November, 2001)
6. Electronic Commerce by Elias M. Awad, Prentice Hall of India Pvt Ltd.
7. Cyber Laws: Intellectual Property & E-Commerce Security by Kumar K, Dominant Publishers
8. Network Security Bible, Eric Cole, Ronald Krutz, James W. Conley, 2nd Edition, Wiley India Pvt. Ltd.
9. Fundamentals of Network Security by E. Maiwald, McGraw Hill.

Semester X – Special Electives -2

(25-274-1003)

Cyber security and Cyber Crimes

(Credit – 5)

Course Objectives:

This course aims to introduce the students to various cyber threats and crimes in the cyber world. It disseminates the knowledge regarding the various cyber-crimes and the legal remedies available.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the different cyber-crimes and threats in the digital space	Understand
CO 2	To analyse the effectiveness of the various laws in this area	Analyse
CO 3	To apply the law and legal principles in providing legal and technical advice as well as undertake litigations for those affected by these crimes.	Apply

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CO- PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	2	1	1
CO 2	3	3	3	1	1
CO 3	1	1	-	3	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course contents:

Module I: Introduction

Defining Crime-Classification of Cyber Crimes-Cyber Security-Distinction between Cyber Crimes & conventional crime- Applicable laws- Jurisdictional issues.

Module II: Law relating to Cyber Crimes

Hacking-Obscenity & Pornography-Cyber Stalking-Theft of Identity-Cyber Fraud-Mischief-Cyber Defamation-Cyber Terrorism-Breach of Confidentiality and Privacy-Offences of/by Companies-Liability of Intermediaries including 2011 guidelines.

Module III: Procedural Law relating to Cyber Crimes

Cyber Investigation-Compoundable Offences-Powers of Police Officers-Law of Evidence in Cyber Crimes (Electronic Evidence)-Admissibility and relevancy of Electronic Evidence-Sec 65A, 65 B IT Act-Judicial Trends-Evidence issues including legal aspects of Cyber Forensics

Module IV: Internet and Social Media

Freedom of Expression in Internet-Hate Speech-Sedition-Libel-Subversion-Privacy Issues-Regulating Social Media

Module V: International Law relating to Cyber Crimes

United Nations-Global Working Groups-The International Criminal Court and Cyber Crimes-International Criminal Tribunal for Cyber space-Council of Europe Convention on Cyber Crime-Budapest Convention

References:

1. Internet Complete Reference, Harley Hahn, second Edition, 1996, Osborne/McGrawHill
2. Internet and Web design, , Ramesh Bangia Firewall Media, (An imprint of Lakshmi Publications Pvt. Ltd.). Second Edition 2006.
3. Cyber Law Crimes, Barkhs and U. Rama Mohan, Third Edition ,2017, Asia Law House
4. Cyber Laws Simplified,Viveek Sood, Fourth reprint 2008,McGraw Hill

Semester X – Special Electives -3

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(25-274-1004)

Data Protection Laws

(Credit – 5)

Course Objectives:

This course will develop an understanding of the key concepts of data protection, privacy, data security, etc. The course throws light on various data protection legislations at National level. It also gives insights as to the developments at the international level. This course will also examine the contemporary challenges and concerns relating to data protection

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the basics concept and principles of data Protection	Understand
CO 2	To analyse different legal framework at National and International Level	Analyse
CO 3	To apply knowledge and skills in resolving the contemporary issues relating to data Protection	Apply

CO- PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	2	1	1
CO 2	2	3	3	-	-
CO 3	-	1	1	3	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course contents:

Module I: Introduction to Data Protection

Meaning, nature and concept- Scope and need for Data Protection-Data Protection and Privacy- Data sovereignty- Data Security- Importance, Benefits, Types, Major risks, Solutions- Database- Database system, Application and Purpose- Inter and Trans Disciplinary perspective on Privacy and Data Protection.

Module II: Principles of Data Protection and Applicable Terminology

Data, Data Principal, Data controller, Data Subject, Data processor, Personal data and Digital Personal Data, Sensitive data, Data fiduciary and Significant Data Fiduciary, Health data, Biometric data, Pseudonymisation, Genetic Data. Data Principles- Data minimization, Accuracy, Confidentiality and Integrity (Security), Accountability. Legal Bases for Processing Personal Data- Consent, Performance of a Contract, Requirements-Legitimate Interest, Vital Interest, Legal interest- Public Interest- Criminal offence data and the rules for processing Criminal offence data-Data Protection during Digital Forensic Examination- Data Protection Impact Assessment (DPIA).

Module III: Constitutional and Legislative Approach on Data Protection in India

Historical background of Data Protection Law in India- The Indian Constitution, Information Technology Act 2000, Information Technology (Reasonable Security Practices and Procedures and Sensitive Personal Data or Information) Rules 2011, Indian Penal Code, The Indian Copyright Act 1957, Credit Information Companies Regulation Act 2005- Medicine And Healthcare Regulators- Data protection in other jurisdictions- UK and US.

Module IV: Digital Personal Data and Specific Legislative Protections

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DPDP Act-Application and Jurisdiction- Salient Features of the Act- Obligation of Data Fiduciary- Rights and Duties of Data Principal- Processing of Personal Data outside India and its exceptions- Data Protection Board of India- composition, qualification, disqualification, appointment, resignation- Powers, Functions and Procedure to be followed by the Board- Appeal and Alternative Dispute Resolution- Penalties.

Module V: International landscape on Data Protection and Other Contemporary Issues

Rules on International Data Transfer- Importance of Data sharing/transfer Agreement/ Treaties- Universal Declaration of Human Rights- Convention for the Protection of Individuals with Regard to Automatic Processing of Personal Data 1981- General Data Protection Regulation 2016, International Covenant on Civil and Political Rights 1976. Contemporary issues- Data Protection and Telemarketing, Accidental Sharing, Data protection and Health Care system, Data protection and Ethical Challenges- Automated Decision Making- Biometric Data, Data Protection and AI.

References:

1. González, Gloria, Van Brakel, Rosamunde, De Hert, Paul (Eds), Research Handbook on Privacy and Data Protection Law Values, Norms and Global Politics (Edward Elgar Publication 2022).
2. R. K. Dubey, Ajay Verma, Data Protection and Privacy Implementation India Perspective (Independently Published 2019).
3. Pavan Duggal, Data Protection Law in India 2016
4. Robert Walters, Leon Trakman, Bruno Zeller, Data Protection Law
5. A Comparative Analysis of Asia-Pacific and European Approaches (Springer Natural Singapore 2019)
6. Naavi, Personal Data Protection Act of India (PDA): Be Aware, Be Ready and Be Complaint (Notion Press 2020)
7. Apurv Sardeshmukh, Data Protection - Laws and Regulation (Thomson Reuters South Asia Private Limited 2019)
8. Mahendra Pal Singh (Eds), V N Shukla's Constitution of India (13th ed, Eastern Book Company 2022)
9. Vakul Sharma, Information Technology Law and Practice (8th ed, Lexis Nexis 2023)
10. N. Witzleb, D. Lindsay, M. Paterson, S. Rodrick (Eds.). Emerging Challenges in Privacy Law: Comparative Perspectives. (Cambridge University Press 2014)

Semester X – Special Electives -4

(25-274-1005)

E-Commerce and Law

(Credit – 5)

Course Objectives:

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This course aims to familiarize students with the basic concepts of internet, e-commerce, e-business and cyber security.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the scope of E-Commerce and the intricacies of E Business	Understand
CO 2	To analyse the different components of E-Commerce and the important legal aspects involved in E-Commerce such as E-Contracting	Analyse
CO 3	To apply acquired skill in conducting litigations relating to E-Commerce	Apply

CO- PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	2	1	1
CO 2	2	3	3	1	1
CO 3	1	1	1	3	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course Contents:

Module I: Introduction

Definition of E-Commerce- scope- components-types-Virtual business place Digital Principles- ACI- E-Contracts-Shrink-Wrap Contracts- Digi-Meta Contracts- IT Act-Intermediaries in transmission-privacy of contract-Jurisdictional issues-Electronic data interchange Advertisement- E procurement- E Auction- Fintech Business, Raising Capital for E Business, Venture Funding, FDI

Module II: E Business

E-business: - Definition – Components of e-business - steps in building an e-business application - Online web site design to promote online sales of a product or service - Use Google SITES free resources for designing website.

Module III: Security and Evidence in E-commerce

E-Commerce Security-Need-Risk based approach to security- risk management-risk assessment-cryptography-Key-Encryption Systems- Digital Signature Systems-Encryption and Digital Signature for Data Security E-Commerce Frauds.

Module IV: National Legal Approach on E-Commerce

Indian Law of E-Commerce-UNCITRAL Model Law on E-Commerce-Online E-Contracts-Intermediary Guidelines .- Dispute Resolution on Transaction.- Evidence Related Issues.

Module V: E Banking and the Law

E Banking and Electronic Money-Regulation of Crypto Currencies-Transnational Transactions of E-Cash.- Virtual banking-internet banking Regulations.- GGWG Recommendations-Electronic

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Payments.- Electronic Clearing Service (ECS) Debit-NEFT- RTGS-Pre-paid Payment Systems.-PPI's- Regulations-Mobile Banking Systems-NBFC- E Banking Frauds.

References:

1. Ashoke Ghose, Basics of E-Commerce Legal securities issues (NIIT publishers, 2003)
2. K K Bajaj, E-Commerce: The Cutting Edge of Business, MC GRAW HILL INDIA; 2nd edition (January 1, 2001)
3. R Kalakota, Frontiers of E-Commerce, Addison Wesley, 1995
4. Douglas, The Internet Book, 4th Ed, Pearson, 2006
5. Valerie Quercia, Internet in a Nutshell, S. Chand & Co Ltd, 1997
6. Mac Million, Internet and Web design. R&D Wing
7. Rayport, Jeffrey F, Bernard J, Introduction to E-Commerce, Tata Mc Graw Hill, New Delhi

Semester X – Special Electives -5

(25-274-1006)

E- Governance and Regulations

(Credit – 5)

Course Objectives:

This course intends to introduce the students to the various public services available through the e governance portals. It gives insights on different dimensions of e governance such as e transformation, e inclusion, e leadership etc.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the concept of e governance and citizens right to public services	Understand
CO 2	To analyse the effectiveness of the various services offered by the government through e service portals and challenges faced by public with regard to it	Analyse
CO 3	To apply acquired skill in assisting the public in accessing these services	Apply

CO- PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	2	1	1
CO 2	2	3	3	1	1
CO 3	1	1	1	3	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course contents:

Module I: Governance: Constitutional Dimensions

State- Definition- Branches of Government- Concept of Open Government- Access to Government Services- Public Services- Access- Citizens Charter

Module II: Introduction To E Governance

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Introduction to E-Governance: Concept of e-Governance, Definition of e Governance, Benefits, and Limitation of e- Governance, Types of e Governance Services (G2C, G2B)

Module III: Emerging Trends

Current Trends and Practices of e- Governance: e-Transformation, Whole of Government Perspectives, Citizen-Centric Approach, e-Inclusion, e-Leadership, and Change Management, Need for Process re-engineering, Secured Digital Identification.

Module IV: Managing e- Governance

Managing e- Governance: Approaches to managing e- Governance System, Selection of suitable Approach, Key Performance Indicators for e- Governance Systems, Management of Public Data.

Module V: Technology and standards for e- Governance

Enterprise Architecture, Service Oriented Architecture, Enterprise Service Bus, Security Architecture and Standards, Common Authentication Systems, Data centres, Cloud Computing, Open Standards, Cryptography, and PKI (Public Key Infrastructure)

References:

1. Information Security Governance, Guidance for Information Security Managers by W. Krag Brothy, 1st Edition, Wiley Publication.
2. Security in the Digital Age: Social Media Security Threats and Vulnerabilities by Henry A. Oliver, Create Space Independent Publishing Platform.
3. Data Privacy Principles and Practice by Natraj Venkataramanan and Ashwin Shriram, CRC Press.
4. RP Sinha, E-governance in India: Initiatives and Issues, 2006, Concept Pub
5. Bindisha Chaudhari, E-Governance in India Interlocking politics, technology and culture, Routledge (2017)

Semester X – Special Electives -6

(25-274-1007)

IPR in Cyber Space

(Credit – 5)

Course Objectives:

The rapid growth of ICT has raised various complex questions which need to be addressed. Most prominent among them is the issue with regard to IPR's. The primary focus of this course is to throw light on the merging challenges with regard to IPR 's in the cyber space.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the issues relating to IPR's in the digital world	Understand
CO 2	To analyse the adequacy of the existing legal regime on IP and its approach with regard to challenges in cyber space	Analyse
CO 3	To apply acquired skill in providing advice to the client and undertake litigations in this area of assisting the public in accessing these services	Apply

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CO- PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	2	-	-
CO 2	2	3	3	-	-
CO 3	1	1	1	3	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course contents:

Module I: An overview of IP system

Intellectual Property- Nature-types -legal approach-International and National – Interface of cyber space with IP- emerging issues and challenges

Module II: Copyright and Cyber Space

Understanding the technology of Software-Copyright issue in cyber space-Software - Copyrights vs. Patents Debate-Authorship and Assignment Issues-Commissioned Work and Work for Hire-Idea/Expression dichotomy-Copyright in Internet-Jurisdiction Issues and Copyright-Infringement and Remedies-Multimedia and Copyright issues-Software Piracy

Module III: Patents and Cyber Space

Understanding Patents-International context of Patents-European Position on Computer related Patents-Legal position of U.S. on Computer related Patents-Indian Position on Computer related Patents-SEP and FRAND

Module IV: Trademarks in Cyber Space

Understanding Trademarks-Trademark Law in India-Infringement and Passing Off-Trademarks in Internet- Domain name registration-Domain Name Disputes & WIPO

Module V: Databases

Databases in Information Technology-Protection of Databases-Legal Position of Database protection in U.S.-European Legal position on Databases-Indian Law on Database.

References:

1. Unni, V.K. (2005) Trade Mark and the Emerging Concepts of Cyber Property Rights, Eastern Law House
2. Duggal, Pavan (2014) Legal Framework on Electronic Commerce and Intellectual Property Rights in Cyberspace, Universal Law Publishing - An imprint of Lexis Nexis
3. Falls, Michaela (2011) Understanding Developments in Cyberspace Law: Leading Lawyers on Examining Privacy Issues, Addressing Security Concerns, and Responding to Recent it Trends (Inside the Minds), West Publishing Co
4. Saha, Subhasis (2012) Challenges to Intellectual Property Rights in Cyberspace, LAP Lambert Academic Publishing.
5. Elkin-Koren, Niva and Salzberger, Eli M. (2004) Law, Economics and Cyberspace: The Effects of Cyberspace on the Economic Analysis of Law (New Horizons in Law and Economics series) Edward Elgar Publishing Ltd.

Semester – X – Course - VII

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2025**

(25-274-1050)

Course Viva-Voce

(Credit 2)

The course viva-voce shall be conducted by a panel of three members including one external expert. Students should maintain the record of practical work and internship for Viva – Voce.

Semester – X – Course - VIII

(25-274-1051)

Course Internship

(Credit 2)

Each registered student shall have completed an Internship of minimum of 20 weeks during the entire period of legal studies under NGO, Trial and Appellate Advocates, Judiciary, Legal Regulatory authorities, Legislatures and Parliament, Other Legal Functionaries, Market Institutions, Law Firms, Companies, Local Self Government, software companies and other such bodies as the University shall stipulate. Every student needs to maintain an authorized internship diary for the entire period of study reporting the internship work done. 2 Credits will be given for Internship. Course Internship will be evaluated on a yearly basis by a board consisting of two internal examiners. The student shall submit the internship report and diary after completion of each internship. The student shall comply with the Internship rules issued by the Hon. Director from time to time in compliance with the Rules of Legal Education 2008, Bar Council of India (BCI). The internship shall be evaluated for a total of 100 marks by a board of internal examiners and the marks shall be entered in the Xth semester examination mark sheet.



TWO YEAR LL.M. – REGULATIONS, SCHEME AND SYLLABUS
(Effective from 2025-2026 Admission onwards)
(Credit System)
FACULTY OF LAW

Vision of the Cochin University of Science and Technology

The University aims to become an Institution of Global Standard by continuously improving its quality of academic activities, taking up research and innovation in the frontier areas and by ensuring conducive state-of-the-art infrastructural facilities.

Mission of the Cochin University of Science and Technology

CUSAT will continuously strive to generate a human resource of global competence by imparting most modern knowledge and training to its student community and to take up Research and Development activities in the frontier areas so as to contribute positively to the progress of the society and the Nation. The University shall have the following objectives as its mission:

1. to encourage and promote research and innovation in applied science, technology, industry, commerce, management and social science for the advancement of knowledge and for the betterment of society.
2. to provide facilities and offer opportunities for graduate and post-graduate education in applied science, technology, industry, commerce, management and social science by instruction, training, research, development, innovation and extension and by such other means as the University may deem fit.
3. to devise and implement programmes of education in applied science, technology, industry, commerce, management and social science that are relevant to the changing needs of society, in terms of breadth of diversity and depth of specialization.
4. to serve as a centre for fostering co-operation and exchange of ideas between the academic and research community on the one hand and industry on the other.
5. to organize exchange programmes with other institutions of repute in India and abroad with a view to keeping abreast of the latest innovation and developments in relevant areas of teaching and research.

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Two Year LL.M. Programme Objectives (P. O's)

- P.O.1:** To produce a student community with the skill to teach the students.
- P.O.2:** To give the students a deep insight into the subject, to have conceptual clarity and to look at the unexplored areas of the subject critically and to apply them in the day to day life
- P.O.3:** To inculcate in the students an ardent interest in reading books, articles, judgments and other materials which can be linked to Law, in writing and in research.
- P.O.4:** To produce a student community who can serve as good judges in the court of Law with a sound theoretical basis and philosophical underpinnings of the subject.
- P.O.5:** To make the students keep their subjects updated and to link the contemporary issues with the subjects and to find solutions and to give them an opportunity to interact with the students of other nations as well.

Programme Specific Outcome:

After successful completion of this program the student will be able:

PSO Number	Programme Specific Objective	Bloom's Taxonomy Level
PSO1	To Understand the foundational theories and principles underlying diverse legal subjects, recognizing their historical and contemporary significance.	Understand
PSO2	To Apply effective teaching strategies and learning principles to design and deliver engaging legal instruction and mentorship	Apply
PSO3	To Synthesize diverse information from legal and related disciplines to	Create

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	construct well-reasoned and coherent legal arguments	
PSO4	To Analyze the philosophical underpinnings and theoretical frameworks that inform judicial decision-making and the administration of justice	Analyse
PSO5	To Evaluate the effectiveness of different legal systems and international instruments	Evaluate

Mapping Vision and Mission of the University with the Programme Objectives

	PO 1	PO 2	PO 3	PO 4	PO 5
Vision of the University	✓	✓	✓	✓	✓
Mission 1	✓	✓	✓		✓
Mission 2	✓	✓	✓		✓
Mission 3	✓	✓	✓	✓	✓
Mission 4	✓			✓	✓

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Mission 5					✓

REGULATIONS

The 2-year LL.M. degree offered by the School of Legal Studies is a dual specialization Programme (**hereinafter called as LL.M Degree Programme**)

I . Admission to the Programme: - Students for admission to the LL.M. Degree Programme shall be required to have Passed the Bachelor's Degree Examination in Law with a minimum of 50% or equivalent CGPA Grade. Candidates belonging to Kerala Scheduled Caste (KSC) or Kerala Scheduled Tribes (KST) communities, are eligible for applying, if they have minimum pass marks in the qualifying Degree Examination. SEBC candidates of Kerala State belonging to non-creamy layer category are eligible for 5% relaxation in the minimum required marks for the qualifying Degree Examination.

The reservation rules governing admission to LL.M. Courses made by the Government shall be followed in making admissions.

1. Admission to the programme shall be based on the rank list prepared based on performance of the student at the Common Admission Test (CAT), Group Discussion and Interview.
2. The CAT shall consist of two parts as given below:
 - i. Part I – Proficiency in English, Analytical and other abilities and general knowledge.
 - ii. Part II – Objective type questions covering compulsory papers in Law as prescribed by Bar Council of India and Intellectual Property Rights, in the ratio 4:1.
3. Rank list for admission to the programme shall be prepared on the following basis:

Part I of CAT	:	20% weightage
Part II of CAT	:	50% weightage
Group Discussion	:	15% weightage
Interview	:	15% weightage

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5. Matters concerning admission procedure, payment of fees, etc., will be prescribed by Rules, published in the prospectus for the programme from time to time.

6. The reservation rules governing admission LL.M. programmes made by the Government shall be followed in making admissions.

II. Duration and contents of the course: -

- i. The course for the Master of Laws (LL.M.) Degree of the University is of two academic years consisting of four semesters. Each semester will be of 15 to 18 weeks of teaching followed by End Semester Examination.
- ii. A student shall, in the course of four semesters undergo instruction in **Core Courses consisting of 72 credits from the department and Elective Courses, including one MOOC, consisting of 8credits.**

CORE COURSES

a)	<u>Compulsory Foundation Courses for all the Students</u>			
	(i)	Law and Social Transformation	100 marks	4 credits
	(ii)	Theories of Law and Justice	100 marks	4 credits
	(iii)	Research Methodology and Design of Blueprint of Curriculum	100 marks	4 credits
	(iv)	Quantitative Analysis	100 marks	4 credits
	(v)	Dissertation	300marks	16 Credits
	(vi)	Seminars (One seminar course of 100 marks in every Semester with 1 credit each)	400 marks	4Credits
	(vii)	Clinical Legal Education (One course of 100 marks in every Semester with 1 credit each)	400 marks	4 Credits
b)	Core Papers			
	(i)	Specialization – I (4 papers)	400 Marks	16 Credits
	(ii)	Specialization – II (4 papers)	400 Marks	16 Credits

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		Total for Core Courses for Specialization	800 Marks	32 Credits
c)		Elective Courses (One shall be a MOOC Course)	200 Marks	8 Credits
		Grand Total	2500 Marks	80 Credits

- The Specialization courses offered in each academic year will be notified in the CAT Prospectus of the relevant academic year.

1.ATTENDANCE

A minimum of 75% of attendance in aggregate is compulsory for writing the end semester examination. However, a student is required to secure 81% or more of attendance, for the purpose of obtaining marks for attendance for each course. The breakup of the same is as follows.

Attendance	81% - 84% - 1 mark >84% - 88% - 2 marks >88% - 92% - 3 marks >92% - 96% - 4 marks >96% - 100% - 5 marks

2. EXAMINATION AND EVALUATION

1. The evaluation of students in a course shall have two components:

- i. Evaluation through an end semester examination and
- ii. Continuous evaluation by the course teacher(s).

2. End semester examination –

- i. The University shall conduct an end semester examination for 50 marks for awarding Master's degree in Law (LL.M.).
- ii. The schedule of examination shall be as notified by the university.

3. Continuous Assessment

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The continuous assessment shall be based on an overall assessment of the performance of the student during the semester, such as performance in the test papers and home assignment, participation in the class discussions, seminars and regularity in attendance.

Attendance	5 Marks
Test Papers (Average Marks of Two Test Papers)	15 Marks
Assignment Presentation	10 Marks
Assignment Written Submission	10 Marks
Class Participation	10 Marks
Total	50 marks

4. Clinical Legal Education

- i. There shall be a Clinical Legal Education course carrying 100 marks for each semester by way of continuous assessment. The marks shall be awarded on the performance of the students in Clinical activities formulated by the School from time to time such as Socio-legal survey, Identification of legal problems, Legal advice, spreading legal literacy, Participation in Legal Aid Camps, Grievances redressal, Law reforms canvassing and Legal writing.
- ii. **In the Fourth Semester Clinical Legal education Course shall be evaluated on the basis of teaching practice.** For this exercise the student shall deliver a class for BBA/B Com LLB students of the School on a subject assigned to him/her. The duration of the class shall be **minimum 1 hour followed by question/answer session.** He/ She is expected to answer the questions relating to the subject put to him/her. Marks for the practical shall be awarded on the basis of the class conducted by the student. This exercise shall be evaluated by **the concerned course teacher.**

5. DISSERTATION:-

- i. Dissertation is compulsory for all students and it carries 16 credits.
- ii. Dissertation shall commence from the beginning of the Second semester. The Student shall identify research topic, prepare and present a synopsis accordingly by the end of the Second semester. The supervising teacher shall evaluate the synopsis and its presentation and award marks out of 100 (4 credits).
- iii. At the end of the third semester there shall be a Progress presentation of the Dissertation work. The supervising teacher shall evaluate this presentation and award marks out of 100 (4 credits).
- iv. The Student shall submit the dissertation on the date notified by the Department Council (First Week of April) and attend a VIVA -VOCE after the Fourth Semester Examinations (Within 7 days of Final Examination).

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- v. Dissertations shall be prepared under the guidance of teachers entrusted by the Department Council.
- vi. Generally, a teacher may not be allowed to guide more than five students for dissertation writing. However, the Departmental Council may, if the situation so demands, permit a teacher to guide more than five students but in no case shall he be permitted to guide more than seven students.
- vii. The Final dissertation shall be submitted only with signed recommendation letter of the Supervising Teacher and Plagiarism report.
- viii. The evaluation of the dissertation shall be done by the Supervising Teacher and 100% internal.
- ix. The written work consists of 75 marks and 25 marks for the viva voce examination.
- x. The minimum grade for passing the dissertation shall be 'P'.
- xi. A student who has failed to secure the minimum marks for the dissertation may submit a new or revised dissertation along with next batch of Final semester regular students, within a period of two years from the year of completion of the programme.
- xii. In view of the above the students' performance may be evaluated in the following method:

Marks allotted to dissertations		Marks
		75
Viva Voce		25
Total		100
	<u>Dissertation Evaluation Splitup</u>	Marks
a	Contents of Chapters	20
b	Adequacy of Materials	15
c	Language and style	5
d	Originality in writing	5
e	Conclusions	10
f	Suggestions	10

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g	Footnoting& Bibliography	10
	Total	75

6. Seminar Course

Evaluation for the Seminar Course shall be based on presentation and discussion of recent case laws. The criteria for evaluation is as follows:

1	Presentation	30 Marks
2	Written Submission	15 Marks
3	Attendance	5 Marks
Total : 50 Marks*		

*Total Marks will finally be normalized to 100 marks

III. GRADING

- Grades shall be awarded to the students in each course based on the total marks obtained in continuous assessment and at the end semester examination.
- For getting a pass in the examination the student shall secure a minimum of 40% of the aggregate marks (continuous assessment marks + semester end exam marks) with a separate requirement of minimum 40% for the semester end examination.
- A candidate, who secures less than 40% of marks or the equivalent grade P, in a course, shall be deemed to have failed in that course and may repeat the semester end examination of that course in the next available chance.
- If a student fails in the MOOC course, he/she has to repeat the same online course or do another online course with the approval of parent department as per the MOOC guidelines approved by the University from time to time.
- After the evaluation, grades shall be allotted to the students as per the following 10-point grading system:

% Marks (Range)	Grade point (G)	Letter Grade	Description
95 – 100	10	O	Outstanding

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85 – 94.99	9	A+	Excellent
75 – 84.99	8	A	Very Good
65 – 74.99	7	B+	Good
55 – 64.99	6	B	Above Average
45 – 54.99	5	C+	Average
40 – 44.99	4	P	Pass
Below 40	F	0	Fail
Absent	Ab	0	Absent

- f) **Grade Point Average:** Overall performance at the end of the semester will be indicated by Grade Point Average (GPA) calculated as follows:

$$\text{GPA} = \frac{G_1C_1 + G_2C_2 + G_3C_3 + \dots + G_nC_n}{C_1 + C_2 + C_3 + \dots + C_n}$$

Where ‘G’ refers to the grade point and ‘C’ refers to the credit value of the corresponding course undergone by the student.

The Grade Point Average (GPA) for each semester will be calculated only for those students who have passed all the registered courses of that semester. Similarly, Cumulative Grade Point Average (CGPA) up to any semester will be calculated only for those students who have passed all the courses up to that semester.

- g) **Grade Card:**

The Grade Card issued at the end of the semester to each student by the Controller of Examinations, will contain the following:

- The code, title, number of credits of each course registered in the semester,
- The letter grade obtained,
- The total number of credits earned by the student upto the end of that semester and
- GPA & CGPA.

- h) **Classification**

On successful completion of the programme, CGPA will be calculated as follows:

$$\text{CGPA} = \frac{C_1 \text{ GP}_1 + C_2 \text{ GP}_2 + C_3 \text{ GP}_3 + \dots + C_n \text{ GP}_n}{C_1 + C_2 + C_3 + \dots + C_n}$$

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$$C1 + C2 + C3 + \dots + Cn$$

Where 'GP' refers to the grade point average (GPA) and 'C' refers to the total number of credits obtained by a student in a particular semester.

The classification based on CGPA is as follows:

First Class with Distinction (FCD)	CGPA 7.5 and above
First Class	CGPA 6 to 7.499
Second Class	CGPA 5 to 5.999

i) Conversion of GPA/CGPA to Percentage marks

The following formula shall be used to convert the CGPA obtained by a student to percentage marks.

$$\text{Percentage marks} = \text{CGPA} * 10$$

IV. GRIEVANCE REDRESSAL

- a. The marks of the semester end examination of all the students shall be published in the Notice board. If the students have any grievance with regard to the marks obtained for any course, they can make a written application within 3 days of publication of results.
- b. The teacher concerned shall explain to the student the scheme for awarding the marks and the reasons for the same. If the grievance still persists the student may make a request to the Director for reconsideration within two days of consultation with the teacher concerned.
- c. On receipt of reconsideration request, the Director, within two working days, shall place the matter before the Department Council.
- d. The Department Council shall examine the same and take a final decision within seven days which has to be intimated to the student in writing, which shall be final.

V. SAVE A YEAR EXAMINATION

1. Students who have failed in any core or elective course in the final year may make an application for a Save A Year examination as a special supplementary examination.
2. This special supplementary examination will be conducted after the publication of that semester results.

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3. The student will be awarded the actual grade he/she obtains in the special supplementary examination.
4. Those who fail in the semester end examination/ special supplementary examination of any course may repeat the semester end examination of that course in the next available chances.

VI. AWARD OF LLM DEGREE

- i. No Student is eligible for the Degree of Master of Laws, unless they have undergone the prescribed Core courses of study running to 72 credits in the School of Legal Studies under the University, for not less than two academic years and has passed the examinations with a total of 80 credits, as mentioned in clause II.
- ii. The maximum duration for completing the programme will be four years, from the commencement of the first semester.

VII. REVISION OF REGULATIONS AND CURRICULUM

The University may from time to time revise, amend or change the Regulations, Scheme of examinations and the Syllabus. This Regulation shall come into effect from 2025-26 academic admission onwards.

VIII. SEMESTER WISE SUBJECTS AND CODES

Sl. No.	Subject	Core / Elective	Subject Code	Semester End Marks	Continuous Assessment Marks	Total	Credit	Remarks
SEMESTER I								
1	Theories of Law and Justice	Core	25-405-0101	50	50	100	4	
2	Seminar	Core	25-405-0102		100	100	1	
3	Clinical Legal Education	Core	25-405-0103		100	100	1	
4	Core Specialisation 1	Core		50	50	100	4	

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5	Core Specialisation 2	Core		50	50	100	4	
6	MOOC	Elective		100	0	100	4	
	Total			250	350	600	18	

SEMESTER II

1	Research Methodology and Design of Blueprint of Curriculum	Core	25-405-0201	50	50	100	4	
2	Seminar	Core	25-405-0202		100	100	1	
3	Clinical Legal Education	Core	25-405-0203		100	100	1	
4	Core Specialisation 1	Core		50	50	100	4	
5	Core Specialisation 2	Core		50	50	100	4	
6	Elective 2	Elective		50	50	100	4	
7	Dissertation-Synopsis	Core	25-405-0305		100	100	4	
	Total			200	500	700	22	

SEMESTER III

1	Law and Social Transformation	Core	25-405-0301	50	50	100	4	
2	Seminar	Core	25-405-0302		100	100	1	

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3	Clinical Legal Education	Core	25-405-0303		100	100	1	
4	Core Specialisation 1	Core		50	50	100	4	
5	Core Specialisation 2	Core		50	50	100	4	
6	Quantitative Analysis	Core	25-405-0304	50	50	100	4	
7	Dissertation - Review	Core	25-405-0305		100	100	4	
	Total			200	500	700	22	
SEMESTER IV								
1	Seminar	Core	25-405-0402		100	100	1	
2	Clinical Legal Education	Core	25-405-0403		100	100	1	
3	Core Specialisation 1	Core		50	50	100	4	
4	Core Specialisation 2	Core		50	50	100	4	
5	Dissertation	Core	25-405-0405		75 +25 (Written + Viva)	100	8	
	Total			100	400	500	18	
	Grand Total (course)			700	1300	2000	80	

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IX. COURSE CODES FOR CORE SPECIALIZATION COURSES AND ELECTIVE COURSES:

Sl.No.	*Course	Core / Elective	Course Code
<u>Group A: Administrative Law:</u>			
1	Administrative Process – Nature & Scope	Core	25-405-0109
2	Administrative Process and Judicial Control	Core	25-405-0209
3	Administrative Process and Law Making	Core	25-405-0309
4	Public Authorities – Liabilities and Control	Core	25-405-0409
5	Administrative Regulation of Public Enterprises	Elective	25-405-0231
6	Law Regulating Government Services	Elective	25-405-0232
7	Law Relating to Democratic Decentralisation	Elective	25-405-0131
<u>Group B : Commercial Law</u>			
1	Foundations of Contractual Liability	Core	25-405-0110
2	Corporate Governance	Core	25-405-0210
3	Insurance Law	Core	25-405-0310
4	Banking and Financial Services Law	Core	25-405-0410
5	International Trade Law	Elective	25-405-0233
6	Sale and Supply of Goods	Elective	25-405-0234
7	Remedies under Contract Law	Elective	25-405-0235
8	Law of Carriages	Elective	25-405-0133
9	Law on Capital Markets	Elective	25-405-0134
10	Law on Corporate Insolvency Resolution	Elective	25-405-0135

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<u>Group C: Constitutional Law</u>			
1	Centre-State Legislative Relationship	Core	25-405-0111
2	Fundamental Rights and Constitutional Protection	Core	25-405-0211
3	Parliamentary Form of Government	Core	25-405-0311
4	Emergency and Defence Powers under the Constitution	Core	25-405-0411
5	Judiciary under the Indian Constitution	Elective	25-405-0236
6	Interstate Trade and Commerce and Right to Property	Elective	25-405-0237
7	Constitutional Scheme and Pluralist Society	Elective	25-405-0136
8	Constitutionalism	Elective	25-405-0137
9	Protection of Life and Personal Liberty	Elective	25-405-0138
<u>Group D: Consumer and Competition Law</u>			
1	General Principles of Consumer Law	Core	25-405-0112
2	Quality Control and Professional Services	Core	25-405-0212
3	Consumer Dispute Resolution	Core	25-405-0312
4	Competition Law	Core	25-405-0412
5	International and Comparative Competition Law	Elective	25-405-0139
6	Contemporary Issues in Competition Law	Elective	25-405-0239
<u>Group E: Corporate Governance & Securities Law</u>			
1	Corporate Governance	Core	25-405-0113
2	Law of Corporate Finance	Core	25-405-0213
3	Law of Corporate Restructuring	Core	25-405-0313

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4	Securities Laws	Core	25-405-0413
5	Law on Corporate Insolvency Resolution	Elective	25-405-0240
6	Law on Capital Markets	Elective	25-405-0241
7	Law of Securities Intermediaries	Elective	25-405-0242
8	Law on Mutual Funds and Collective Investment Schemes	Elective	25-405-0140
9	Investor Protection Laws	Elective	25-405-0141
10	Disclosure Regulations under Company Law	Elective	25-405-0142
<u>Group F : Criminal Law</u>			
1	General Principles of Criminal Law	Core	25-405-0114
2	Criminology	Core	25-405-0214
3	Penology	Core	25-405-0314
4	Comparative Criminal Procedure (India, England, U.S., France)	Core	25-405-0414
5	Juvenile Justice	Elective	25-405-0143
6	Socio-economic Offences and the Criminal Justice Process	Elective	25-405-0144
7	Forensic Science and the Law of Evidence	Elective	25-405-0243
8	Criminal Justice Administration and Protection of Human Rights	Elective	25-405-0145
9	Deprivation of Personal Liberty- International Standards	Elective	25-405-0244
10	International Standards on Sentencing Procedure	Elective	25-405-0245
11	International Norms on Treatment of Prisoners	Elective	25-405-0246
<u>Group G: Environmental Law</u>			

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1	Environmental Protection: National and International Perspective	Core	25-405-0115
2	Protection and Management of Land, Water and Air	Core	25-405-0215
3	Conservation of Forests, Wild life and Biological Diversity	Core	25-405-0315
4	Regulation of Transboundary Pollution	Core	25-405-0415
5	Legal Control of Industrial Pollution	Elective	25-405-0147
6	Environment and Development	Elective	25-405-0247
7	Coastal Zone Management	Elective	25-405-0148
8	Legal Control of Marine Pollution	Elective	25-405-0248
9	Climate Change Law and Governance	Elective	25-405-0149
<u>Group H: Human Rights and Duties Education</u>			
1	International Human Rights Law	Core	25-405-0116
2	Human Rights and the Indian Legal System	Core	25-405-0216
3	Science, Technology and Human Rights	Core	25-405-0316
4	International Refugee and Humanitarian Law	Core	25-405-0416
5	Natural Rights and Duties: Origin and Development	Elective	25-405-0150
6	Human Rights and the Weaker Sections	Elective	25-405-0250
7	Experiments Involving Humans – Human Rights Issues	Elective	25-405-0251
8	International Crimes and Criminal Tribunals	Elective	25-405-0252
9	Affirmative Action by the State and its Impact on Human Rights	Elective	25-405-0151
10	Genetic Engineering and Human Rights	Elective	25-405-0253

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11	Environment and Human Rights	Elective	25-405-0152
12	Law Enforcement Agencies and Human Rights	Elective	25-405-0254
13	Rights of the Accused under the Domestic and International Laws	Elective	25-405-0153
14	Farmers' Rights and Globalization	Elective	25-405-0154
15	Human Right to Education- The Changing Trends in India	Elective	25-405-0155

Group I: Intellectual Property Laws

1	General Principles of Intellectual Property	Core	25-405-0117
2	Nature and Content of Intellectual Property	Core	25-405-0217
3	Acquisition of Intellectual Property	Core	25-405-0317
4	Enforcement of Intellectual Property Rights	Core	25-405-0417
5	General Principles of International Intellectual Property System	Elective	25-405-0156
6	Copyright and Entertainment Industry	Elective	25-405-0157
7	Protection of Broadcasting Organisations	Elective	25-405-0158
8	IPR and Computer Programmes	Elective	25-405-0256
9	IPR and Biotechnology	Elective	25-405-0257
10	Intellectual Property and Right to Health	Elective	25-405-0258
11	Collective Property as Intellectual Property	Elective	25-405-0159
12	Intellectual Property and Human Rights	Elective	25-405-0259
13	Intellectual Property Rights and Competition Law	Elective	25-405-0260

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<u>Group J: International Dispute Resolution and Arbitration</u>			
1	Introduction to International Adjudication	Core	25-405-0118
2	Dispute Settlement under the World Trading System	Core	25-405-0218
3	Arbitration of International Commercial Disputes	Core	25-405-0318
4	Investor-State Dispute Settlement	Core	25-405-0418
5	International Law and the Global Economy	Elective	25-405-0161
6	Law of the World Trade Organisation	Elective	25-405-0162
7	International Investment Law	Elective	25-405-0261

<u>Group K: International Trade & Investment Law</u>			
1	Law of the World Trade Organisation	Core	25-405-0119
2	International Investment Law	Core	25-405-0219
3	International Commercial Transactions	Core	25-405-0319
4	State Control of International Trade	Core	25-405-0419
5	International Trade and Environment	Elective	25-405-0263
6	International Trade in Agriculture and Food	Elective	25-405-0163
7	Understanding TRIPS Mandates and Flexibilities	Elective	25-405-0164
8	International Commercial Arbitration	Elective	25-405-0264
<u>Group L: Labour Law</u>			
1	Trade Unionism, Collective Bargaining and Industrial Democracy	Core	25-405-0120
2	Industrial Disputes and Resolution	Core	25-405-0220

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3	Law relating to Wages and other Monetary Benefits	Core	25-405-0320
4	Law relating to Social Security	Core	25-405-0420
5	International Labour Organization	Elective	25-405-0165
6	Law relating to Public Servants	Elective	25-405-0265
7	Law relating to Informal Sector	Elective	25-405-0266
<u>Group M: Maritime and International Trade Law</u>			
1	Admiralty Jurisdiction: Law and Practice	Core	25-405-0121
2	Ownership and Management of Ships	Core	25-405-0221
3	Law of Carriage of Goods by Sea and International Trade	Core	25-405-0321
4	International Maritime Commercial Arbitration and Conciliation	Core	25-405-0421
5	Maritime Safety and Security Law	Elective	25-405-0267
6	Marine Insurance	Elective	25-405-0268
7	International Law of the Sea	Elective	25-405-0167
8	Law relating to General Average and Ancillary Shipping Contracts	Elective	25-405-0269
9	Maritime Environmental Law	Elective	25-405-0168

Two-year LL.M Syllabus

Course Contents and Syllabi in OBL format with Course Articulation Matrix

The references given are inclusive. The stakeholders are expected to refer the latest decisions, legislations, international documents, books, articles case laws and other materials. In the case of books, the latest edition is expected to be referred.

Foundation Courses (4 papers)

PAPER I: Theories of Law and Justice

Course Objectives

The course intends to incorporate the fundamental ideas of legal theory into the curriculum of LL.M students of any specialization. It tries to empower the critical method of approaching laws and judgments in students. The course will help to learn law from the perspective of society and individual simultaneously. Various branches of legal theory and their ideas on evolution and purpose of law can be explained to the students through this course. The course also explains various concepts of law and the changes and challenges confronted by such legal concepts in various political systems.

Course Outcomes (COs)		Bloom's Taxonomy Level	
After completing the course, the students will be able to			
CO 1	Assess legal theories and concept of justice	Evaluation	
CO 2	Build the skill for balancing the conflicting social and individual rights	Creation	
CO 3	Articulate the content of judicial decisions.	Application	
CO 4	Build better skill in interpreting laws in the context of social and individual rights.	Creation	
CO 5	Build skill for drafting and articulating legal documents.	Creation	

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5	Blooms Taxonomy

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CO1	3	3	3	3	3	Evaluation
CO2	3	3	3	3	3	Creation
CO3	3	3	3	3	3	Creation
CO4	3	3	2	3	2	Application
CO5	3	2	3	3	3	Creation

1-Slightly 2-Moderately 3-Substantially

Course Content

- Module I-** Scope of Jurisprudence- concept of law- the relation of justice to law and ethics- Legal Theories - natural law theories - historical development in ancient, medieval and renaissance period - positivism and analytical theories of law- analytical positivism-Austin's theory of law - pure science of law - Kelson's theory- positivism- Hart on analytical positivism – influence on Indian legal system.
- Module II-** Natural law and its revival- law and morals – Mill's view on morality - Hart on natural law- Fuller and morality of law- Finnis and restatement of natural law- - Hart & Devlin debate- Hart & Dworkin debate
- Module III-** Sociological jurisprudence- Roscoe Pound's theory of social engineering - theory of interest- Laswell and Mcdaugal, Parsons, Selznick – Jhering, Max Weber, Durkheim, Ehrlich - Unger and the development of modern law – Historical and Anthropological theories-the German Historical School - Savigny and Volkgeist- the English Historical School - Sir Henry Maine- Legal Realism- Idealism- Kant & Hegel - Feminist and Marxist jurisprudence
- Module IV-** Concept of rights - classification and categorisation of rights - constitutional rights -unenumerated rights - correlation of rights with duties - Hohfeld's analysis - human rights - justice and theories - Rawlsian theory of justice- Amartya Sen and the concept of justice- Robert Nozik and the minimal state concept- distributive justice
- Module V-** Concept of individual and social justice in the Indian context - constitution and social justice - preamble fundamental rights and directive principles of the constitution- law and poverty - access to justice - legal aid to the poor and indigent, objectives and programmes - legal literacy and law reform -judicial activism and public interest litigation.

Suggested Readings:

1. Friedman W., Legal Theory. (Fifth Edition), Universal Law Publishing Co-Pvt. Ltd.
2. Wayne Morrison, Jurisprudence from the Greek to Post-Modernism 1997.

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3. Holand Sir R.W.M., The Elements of Jurisprudence 2001, Universal law Publishing Co Pvt. Ltd.
4. Freeman M.D.A. Lloyd's, Introduction to Sweet and Maxwell Jurisprudence , 7th Edition
5. Dias Jurisprudence (Fifth Edition), Aditya Books, Butterworths.
6. P.J. Fitzgerald, Salmond on Jurisprudence (12th Edition) Universal Law Publishers
7. Bodenheimer, Edgar, Jurisprudence: The Philosophy and Method of the Law, (Revised Edition) 1996 Universal Book Traders, New Delhi.
8. J. W. Harris, Legal Philosophies, Oxford University Press (1980).
9. Suri Ratnapala, Jurisprudence, Cambridge University Press (2016)
10. P. J. Fitzgerald, Salmond on Jurisprudence, Universal Law Publishing Co., New Delhi, (2014)
11. Roscoe Pound, Introduction to Philosophy of Law
12. Roscoe Pound, Jurisprudence
13. W. Friedmann, Law in a Changing Society
14. Cappelletti and Garth (Ed.), Access to Justice
15. B. Sivaramayya, Inequalities and the Law
16. Upendra Baxi, The crisis of Indian Legal System
17. Upendra Baxi, Law and Poverty
18. Lon.L.Fuller, The Morality of Law
19. H.L.A.Hart, The Concept of Law
20. John Rawls, A Theory of Justice, Oxford.
21. Raymond Wacks, Understanding Jurisprudence: An Introduction to Legal Theory, Oxford.

Paper II Research Methodology and Design of Blueprint of Curriculum

Course Objectives

The course will provide students with an understanding of research methodology adopted in conducting research, with emphasis to different research models and its contemporary relevance in pursuing research in law. The course will introduce students to key abstract concepts involved in research and study its relationship to problem statement, identify research objectives and adopt a research design. The course will acquaint students with the scientific method of Socio legal research identifying a research question and organising their research strategy. The course will advance the legal writing skills of students to write concisely and precisely and carry out research in law. The Course also provide insights on blue print for legal curriculum design rising in solidarity with radical changes occurring in modern legal practice.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level	
After completing the course, the students will be able to			
CO 1	To assess the aim, scope and significance of	Evaluation	

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	research.	
CO 2	To write effective doctrinal as well as non-doctrinal legal research using fundamental tools of research.	Creation
CO 3	To articulate and formulate a research problem and design their research work.	Application
CO 4	To write research papers, articles, notes, case comments etc. using standard forms of legal citations.	Creation
CO 5	To build insights of emerging trends relevant for design for legal curriculum.	Creation

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	3
CO2	3	3	2	3	3
CO3	3	3	3	2	3
CO4	2	3	2	3	2
CO5	3	2	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Content

Module-1 Dimensions of Research and research design

Research as a social Science and scientific research – Qualities of scientific research, meaning of research – Nature and utility of research -Pure and applied research - Value of research – Problems of objectivity in research – the research process – Multidisciplinary approach to research-Formulation of problem in research - Hypothesis, their nature and role – Concepts and their role in investigation - Research design.

Module II- Doctrinal Research

Doctrinal research - Data collection – Doctrinal sources – Primary and secondary sources — Case study method – Observation and interview - Case books – writings – International documents – Judgments of international bodies and superior courts of different countries—Legislation – Statutory instruments and Judicial decisions.

Module -III Non- Doctrinal Research

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Non-doctrinal research - empirical research – census method of data collection – Sampling methods and techniques – random sampling – systematic sampling – stratified sampling – optimum sampling – Different methods for collection of data – interview, preparation of questionnaires

Module –IV- Legal Writing

Research Report & Proposals– Style of presentation –Legal Writing – articles, book reviews and case comments - Citation Models – use of definitions, maxims, concepts, principles and doctrines.

Module –V Design of Blue Print for Curriculum

Design of Law Curriculum – Efforts to review Legal Education -Global & India -Traditional Content based Curriculum -Current Challenges- Globalisation, Pandemic & Shift from Adversarial to Dispute Resolution Model -Transition to Capability framework- Integrated Models with Transferable generic and legally specific skills for Legal Profession- Demand for Competitiveness in Information & Communication Technology – New Evaluation & Assessment Models– Role of Online teaching.

Suggested Readings

1. Pauline V. Young, Scientific Social Survey and Research, Prentice Hall, (1966)
2. William J. Grade and Paul K. Hatt, Methods in Social Research, Mc Graw-Hill Book Company, London (1952)
3. H.M.Hyman, Interviewing in Social Research, University of Chicago, (1965)
4. Payne, The Art of Asking Questions, Princeton University Press (1980)
5. Erwin C. Surrency, B.Felf and J. Crea, A Guide to Legal Research, Oceanea Publications, (1966)
6. Morris L. Cohan, Legal Research in Nutshell, West Publishing Co., (1996)
7. The Blue Book: A Uniform System of Citations, Havard Law Review Association, (2000)
8. Legal Research and Methodology, ILI Publication, (2001)
9. Manheim, Sociological Research: Philosophy and Methods, Doresy Press, (1997) Chs.6-17
10. Morris L. Cohen, How to Find the Law, University of Michigan, (1989) Chs. 1,13,17 &18
11. Peter Goodrich, Reading the Law, B. Blackwell, (1986) Ch.2
12. Philip Whitehead, & Anne Matthewman, Legal Writing and Research Manual, Lexis Nexis, Butterworths, Latest edition.
13. Victor Tunkel, Legal Research, Blackstone Press, Latest edition.
14. S. K. Verma and Afzal Wani, Legal Research Methodology, ILI, New Delhi, Latest edition.
15. Peter W. Martin, Introduction to Basic Legal Citation, (online ed. 2010) available at <http://www.law.cornell.edu/citation/>
16. Harvard Law School, The Blue Book: A Uniform System of Citation.
17. Journal of Indian Law Institute (Vol.24:4, 1982)
18. Sally Kift, A Tale of Two Sectors: Dynamic Curriculum Change for a Dynamically Changing Profession, 13 th Common wealth Law Conference (2003)

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19. UGC, Evaluation Reforms in Higher Education Institutions (2019)

PAPER III

Law and Social Transformation

Course Objective

The primary aim of the course is to develop coherent understanding of role of law as an instrument of social transformation. It helps students to assimilate the constitutional amendments that reformed the social and economic institutions in our country. It will enable student to develop wider legal thinking on issues related to law and social justice.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level	
After completing the course, the students will be able to			
CO 1	Assess the relation between Law and social transformation	Analysis	
CO 2	Implementation of law relating to women can be found out	Application	
CO 3	Detect the decisive factors behind law making	Analysis	
CO 4	Appriase the laws relating to women and empowerment	Evaluation	
CO 5	Correlate the laws relating to children and their implementation	Application	

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	2	3	3
CO2	2	3	3	3	3

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CO3	3	2	3	3	3
CO4	3	3	2	3	2
CO5	3	2	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Content:

Module I: Introduction

Law and Social Change-Law as an instrument of social change-Law as a product of traditions and culture-Introduction of common law system and institutions in India and the impact of received law on the Indian Social and Legal Order-Limits of Law in bringing out social change.

Module II: Constitutional Amendments and Constitutional Interpretation

Constitutional Amendments and social transformation- Constitutionalism- Modernisation of social institutions through law- Agrarian reforms, industrial reforms, family law reforms, prison reforms, economic reforms, labour law reforms.

Module III: Religion, Community and the Law

Divisive factors and legal approach- Religion, language, caste, regionalism- Indian Secularism- Constitutional Provisions and Judicial Responses- Constitutional Protections to Religious and Linguistic minorities-Affirmative Action.

Module IV: Law as an instrument of upliftment of women

Gender Injustice and its various forms- Empowerment of Women- Constitutional and Statutory Provisions-Protection against exploitation-Crime against women-Trafficking-Female Feticide- Women's Commission- Feminism and Legal Reform.

Module V: Law as an instrument to protect children

Child Labour-reasons- effectiveness of Law in helping children-measures to protect children from vagrancy- Adoption and maintenance- Empowerment and development of children through education—Protection of children from exploitation-Sexual Exploitation of Children-Constitutional provisions , legislations, and judiciary –Juvenile in conflict with Law- concerns of Internationalhuman rights law-Indian situation- legislations and judicial decisions.

Suggested Readings

1. Oliver Mendelsjohn, Law and Social Transformation in India, Oxford University Press, 2014.
2. Sharyn Anleu, Law and Social Change, Sage Publishing, 2010.
3. Marc Galanter (ed). *Law and Society in Modern India*, Oxford, 1997.

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4. Baxi, Upendra, *The Crisis of Indian Legal System*, Vikas Publication, 1982.
5. Baxi, Upendra (ed). *Law and Poverty: Critical Essays*, Tripathi, Bombay, 1988.
6. Duncan Derret. *The State, Religion and Law in India*, Oxford, 1999.
7. M.P.Singh, *Constitution of India* (2008). 11th Ed. Eastern Book Co., Lucknow.
8. Sunil Deshta and Kiran Deshta, *Law and Menace of Child Labour*, Anmol Publications, New Delhi, 2000.
9. Savitri Gunasekhare. *Children, Law and Justice*, Sage Publications, 1997.
10. Indian Law Institute, *Law and Social Change: Indo-American Reflections*, Tripathi, 1988.
11. M. P.Jain. *Outlines of Indian Legal History*, Tripathi, Bombay, 1993.
12. Agnes Flavia, *Law and Gender Inequality: The Politics of Women's Rights in India*, Oxford, 1999.
13. Ved Kumari, *Offences Against Women in Kamala Sankaran and Ujjwal Kumar Singh* (ed) Towards Legal Literacy An Introduction to Law in India PP.78-94 (2008) Oxford, New Delhi.
14. Virendra Kumar: *Dynamics of Reservation Policy: Towards a More Inclusive Social Order* 50, Journal of the Indian Law Institute PP 478-517 (2007).
15. Virendra Kumar, 'Minorities' Right to Run Educational Institutions: T.M.A Pai Foundation in Perspective 45, Journal of the Indian Law Institute PP 200-238 (2003)

Paper IV Quantitative Analysis

Course Objective

This course aims to introduce data analysis and statistical computing basics, both progressively used in empirical legal research. The goal is to provide students with practical tools for empirical investigations through quantitative analysis, data visualisation, and interpretations.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level	
After completing the course, the students will be able to			
CO 1	To appraise statistics better	Analysis	
CO 2	To assess the appropriate the statistical analyses for specifi research questions	Evaluation	
CO 3	To deduct fundamental statistical analyses	Analysis	
CO 4	To build conclusions based upon the results of the statistical analyses.	Creation	

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COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	2	3	2

1-Slightly 2-Moderately 3-Substantially

Module I: Introduction

Statistics in law and social science, descriptive, predictive, and causal inference, samples and populations concepts of statistical population and sample. Data: quantitative and qualitative, attributes, variables, scales of measurement - nominal, ordinal, interval and ratio.

Module II:

Descriptive Statistics, Frequency distribution, Cross-tabulations, Chi-square test, Data visualisation, pie chart, bar chart, histogram, frequency curve, frequency polygon, boxplot, plotting bivariate data, p-p plot, q-q plot, stem and leaf plot-application in empirical legal research.

Module III: Measures of Central Tendency:

Mean, Median, Mode, Harmonic Mean, Geometric Mean, Weighted Average. Measures of Dispersion: range, quartile deviation, mean deviation, standard deviation, coefficient of variation, skewness and kurtosis- application in empirical legal research.

Module IV: Data analysis:

Univariate analysis, Bivariate Analysis, Correlation, Scatter Diagram, Simple, Partial and Multiple Correlation (3 variables only), Spearman Rank correlation, Simple linear regression- application in empirical legal research.

Module V:

Probability, Conditional Probability, events, simple and compound events, Baye's Theorem, Random variables: Basic definitions, discrete and continuous random variables, Probability distributions: Normal, Poisson and Binomial distributions- application in empirical legal research.

Suggested Readings

1. David Freedman, Robert Pisani, and Roger Purves. 2007. Statistics. 4th Edition. New York: W.W. Norton & Company.

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2. Goon A.M., Gupta M.K. and Dasgupta B. (2002): Fundamentals of Statistics, Vol. I & II, 8th Edn. The World Press, Kolkata.
3. Miller, Irwin and Miller, Marylees (2006): John E. Freund's Mathematical Statistics with Applications, (7th Edn.), Pearson Education, Asia
4. Mood, A.M. Graybill, F.A. And Boes, D.C. (2007): Introduction to the Theory of Statistics, 3rd Edn. (Reprint), Tata McGraw-Hill Pub. Co. Ltd.
5. Albright, S.C. & Winston, W.L. Business Analytics: Data Analysis and Decision Making (6thed.). Cengage Publications, 2017
6. Roger E. Kirk Statistics: An Introduction, Fifth Edition, (5th ed.). Thomson-Wadsworth Publication, 2008
7. Jack Levin, James Alan Fox, Elementary Statistics in Social Research, (12th ed.). Pearson Education, 2013
8. Ghosh B.N, Scientific method and Social research, Sterling, New Delhi (2011)
9. Levin and Fox, Elementary Statistics in Social Research, 9th Edition, Allyn, Bacon, & Longman, 2002
10. Kranzler, Statistics for the Terrified, 3rd Edition, Prentice-Hall, 2002
11. Ford, Workbook for Levin and Fox Elementary Statistics in Social Research, 9th Edition, Allyn, Bacon, & Longman

SPECIALISATIONS

GROUP A: ADMINISTRATIVE LAW

The LL.M Program on Administrative Law gives a deeper understanding on the different principles and practices followed by the governmental machinery and as a branch of law enables to know the decision making process adopted by various administrative authorities under various circumstances. With the onslaught of globalization, the relationship between the state and the individual has become complex, hence the basic awareness of the remedies available against the state is critical to enforce it against the state. This program will equip the student to be aware of the substantive and procedural remedies which an individual has against the state, hence the relevance of the program.

Core Courses

Paper I. Administrative Process – Nature & Scope

4 Credits

Course Objectives

This course intends to familiarize the student with the underlying significance of the governmental machinery and the different ways in which it affects individual life and their rights. It seeks to throw light on the basic values and legal principles which operate as a

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limitation on administrative powers and process which checks arbitrariness and tyranny. The course also enlightens the students on the transformation of the governmental functions with the onslaught of time.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level	
After completing the course, the students will be able to			
CO 1	To clearly assess the nature of administrative process and the guiding principles with regard to it	Evaluation	
CO 2	To criticize the various regulatory standards and critically evaluate the same with regard to impact on individual rights	Evaluation	
CO 3	To solve problems relating to administrative law	Creation	

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Contents

Module I- Theoretical Constructs on Statehood

The concept of state- conceptual basis-functions-role- development- welfare state- characteristics- nature – globalization-impact- administrative process as a realm of public law-theories

Module II- Foundational Principles of Administrative Process

Limited governance- Constitutional foundations of powers –Legislative Supremacy -Rule of Law – changes in its content – thick and thin -rule of law and emergency- Constitutionalism- Separation of powers-application- checks and balances- limitations- delegated legislation

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Module III- Administration and Regulatory powers

Administrative regulations – Constitutional basis – police powers, eminent domain and taxation.- statutory basis- price fixation- permits-licenses- impact of globalization

Module IV- Administrative Discretion

Powers, duty and discretion – administrative discretion in a welfare state – conferment stage- execution stage-structuring, limiting and confining fundamental rights - discretion- judicial development

Module V-Administrative hearings

Concept of fairness- natural justice- extent-exceptions- reasonableness- legitimate expectations-proportionality-promissory estoppel

Suggested Readings : (Refer latest edition)

1. Friedmann - The State and the Role of Law in a Mixed Economy (1971)
2. Neville L. Brown and J. F. Garner - French Administrative Law (1973), Chs.5& 6
3. Dicey - Law of the Constitution, Chs. 4, 12 & 13 Appendices I & II
4. Schwartz& Wade - Legal Control of Government, Chs. 5, 6 & 7
5. Davis - Discretionary Justice
6. Jain & Jain - Principles of Administrative Law Ch: 1, 2, 3 and 9.
7. de Smith - Judicial review of Administrative Action Ch 2
8. Jennings - The Law and the Constitution, Chs. 1, 2, 6 and Appendices I & II.
9. Markose A.T. - Judicial control of Administrative action in India - chapter on Historical Introduction.
10. H. W. Wade - Administrative Law

Paper II. Administrative Process and Judicial Control

4 Credits

Course Objectives:

This course intends to create awareness on the effects of the tremendous increase in the functions and powers of the administrative machinery of the state. It throws light on the enormous role played by the judiciary in controlling and regulating the administrative authorities. It also familiarizes with the basic remedies available against the administration when there is an incursion on their rights.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level
After completing the course, the students will be able to		
CO 1	To gain a conceptual clarity over the wide powers which administrative state wields	Evaluation
CO 2	To judge the role of judiciary in controlling	Creation

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	the administrative functions of the state	
CO 3	To device client advice in litigations involving the state and the individual	Creation

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3

1-Slightly 2-Moderately 3-Substantially

Module I- Judicial Review: Nature and Scope

Constitutional Review-methods-forms of review- legislative-political-judicial-
Judicial Review- nature –scope- limitations –Review of legislations –
administrative actions- nature –scope-limitations-principles of judicial review
in England, U.S.A., France and India

Module II- Public and Private Law Remedies

State- writs-maintainability –amenability-types-public law remedies- Articles
32, 226, 227 and 136 of the Constitution of India- emerging forms of
remedies-exemplary damages-continuing mandamus-Common Law remedies

Module III-Essentials in Judicial Review

Scope of review– jurisdiction – law – fact distinction – grounds of review-
error apparent on the face of record-privative clause-exclusion of review

Module IV- Limitations on Judicial review

Limitation of review – locus standi, laches, resjudicata, exhaustion of
alternative remedies – conditions precedent in French Law.

Module V- Judicial Control of administrative discretion

Administrative discretion- reason- development-controls-review of discretion
– conferment-exercise- fundamental rights-judicial development-review of
discretion in French Law.

Suggested Readings: (*Refer latest editions*)

1. De Smith - Judicial review of Administrative Action (1973) excluding Chs 1 & 2
2. Fazal - Judicial Control of Administrative Action in India and Pakistan (1969)
3. Jain and Jain - Principles of Administrative Law Chs 7, 8, 13, 14 & 15.
4. Schwartz and Wade - Legal Control of Government Chs. 9-12

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5. Davis - Administrative Law - Text Chs. 4, 11, 12 & 18-20
6. Brown and Garner - French Administrative Law - (1973) Chs. 7 & 9
7. Jaffe - Judicial Control of Administrative Action
8. Markose - Judicial Control of Administrative Action in India
9. Ivor Jennings - Law and the Constitution.
10. K. C. Davis - Discretionary Justice.
11. Dicey - Introduction to Law of the Constitution.
12. Hood Philips - Constitutional Law and Administrative Law
13. Peter H. Schuck - Foundations of Administrative Law.
14. P. P. Craig - Administrative Law

Paper III-Administrative Process and Law Making

4 Credits

Course objectives

The course is intended to give deeper understandings on the process of law making in the country with a comparative perspective. Modern day administration cannot be carried out without the involvement of the administration in the law making process. However, in this process at times the administrative authorities may trespass into areas of individual freedom and liberty. Hence this paper throws light on the legal standards expected to be complied by administrative authorities in subordinate law making

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level	
After completing the course, the students will be able to			
CO 1	To build capacities to law making	Creation	
CO 2	To articulate legislative advise to administrators and policy makers	Application	
CO 3	To structure research in major areas of public policy making	Application	

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5

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CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Contents

Module I-Administrative Functions: Basic Understandings

Administrative Functions- classification, nature and extent-legal frame work-comparison with other jurisdictions

Module II-Administrative Law making: Procedural Controls

Delegated Legislation- Need, types and extent- procedural limits-legal frame work-comparison with other jurisdictions

Module III-Parliamentary Controls

Parliamentary Oversight-laying-parliamentary committees- legal frame work-comparison with other jurisdictions

Module IV-Judicial Controls

Judicial Control on delegated legislation-extent and limitations-contribution of the judiciary

Module V-Role of Regulatory Agencies wielding administrative powers

Independent regulatory agencies- forms- functions-controls.-legal framework-Contribution of the judiciary

Suggested Readings (Refer latest books):

1. MP Jain & SN Jain, Principles of Administrative Law, Lexis Nexis.
2. Mark Elliot, Administrative Law- Texts& Materials, OUP.
3. Bernard Schwartz, An Introduction to American Administrative Law, Sir Isaac Pitman & Sons.
4. Kaul MN & Shakhder, Practice and Procedure of Parliament, Metropolitan Book Co.
5. Julia Black, Rules and Regulators, OUP.
6. Cary Coglianese, Regulatory Breakdown: the Crisis of confidence in US regulation, University of Pennsylvania.
7. Robert E Cushman, The Independent Regulatory Commissions, OUP
8. Susan Rose, Ackerman & Peter L Lindrein, Comparative Administrative Law, Edward Elgar Pub.
9. NM Tripathi, Delegated Legislation in India , ILI.
10. A.W. Bradley, Constitutional and Administrative Law

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Course Objectives

The primary aim of this course is to give an understanding to the students about the decisive role played by the public authorities, their legal status, privileges, immunities as well as their liabilities. The liabilities of the public authorities have become manifold with the passage of time due to maladministration and corruption becoming rampant. This paper would give deeper understandings on the various institutional mechanisms available for public to challenge a vitiated public decision making.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level	
After completing the course, the students will be able to			
CO 1	To assess the aim, scope and significance of research.	Evaluation	
CO 2	To write effective doctrinal as well as non-doctrinal legal research using fundamental tools of research.	Creation	
CO 3	To articulate and formulate a research problem and design their research work.	Application	
CO 4	To write research papers, articles, notes, case comments etc. using standard forms of legal citations.	Creation	
CO 5	To build insights of emerging trends relevant for design for legal curriculum.	Creation	

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level	
After completing the course, the students will be able to			
CO 1	To appraise the important role played by the public authorities in the field of	Application	

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	administration	
CO 2	To solve problems of those affected by arbitrary and tyrannical decisions of the administrative authority	Creation
CO 3	To facilitate awareness for the statutory authorities of their status power and liabilities	Creation

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3

1-Slightly 2-Moderately 3-Substantially

Module I- Public Authorities

Constitutional position of public servants-doctrine of pleasure-exceptions-
civil servants- judicial trends

Module II- Liabilities of Public Authorities

Liability of the state -tortious liability – development in UK, US and India
contractual liability- judicial trends

Module III- Governmental Accountability and Privileges

Concept of Open government- Right to Information-Privileges –Immunities-
disclosure v secrecy – promissory estoppel

Module IV- Independent Institutional Mechanisms

Ombudsman system in a comparative angle- Lok Pal – Lok Ayukta- Central
Vigilance Commission- Central Bureau of Investigations- Vigilance and Anti
Corruption agencies- Specialised agencies

Module V- Inquiries and Commissions

Enquiries by legislative committees – commissions of inquiry –
Administrative Tribunals

References

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1. Seervai -Constitutional Law of India (1997) Vol.II Ch. 27
2. Wheare - Maladministration and its Remedies
3. Street - Government Liability
4. Donald C. Rowat - The Ombudsman
5. Schwartz - Introduction to American Administrative Law - Ch 9 & 10
6. Davis - Administrative Law - Cases - Texts Problems, Chs 17, 25 & 26
7. Department of Law - Special Number of Cochin University Law Review on Social Action Litigation (1984), pp. 433-446, 493-502, 516-522 & 439 & 546
8. Anderson & Moore - Establishing Ombudsman offices: Recent Experience in the United States.
9. Brown and Garner - French Administrative Law, Ch. 8
10. Subhash Chandra Gupta - Ombudsman

ELECTIVES

Paper I. Administrative Regulation of Public Enterprises

4 Credits

Course Objectives:

This course intends to enlighten the students about the role of the state as a regulator as well as a participant in economic activities so that scarce resources are equitably distributed. It gives insights as to how public enterprises have played and continuing play a strategic role with regard to economic and social development of the country. It also throws light on the impact of globalization on these institutions.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level
After completing the course, the students will be able to		
CO 1	Appreciate the critical role played by the public enterprises in the economic progress of the country	Analysis
CO 2	Critically evaluate the problems faced by these institutions and suggest policy level interventions	Evaluation
CO 3	Comment advice and deeper insights to those engaged in managing public undertakings	Evaluation

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3	2	3
CO2	3	3	2	3	3

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CO3	3	3	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Contents

Module I- Legal Status of Public Enterprises

Constitutional basis for the control of public enterprises- regulatory reforms-
Nationalisation- Judicial trend

Module II- Public Enterprises: Different Forms and functions

Distinction between public and private enterprises- extent of controls-Public
Corporation- Classification- nature and characteristics

Module III- Administrative Control over Public Corporations

Controls over Public Corporations-parliamentary-ministerial-financial-judicial

Module IV- Liabilities of Public Corporations

Liabilities of Public Corporations-tortious-criminal- contractual-case laws

Module V- Changing Regulatory controls and its Impact

Changing patterns of regulation- liberalisation and its impact –disinvestment-
accountability-case laws

Suggested Readings: (Refer latest books)

1. Griffith & Street - Principles of Administrative Law Ch 7.
2. Friedmann - Legal Theory (1967) Ch. 33
3. Administrative Reforms Commission - Report on Public Sector Undertakings (1967)
4. Garner - Administrative Law (1964) Ch. 10-16
5. E. Hilton Young - "Legal Personality of a Foreign Corporation" 22 L.Q.R. 178
6. Max Radin - The Endless Problem of a Corporate Personality", 32 Col. L. Rev 643
7. Adolf A Berle Jr - The Theory of Enterprise Entity, 47 Col. L. Rev. 343
8. C.A. Cross - Principles of Local Government Law, Ch. 6-12 & 27
9. O.P. Srivastava – Municipal Government and Administration in India.

Paper II-Law Regulating Government Services

4 Credits

Course objectives

The course intends to provide a comprehensive picture of the laws and Constitutional provisions relating to civil servants. It also aims to give a vivid picture about the laws which deal with curbing of corruption among the government servants, and the effectiveness of such laws.

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SCHOOL OF LEGAL STUDIES

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level
After completing the course, the students will be able to		
CO 1	Build a deeper understanding on all the laws and provisions of the Constitution relating to civil servants and their implications	Creation
CO 2	Implement through client advise	Application
CO 3	Facilitate the knowledge spread by being mentors in different training programs for government personnels.	Creation

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Contents

Module I- Constitutional Position of Civil Servants

Doctrine of Pleasure- Constitutional status of Civil servants- protection -Civil service- Civil Post- All India Service-Central Civil Service- regulation

Module II- Civil Service in India

Evolution of Civil Services- Public Services in India-Legislative provisions

Module III- Conditions of Service

Appointment and tenure- Conditions of Service-Constitutional and statutory limitations- Public Service Commission-judicial trends

Module IV-Disciplinary Proceedings

Disciplinary Proceedings against Government Servants- Inquiry-suspension-conduct-punishment-appeals- revisions

Module V-Prosecution of Public Servants

Sanction for prosecution –Prevention of Corruption- legislative measures- role of judiciary

Suggested Readings

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SCHOOL OF LEGAL STUDIES

1. Samaraditya Pal, Law Relating to Public Services , Lexis Nexis,India.
2. G.C Mathur, Government Servants: Appointment, Promotion and Disciplinary actions , State Manual Book & Periodicals Ltd.
3. KD Srivastava, Disciplinary Action against Government Servants and its Remedies, Eastern Book Co.
4. Ramesh K Arora, Rajini Goyal, Indian Public Administration.
5. SB Rao, Cases and Materials on Retirement, Promotion, Probation and Apprentice, Law Book House, Allahabad.
6. DD Sethi, Service Law and Constitution , Allahabad Law Pub House.
7. MR Mallick, Service Law in India, Eastern Book House.

Paper III Law Relating to Democratic Decentralisation

4 Credits

Course Objectives:

The course intends to provide the fundamental knowledge and awareness that good governance is the fundamental aspect of democracy and that it is through the peoples participation through local self governmental insitutions that this can be realized. The devolution of the power to the lowest ebb was achieved in India through the setting up of Panchayati Raj institutions. The course intends to provide deep insights as to the role of these institutions in our day to day life.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level	
After completing the course, the students will be able to			
CO 1	Build capacity to provide advice to the poor and the needy about the role of these institutions and assist them in this regard	Creation	
CO 2	Facilitate necessary legal advice and training to the representatives of these institutions	Creation	
CO 3	Detect areas of research where these institutions fail to perform and provide necessary policy level suggestions.	Evaluation	

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	2	3	3

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CO2	3	3	3	3	3
CO3	3	3	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Contents

Module I- Democratic Decentralisation : Basic Overview

Concept of Democratic Decentralisation – Aims and objectives of local government – development in India

Module II- Legal Status of Panchayati Raj Institutions

Constitutional Position- 73rd & 4th Amendment-Legislative initiatives in different states-comparison

Module III- Structure and Functions of Panchayati Raj Institutions

Organisational set up of local government – functions- powers-comparison with common law, continental and communist systems.

Module IV- Powers of Local Bodies

Powers of local government – role-taxing, prosecuting, advising, legislative, controls – governmental- financial- judicial- nyaya panchayats

Module V- Ombudsman System in Kerala

Organisation of Panchayati Raj Institution in Kerala– judicial control of local government – local self ombudsman

Suggested Readings (Refer latest books)

1. T.N Chaturvedi & Abhijith Datta, Local Government
2. N.S Gehlot, India Government and Liability
3. Devendra Takkur & Shivesh Nandan Singh, District Planning and Panchayati Raj
4. Radhakumar Mukherjee, Local Government in Ancient India
5. Kuldeep Mathur, Panchayati Raj: Oxford India Short Introductions (2013)
6. D Rajasekhar, Handbook of Decentralised Governance and Development in India, Routledge (2022)
7. E. Venkatesu, Democratic Decentralization in India: Experiences, issues and challenges, Taylor & Francis
8. Girish Kumar, Local Democracy in India: Interpreting Decentralisation Eastern Book Company
9. 114th Law Commission Report
10. Gargan, Handbook on Local Government Administration, Routledge

Group B- Commercial Law

Paper 1-Foundations of Contractual Liability

(4 credits)

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SCHOOL OF LEGAL STUDIES

Course Objectives

The primary aim of this course is to build on some of the concepts and principles of contract law that the students had learned in their undergraduate program. This will enable the students to gain an in-depth and critical understanding of the nature and purpose of the subject and its distinctive features as a private law discipline. The course is thus designed to provide advanced perspectives on the legal foundations of contracts as well as the normative underpinnings of contractual liability. It includes detailed examination of the existing doctrinal accounts on contracting, the determination of duties and breach under a contract, and discusses remedies for the breach of contract specifically in the context of modern technological advancements.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Demonstrate a deep understanding and knowledge of principles and issues of the law relating to contracts and contractual relationships;	Understand
CO2	Critically examine the theoretical understandings of specific areas of the law relating to contractual relationships.	Analyse
CO3	Analyze and apply elements of contract law to commercial activities that arise in a modern technological environment	Analyse
CO4	Plan, design and individually execute a substantial research-based project that identifies and critically examines aspects of contracts and contractual relationships	Evaluate
CO5	Develop critical thinking on application of contract law to technological advancements	Evaluate

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	2	2	3	3
CO2	3	2	3	3	3
CO3	3	3	3	3	3
CO4	3	2	2	3	2
CO5	3	2	3	3	3

1-Slightly 2-Moderately 3-Substantially

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SCHOOL OF LEGAL STUDIES

Course Contents

Module 1: Introduction to advanced contract law

Contract as private law obligation – Theories of contractual liabilities – Historical evolution of contract law.

Module 2: Contract law and the idea of autonomy

Concept of freedom of contract – decline and revival of the freedom of contract – Autonomy and contractual liability

Module 3: Contractual terms and Remedies

Representations-Warranties and innominate obligations-Implied terms – Force Majeure clauses-Exclusion Clauses – Common law limitations and statutory controls – Obligation of good faith and fairness – Remedies for breach

Module 4: Government contracts

Contract by public authorities – Government liability under contract – Public Private Partnerships – Investment contracts

Module 5: Contract law and technological challenges

Autonomous smart contracts – Blockchain technology – Data economy and contract law.

Suggested Readings:

1. Morgan J, Contract Law Minimalism: A Formalist Restatement of Commercial Contract Law (Cambridge University Press 2013)
2. Benson P, The Theory of Contract Law: New Essays (Cambridge University Press 2013)
3. Klass, Gregory, Letsas, George and Saprai, Prince, (eds). Philosophical Foundations of Contract Law (Oxford University Press, 2014)
4. Fried, Charles. Contract as Promise: A Theory of Contractual Obligation, (Oxford University Press 2015)
5. Stone, Richard, and James Devenney, The Modern Law of Contract (Routledge, 2020)
6. Atiya P.S., 'The Rise and Fall of Freedom of Contract (Oxford: Clarendon Press, 1995)
7. Kraus, Daniel, Thierry Obrist, and Olivier Hari, Blockchains, Smart Contracts, Decentralised Autonomous Organisations and the Law (Edward Elgar Publishing, 2019).
8. Treital, Law of contracts, Sweet & Maxwell, 1995
9. Richard Lawson, Exclusion clauses and Unfair contract terms, Sweet & Maxwell, 2017
10. Cheshire & Fifoot, Law of Contract, Oxford, 2012

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SCHOOL OF LEGAL STUDIES

Paper 2-Corporate Governance (4 credits)

Course objectives

This course aims to equip the students with specialist knowledge about the law of conducting business in today's globalized society. It examines the major theories concerning the nature of corporations, the concerns driving corporate governance law and practice, and reform proposals. This way, the course helps in developing the necessary skillset to enhance the students' understanding of how the mechanisms, relations and process of corporations' impact the way they function and operate in a domestic and international context.

Course Outcomes(COs)		Bloom's Taxonomy Level
After completion of the course,the student will be able to:		
CO1	Understand the effectiveness of current corporate governance processes in setting and pursuing objectives, both nationally and internationally.	Understand
CO2	Explain the role, procedures and practices relating to a company's board of directors	Analyse
CO3	Explore the future possibilities and existing evidence for regional and global convergence of corporate governance practices and the ways in which this might evolve.	Evaluate
CO4	Deliver insights into major theories concerning the nature of corporations, and the concerns driving corporate governance law and practices.	Apply
CO5	Appreciate legal mechanisms for investor protection	Evaluate

1.

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	2	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	2	2	3	2
CO5	3	2	3	3	3

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SCHOOL OF LEGAL STUDIES

1-Slightly 2-Moderately 3-Substantially

Course Contents:

Module 1: Introduction

Corporate governance – Different Systems of Corporate Governance – Shareholder and Stakeholder Theory of Corporate Governance –Convergence in Corporate Governance.

Module 2: Corporate governance issues related to ownership pattern

Corporate governance issues in widely dispersed companies – Promoter dominated companies- government companies- small and medium enterprises

Module 3: Practical aspects of corporate governance

Rules of internal governance of corporations – nature of rules – memorandum and articles – Binding nature – Distribution of powers of corporate organs – BOD, General Meeting, Key Managerial Personnel.

Module 4: The Role and Function of the board

Board of Directors – Position – Diversity on Board - Powers and duties - Board Committees - Meetings– Remuneration – Removal of directors- Corporate Social Responsibility- ESG Integration in Governance.

Module 5: Legal framework for investor protection

Investor Protection – Protection of minority shareholders against abuse of powers -Enforcement of corporate membership rights – Qualified membership rights and individual shareholder rights –Institutional Investors- Shareholder activism- Whistle Blowing.

Suggested Readings:

1. Gerner-Beuerle, Carsten, and Michael Schilling, 'Comparative Company Law', (Oxford University Press, 2019).
2. Harris, Jason R, 'Company Law: Theories, Principles and Applications', (LexisNexis Butterworths, 2015).
3. Gourevitch, Peter Alexis, and James Shinn, 'Political Power and Corporate Control: The New Global Politics of Corporate Governance', (Princeton University Press, 2005).
4. Yoshikawa, Toru, 'Asian Corporate Governance: Trends and Challenges', (Cambridge University Press, 2018).
5. Sjafjell, Beate, and Christopher M. Bruner, 'The Cambridge Handbook of Corporate Law, Corporate Governance and Sustainability', (Cambridge University Press, 2020).
6. Malecki, Catherine, 'Corporate Social Responsibility: Perspectives for Sustainable Corporate Governance', (Edward Elgar, 2018).

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7. Idowu, Samuel and Kiymet Tunca Caliyurt, 'Corporate Governance: An International Perspective', (Springer, 2014).
8. A.Ramaiya, A Guide to the Companies Act, Lexis Nexis 2015
9. Davies, P. L, 'Introduction to Company Law', (Oxford University Press, 2020).
10. Clarke, Thomas., 'Theories of Corporate Governance: The Philosophical Foundations of Corporate Governance', (Routledge, 2004).
11. Reimier Kraakman, The Anatomy of Corporate Law: A Comparative & Functional Approach, Oxford, 2017

Paper 3- Insurance Law (4 credits)

Course objective:

The course is designed to provide a detailed analysis of the fundamental principles of insurance law and to understand their relationship to virtually every area of our legal and commercial systems. It thus aims at sensitizing the students to identify the insurance issues lurking in many legal problems. The course will also provide the student with the tools necessary to analyze and effectively address those issues. For this purpose, the course will impart an understanding of the true logic behind the provisions in an insurance policy and the baffling ways in which insurance companies conduct their affairs.

Course Outcomes(COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Comprehend the significance of various types of insurances & the consequences of the happening of the peril/s insured against.	Understand
CO2	Locate the insurance law issues and provide an analysis of coverage under one or more of the policies typically issued by insurers in today's market.	Analysis
CO3	Appreciate the principles of insurance contract and to explain the greater societal benefits that may be served by that result.	Evaluate
CO4	Identify the remedies available to the client (be they insurer, insured or third-party) in order to enforce their coverage rights under the policy.	Apply
CO5	Develop critical thinking on ways to protect interest of insurance consumers	Analyse

1.

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5

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SCHOOL OF LEGAL STUDIES

CO1	2	3	2	2	3
CO2	3	3	3	3	3
CO3	3	2	3	3	3
CO4	3	2	2	3	2
CO5	3	2	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Contents:

Module I: Introduction to Insurance Contracts

Contract of insurance – Good faith, disclosure – Insurable interest and insurable value- Significance of insurance as a tool for social security- Regulation of insurance business.

Module II: Basic Principles and Methods

Indemnity - subrogation and contribution – double insurance and reinsurance

Module III: Essential Terms and Interpretation

Terms of insurance contracts –Conditions and warranties- Construction of policy – Avoidance of liability by insurers – excepted perils.

Module IV: Principles relating to Risk

Proximate cause of loss – Attachment and duration of risk – Transfer, Nomination and Assignment of insurance.

Module V: Settlement and Redressal

Recovery of losses – return of premium, settlement of insurance claims – Redressal mechanisms.

Suggested Readings:

1. John Birds, Birds' Modern Insurance Law, (Sweet & Maxwell/Thomson Reuters, 2016).
2. Lowry, John P., Philip Rawlings, and Robert M. Merkin, 'Insurance Law: Doctrines and Principles', (Oxford: Hart, 2011).
3. Eggers, Peter MacDonald, and Simon Picken, 'Good Faith and Insurance Contracts', (Routledge, 2018).
4. Gürses, Özlem, and Digby Charles Jess, 'The Insurance of Commercial Risks: Law and Practice', (Sweet & Maxwell/Thomson Reuters, 2017).
5. Colinvaux, Raoul P., Robert M. Merkin, Judith P. Summer, et al., 'Colinvaux's Law of Insurance', (Sweet & Maxwell/Thomson Reuters, 2016).
6. Clarke, Malcolm A, 'Policies and Perceptions of Insurance Law in the Twenty-First Century', (Oxford University Press, 2012).

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SCHOOL OF LEGAL STUDIES

7. Hardy Ivamy, General Principles of Insurance Law, Butterworths, 1993

Paper 4 -Banking and Financial Services Law (4 credits)

Course Objective:

This module provides students with an in-depth understanding of the legal issues that arise in banking regulation and law. The modules examine the current law and practice in the field of banking and finance in India and compares with the global financial market. Specifically emphasized will be the history and development of the banking system in the country. Along with the learning of financial regulation by the central bank, the implementation of international standards in banking will also be studied. A sampling of subjects covered include: the role of banking regulators, the government and the Reserve Bank of India, Office of the Comptroller of the Currency and state banking regulators, retail (i.e. consumer) banking and the emerging dimensions in banking system including e-banking and payment banks.

Course Outcomes(COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Converse with banking law's historic development and how it shaped today's bank regulatory regime.	Understand
CO2	Navigate the various overlapping legal and regulatory regimes applying to banks and non-banking financial companies.	Evaluate
CO3	Analyse the root causes of global financial crisis and the regulatory framework which has evolved to address this systemic risk.	Analyse
CO4	Compare the financial regulations system in India with other system operating abroad	Evaluate
CO5	Appreciate application of international norms on Indian Banking & financial system	Analyse

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	2	2	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	3	2	3	2

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SCHOOL OF LEGAL STUDIES

CO5	3	2	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Contents:

Module I: Introduction to Banking Law

Evolution of Banking System in India – Overview of Indian Financial System
– Central Banking functions – Regulatory control over Banks – NBFCs

Module II: Legal aspects relating to Banking

Banker-customer relationship –Banks as borrowers- Lending by banks –
Securities for loans – Agency services by banks-Protection against deficiency
in banking services - Duty of Confidentiality – Non-Performing Assets – Debt
Recovery – Insolvency resolution

Module III: Digital Banking and Financial services in India

Innovations in banking services – Payment services and electronic banking –
Reforms in the regulatory framework in India

Module IV: Global financial System

Global financial markets – International banking regulations – Basel norms –
Banking supervision

Module V: Regulation of Fintech

Laws relating to Fintech – Regulatory sandboxes – Legal issues relating to
cryptocurrencies

Suggested Readings:

1. Chiu and Wilson, Banking Law and Regulation (OUP 2019)
2. Cranston et al, Principles of Banking Law (OUP 2017)
3. Madir, Jelena., 'FinTech: Law and Regulation', (Edward Elgar Publishing, 2019).
4. Popkova, Elena G., 'The Future of the Global Financial System: Downfall or Harmony', (Springer International Publishing, 2019).
5. Tannan, M. L., C. R. Datta, and P. M. Bakshi, 'Tannan's Banking Law and Practice in India', (India Law House, 2002).
6. Eichengreen, Barry J., Pog-yong Park, 'The World Economy After the Global Crisis: A New Economic Order for the 21st Century', (World Scientific Pub. Co, 2012).
7. Lianos, Ioannis, Philipp Hacker, Stefan Eich, et al., 'Regulating Blockchain: Techno-Social and Legal Challenges', (Oxford University Press, 2019).
8. Pennington, Commercial Banking Law, Macdonald & Evans, 1978
9. Paget, Law of Banking, LexisNexis, 2015
10. Ross Cramston, Principles of Banking Law, Oxford, 2018

ELECTIVE PAPERS

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Paper 1-International Trade Law (4 Credits)

Course Objectives

This course focuses on the legal aspects of international trade. Although a key theme of the course is world trade law, the subject cannot be seen in isolation from private international law aspects of cross-border trade activities. Thus the course will focus in particular on the legal architecture of WTO and its working. The role and function of other international organisations in facilitating trade will also be considered in separate modules. This course will be of interest to students who have studied other aspects of commercial law. A strong background and interest in the scope and use of the core aspects of business and commercial law is expected of the students.

Course Outcomes(COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand of the basic principles of international trade and the working of WTO agreements.	Understand
CO2	Describe the key differences between globalism and protectionism with respect to trade and explain the applicable exceptions to the principle of non-discrimination	Analyse
CO3	Examine role and relevance of international economic institutions that promote international trade including that of regional organisations.	Analyse
CO4	Analyse the key aspects of the private international law aspects of international business transactions	Analyse
CO5	Examine dispute settlement mechanism and decisions from the WTO dispute settlement body.	Evaluate

1.

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	2	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	2	2	3	2
CO5	3	2	3	3	3

1-Slightly 2-Moderately 3-Substantially

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Course content

Module I: Introduction to International Trade Law

Sources of International Trade Law – Lex mercatoria – International Conventions- State as a regulating body – State as a trader – State immunity when engaged in trade.

Module 2: Role of International Organizations in developing Foreign trade

Bretton woods system – IBRD – IMF – ITO/GATT – WTO System – UNCTAD – UNCITRAL – Regional Trade Agreements

Module III: Legal structure of WTO

WTO covered agreements – General principles of international trade – MFN Clause – National Treatment – Prohibition on quantitative restrictions – General Exceptions

Module IV: Trade Remedies and Dispute Settlement

Anti-dumping – Subsidies and Countervailing Duties – Safeguards – Dispute settlement system under WTO

Module V: Private law aspects of international trade

International commercial contracts – International sales – Conflict of laws– Dispute Resolution

Suggested Readings:

1. Raj Bhala, International trade law: theory and practice (Lexis Pub, 2001)
2. Chuah, Jason, 'Law of International Trade: Cross-Border Commercial Transactions', (Sweet & Maxwell/Thomson Reuters, 2019).
3. Guzman, Andrew T., and Joost Pauwelyn, 'International Trade Law', (Wolters Kluwer Law & Business, 2012).
4. Lester SN, Mercurio B, Davies A. World trade law: text, materials, and commentary, (Hart Publishing, 2018)
5. Matsushita M, Schoenbaum TJ, Mavroidis PC. The World Trade Organization: law, practice, and policy, (Oxford University Press, 2003)
6. Di Lieto G, Treisman D. International trade law, (The Federation Press, 2018)

Paper 2- Sale and supply of goods (4 Credits)

Course Objective:

The course module looks at a series of key topics relating to the sale of goods from a domestic perspective with a brief introduction to international sales law. As This course is to be taught to a set of students who are familiar with the general principles of contracts the emphases will be on understanding and appreciating the basic essentials of a sales contract and on the existence of contractual relationship in modern sales transactions. Thus the course makes possible for the students to get to know the theory and practice of sale contracts and to handle complex legal problems related to the subject.

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Course Outcomes(COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand key issues relating to the sale and supply of goods in the context of Indian law	Understand
CO2	Explore the limitations of national law in the regulation of the international sale of goods and the importance of international conventions regulating international sales law	Analyse
CO3	Explain specific rights and obligations in sales contracts and of the remedies available in case of breach of such contracts	Analyse
CO4	Interpret the decisions, relating to sales transactions, of both national courts and arbitral tribunals	Apply

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	2	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	2	2	3	2

1-Slightly 2-Moderately 3-Substantially

Course Contents:

Module I: Introduction to sales law

Essential features of contract of sale – subject matter of sale – supply of goods otherwise than by sale – International legal aspects (CISG)

Module II: Features of sales contract and remedies

Terms in sale and supply contracts – Express and Implied terms – Sellers duties.

Module III: Contractual interpretation and remedies

Performance of sales contract – Contractual Interpretation – Breach and remedies

Module IV: Governmental role

Regulation of sale and supply of goods – Safety of products – protection of economic interest –Regulation to promote competition

Module V: Price controls

Control over pricing of goods – Administrative fixation of prices and price control by competition – Control over misleading and false claims.

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Suggested Readings:

1. Bridge, M. G., 'The Sale of Goods' (Oxford University Press, 2019).
2. Twigg-Flesner, Christian, Rick Canavan, Hector L. MacQueen, et al., 'Atiyah and Adams' Sale of Goods', (Pearson Education Limited, 2016)
3. Atiyah, P. S., J. N. Adams, and Hector L. MacQueen., 'The Sale of Goods' (Pearson/Longman, 2005).
4. DiMatteo, Larry A., 'International Sales Law: A Global Challenge', (Cambridge University Press, 2014).
5. Harvey, Brian W., and Deborah L. Parry., 'The Law of Consumer Protection and Fair Trading', (Butterworths, 2000).
6. Goode, Royston Miles, and Ewan McKendrick, 'Goode on Commercial Law', (LexisNexis, 2016).
7. Ramaiya, 'The Sale of Goods Act', Eastern Law Book Company (1995).

Paper 3- Remedies under Contract Law (4 credits)

Course Objective

The primary aim of the course is to enable students to analyse the remedial regime for breach of contract. It will enable student to develop wider legal thinking on issues relating to damages under contract law. It will examine the extent to which the remedy shapes the contours of the underlying substantive right

Course Outcomes(COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Appreciate the remedies granted by courts to address grievances of parties to contract.	
CO2	Make comparative analysis of contractual remedies.	
CO3	Distinguish between legal & equitable remedies.	

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	2	2	3	3
CO2	3	3	3	3	3
CO3	3	2	3	2	3

1-Slightly 2-Moderately 3-Substantially

Course Content:

Module I: Introduction

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Type of remedies - basis for deciding compensation - remedies for breach of terms in contract- Distinction from tort based remedies.

Module II: Vitiating Elements in Contract and Remedies

Remedies for misrepresentation, mistake undue influence and fraud - effect of vitiating elements on contract remedies- Money Damages.

Module III: Specific Remedies

Specific remedies - specific performance - injunction –Restitution-rectification and cancellation of instruments- Construction Contracts-Government contracts - Procurement Contracts.

Module IV: Damages

Damages for breach of contract - quantification of damages - remoteness of damage - damage and penalty.

Module V: Quasi - contractual remedies

Quasi - contractual remedies - concept quantum-merit, unjust enrichment under public and private law.

Suggested Readings:

1. Roger Halson, Liquidated Damages and Penalty Clauses, Oxford, 2018.
2. Solene Rowan, Remedies for Breach of Contract, Oxford University Press, 2012.
3. Saidov and Cunningham (Ed), Contract Damages: Domestic and International Perspectives, Hart Publishing, 2008.
4. Eggleston, Liquidated Damages & Extension of Time: Construction Contracts, Blackwell Publishing, 2009.
5. A.S. Burrows, "Remedies for Torts and Breach of Contract", Butterworths (1987)
6. M.P.Furmston, "Cheshire, Fifoot and Furmston's Law of Contract", Butterworths (1991)
7. Pollock and Mulla, "Indian Contracts and Specific Relief Act"., N.M.Tripathi (1994)
8. P.S. Atiyah, An Introduction to the Law of contract, Clarendon Press, Oxford (1995)
9. G.H.Treitel, Law of contracts, Sweet and Maxwell (1995)
10. "Chitty on Contracts" , Vol.1, Sweet and Maxwell
11. Sir Edward Fry, "A Treatise on the specific performance of Contracts", Universal Law Publishing Co.(Indian reprint) (1997).
12. G.C.V.Subba Rao, "Law of Specific Relief", Orient publishing Co. (2000)

Paper 4-Law of Carriages (4 credits)

Course Objectives:

The course aims to study the international and national legal framework for different modes of transportation of goods. The course will also help a student to learn about the provisions of multimodal transportation law. The course intends to cover the contemporary judicial and legal developments in this area.

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SCHOOL OF LEGAL STUDIES

Course Outcomes(COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand key issues relating to multimodal transportation law	Understand
CO2	Examine rights and liabilities of parties under carriage contracts.	Analyse
CO3	Interpret contracts and legal provisions pertaining to carriage of goods by different modes.	Apply

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	2	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Contents

Module I- Introduction

Concept of Public carriers – Right, Duties and liabilities of parties.

Module II: Law on Carriage by Road and Rail

Carriage by Road and Rail- Functions of Road Receipt and Railway Receipt – Responsibility for cargo – International conventions on carriage by Rail and Road.

Module III: Law on Carriage by Air

Carriage by air – safety of passengers – liability for goods – International conventions on carriage by air - Exclusion and limitations of liability

Module IV: Carriage by Sea

Contracts of affreightment liability under charterparty- Implied and express terms in charterparty contracts

Module V: Multimodal Transportation

Carriage under Bills of lading and multimodal transport documents – functions of bill of lading – liability of carriers – exempted perils – trading, Discharge and delivery of cargo – Carriers' lien- dispute resolution.

Suggested Readings

1. Micheil Spanjaart, Multimodal Transport Law, Routledge, 2013

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SCHOOL OF LEGAL STUDIES

2. Stephen Girvin, Carriage of Goods by Sea, Oxford, 2007
3. Raoul Colinvaux, “Carver’s Carriage by sea”, Stevens and Sons, London (1982)
4. Dr. Justice T. Kochu Thommen, “Bills of Lading in International Law and Practice”, Eastern Book Company, Lucknow.
5. B.C.Mitra, The Law Relating to Bills of Lading and Charterparties Contract of Affreightment” University Book Agency, Allahabad (1996)
6. Charles Debattista, “Sale of Goods Carried by Sea” Butterworths (1990)
7. “Scrutton on Charterparties and Bills of Lading” Sweet and Maxwell, London
8. William Tetley, “Marine Cargo Claims”, Butterworths, Toronto.

Paper 5- Law on Capital Markets (4 Credits)

Course Objectives:

The primary objective of the course is help students understand the law governing capital markets. It covers the functioning of capital market. It analyses the role of regulators in capital market helps the students in understanding the role and functioning of stock exchanges. The course intends to examine the trends in regulatory controls in capital market.

Course Outcomes(COs)		Bloom’s Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the role of capital market in economic growth.	Understand
CO2	Explain the law governing securities market.	Analyse
CO3	Appreciate the role of sectoral regulators in capital market.	Evaluate

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	2	2	3	3
CO2	3	3	3	3	3
CO3	3	3	2	3	3

1-Slightly 2-Moderately 3-Substantially

Course Contents:

Module I: Introduction

Organisation of Capital Market-Historical Perspectives-Evolution of Capital Market in India- BSE, NSE and Other Regional Stock Exchanges- Kind of securities -Need for capital market regulation- Securities Market and

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SCHOOL OF LEGAL STUDIES

Economic growth-Securities market reforms- International organization of securities commissions (IOSCO)

Module II: Capital Market Regulation

Jurisdiction, powers and functions of SEBI- Control over stock exchanges- Primary market-secondary market - Depositories- dematerialization - Stock Exchanges in International Financial Service Centres.

Module III: Capital Market Intermediaries

Regulatory controls over merchant bankers- Corporatization and demutualization of Stock exchanges- Division of Trading Rights and Administration of Stock Exchanges- credit rating agencies – Underwriters - share transfer agents-Clearing corporations, Credit Rating Agencies-Self-regulatory organizations (SRO).

Module IV: Investor Protection in Capital Market

Role of SEBI- Redressal of grievances- Prohibition of fraudulent trade practices-Market Manipulation-Insider Trading.

Module V: Alternate Investment Funds

Mutual funds, venture capital funds, Angel funds, collective investment schemes - Hedge Funds-Real Estate Investment funds - Private Equity.

Suggested Reading

1. Raghvendra K. Singh and Shailendera K. Singh, Law and Regulation of Public Offering of Corporate Securities, Oxford, 2016.
2. Alok Verma and Karan Trehan, Investment Funds in India, Thomson Reuters, 2020.
3. K Sekhar, Guide to SEBI, Capital issues, Debentures and Listing, Lexis Nexis, 2017.
4. Kondaiah Jonnalagadda, Securities Law, Lexis Nexis, 2015.
5. Nicholas L. Georgakopoulos, The Logic of Securities Law, 2017, Cambridge
6. Taxmanns, Securities Laws & Capital Markets, 2019
7. Jonathan Fisher, Law on Investor Protection, Sweet and Maxwell.

Paper 6- Law on Corporate Insolvency Resolution (4 Credits)

Course Objectives:

The course aims to enable the students to understand the law governing resolution of corporate insolvency. The course will help them examine the insolvency resolution process, the rights of creditors and debtors, the powers and functions of regulatory agencies & insolvency professionals. It will also introduce them to the issues in cross border insolvency. The course intends to cover the contemporary judicial and legal trends in this area.

Course Outcomes(COs)	Bloom's Taxonomy Level
After completion of the course, the student will be able to:	

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CO1	Understand the general principles relating to corporate insolvency.	Understand
CO2	Appreciate jurisprudence of corporate insolvency	Analyse
CO3	To critically analyse the legal framework governing insolvency	

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	2	3	3
CO2	3	3	3	3	3
CO3	3	2	3	2	2

1-Slightly 2-Moderately 3-Substantially

Course Contents:

Module I: Introduction to Insolvency Law

Aims, objectives and policies of insolvency laws - Evolution of the law - Problem of Non-Performing assets- Constitutional perspectives of corporate insolvency resolution.

Module II: Corporate Insolvency Resolution

Corporate insolvency resolution process - Committee of creditors- Operational creditor & financial creditor -Resolution Process-Liquidation Process.

Module III: Administration and Distribution of Assets

Distribution of assets & Pari passu Principle- Undervalued transactions- Preference transactions- Extortionate credit transactions-Avoidance Proceedings- Fraudulent trading - Liability of delinquent directors and officers- Misfeasance proceedings.

Module IV: Cross Border Insolvency

Disposition of Foreign assets- Choice of Law- UNCITRAL Model law on Cross border insolvency- Centre of Main Interests [COMI]

Module V-Specific Issues

Entrepreneurship and Insolvency-Market for Distressed Assets- Group Insolvency- Pre-Pack arrangements

Suggested Readings:

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SCHOOL OF LEGAL STUDIES

1. Vanessa Finch, Corporate Insolvency Law: Perspectives and Principles, Cambridge, 2017.
2. Fletcher, Ian F, The Law of Insolvency, Sweet & Maxwell, 2017.
3. Rebecca James Parry & others, Transaction Avoidance in Insolvencies, Oxford University Press, 2018.
4. Reinhard Bork, Principles of Cross Border Insolvency Law, Intersentia, 2017.
5. Neil Hannan, Cross Border Insolvency-The Enactment and Interpretation of UNCITRAL Model Law, Springer, 2017.
6. R.M. Goode, Principles of Corporate Insolvency Law Sweet and Maxwell, 2005.
7. Raghav Pandey, The Law of Corporate Insolvency, Thomson Reuters 2021
8. A K Mittal, Insolvency & Bankruptcy code, Law & Practice, EBC 2021

GROUP C: CONSTITUTIONAL LAW

Core Courses

Core Paper 1- Centre-State Legislative Relationship

4 credits

(Comparative study in the light of the provisions of the Constitutions and relevant case laws of India, U.S., Australia, Canada and Switzerland with special emphasis on India)

Course Objectives:

Examining the features of the different types of Constitutions in the world with special reference to the Indian Constitution. Understanding the concept of Federalism with a comparative analysis of the centre-state relationship existing in some countries with special emphasis on the distribution of legislative powers between the centre & the states. To illustrate how the various doctrines aid the court in the interpretation of the provisions of the Constitution for resolving the legislative conflicts between the union & the State legislatures. To critically examine the predominance given to Union Parliament to legislate with respect to matters in the State list under special situations.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level
After completing the course, the students will be able to		
CO 1	Appraise the legislative relations existing between the Union & the States in India in the light of the working of the federal governments in various countries.	Analysis
CO 2	Examine the context in which the various doctrines are applied by the judiciary in resolving the legislative conflicts between	Application

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	the Union parliament & state legislatures	
CO 3	To critically examine the overriding legislative power of the Union Parliament over the the State legislatures.	Evaluation

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	2	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3

1-Slightly 2-Moderately 3-Substantially

COURSE CONTENTS:

Module I Types of Constitutions- Indian Constitution- Salient Features

Module II Federalism- Centre- State relationship-Comparison with Australia, Canada and U.S.A.

Module III Centre –state Legislative relationship- The Union List, the State List and the Concurrent List-

Module IV Repugnancy between central and state legislations-Doctrines--colorable legislation- occupied field- Pith and substance- case laws

Module V Parliamentary legislation in the State field- In the national interest (Article 249), proclamation of emergency (Art.250), Two or more States requesting (Article 252) , Treaty making power (Article 253)-case laws.

Suggested Readings:

1. John Quick, Robert Randolph Garran, *The Annotated Constitution of Commonwealth*, Kessinger Publishing, 2010
2. Edward Mc Whinney - *Comparative Federalism* (Edn. 2, 1965).
3. Michael Coper, *Encounters with the Australian Constitution* Sydney, CCH Australia, 1987.
4. Adam Dodek, *The Canadian Constituion*, Dumdum Publicaitons, 2013
5. M.P. Jain, *Indian Constitutional Law*, Wadhwa and Company, New Delhi, 2008
6. H.M. Seervai, *Constitutional Law of India, A Crtitical Commentary, Vol.3*, M.N. Tripathi Pvt. Ltd., Bombay, 1996.
7. M.A..Hussain, *Socio-Legal Perspectives of Centre-State Relations in India*, Deep andDeep Publications, New Delhi, 1989
8. A.V. Dicey - *An Introduction to the Law of Constitution*

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SCHOOL OF LEGAL STUDIES

- Ch.3 (10thedn., Indian Rpt.1994).
9. K.C.Wheare - *Federal Government* (1947).
10. Bowie and Friedrich (Eds.) - *Studies in Federalism* (1954).
11. Wynes - *Legislative, Executive and Judicial Powers in Australia* (3rd edn.1962).
12. Laskin - *Canadian Constitutional Law* (1966).
13. Indian Administrative Reforms Commission - *Reports on Centre- State relationships* Volumes 1 & II (1967).
14. H.M. Seervai - *Constitutional Law of India* (3rd edn.) Vol.1, Ch.5 (1983)
15. Sarkaria Commission *Report on Center-State Relations, Report of Finance Commission, Report of Planning Commission*
16. National Commission for Review of working of the Constitution, Consultation paper on Treaty Making Power
17. Ghosh - *Government of the Swiss Republic*.
18. Alexander Smith - *Commerce Power in Canada and the U.S.* (1963) Chs.1 and 2.
19. Victor Mackinnon - *Comparative Federalism* (1964) Chs.1 to 5, 9 to 12.
20. Mason & Beaney - *American Constitutional Law* (Edn.3., 1964) Chs.1 to 8.
21. S.K. Agarwala (Ed.) - *Essays on the Law of Treatises*.
22. Sebastian, V.D - *Indian Federalism: The Legislative Conflicts* (1980)
23. M.P.Jain - *Indian Constitutional Law*, (Rpt.1994) Ch.14.
24. Nowak, Rotunda and Young - *Constitutional Law* (1978) Ch.1 to 11.
25. Krishna Shetty, K.P - *The Law of Union - State Relations and Indian Federalism* (1981).
26. Setalvad - *Union and State Relations under the Indian Constitution* (1974).
27. Basu - *Comparative Federalism* (1987).
28. Tribe - *Treatise on American Constitutional Law* (1988) Chs. 3, 5 and 6.

Core Paper 2-- Fundamental Rights and Constitutional Protection

4 credits

(With special emphasis on India but to be studied comparatively in the light of the provisions in the U.S. Constitution)

Course Objectives:

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Understanding the concept of State & the historical background of the evolution of Fundamental rights of Citizens. Understanding the meaning and relevance of Directive Principles of State Policy and the distinction between the Fundamental Rights and Directive Principles in terms of justiciability and priority. To discuss the judicial trend in reading the Fundamental Rights into the Directive Principles of State policy. To appreciate the application of the various doctrines in determining the constitutional validity of the provisions of statutes. To discuss the right to freedom and the reasonable restrictions on them and the expanding horizon of right to life and other fundamental rights in the light of case laws. To understand the basis of the distinction in enforcement of fundamental rights under Articles 32 and 226.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level	
After completing the course, the students will be able to			
CO 1	Appraise the relevance of Fundamental rights and Directive Principles of State Policy with reference to the role of the State in protecting the Fundamental Rights and giving effect to the Directive Principles of State Policy.	Analysis	
CO 2	Critically examine the reasonable restrictions on the right to freedom and the expanding ambit of Right to life in the light of case laws.	Evaluation	
CO 3	Articulate the scope of jurisdiction of the Supreme Court and the High Court under Article 32 & 226 in enforcement of the Fundamental Rights.	Application	

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	2	2	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	2

1-Slightly 2-Moderately 3-Substantially

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SCHOOL OF LEGAL STUDIES

Course Contents

- Module I-** Concept of State- Restrictions on the power of the State- Fundamental Rights- distinction from the Directive Principles of State Policy- Justiciability of Fundamental Rights - Unconstitutionality of Statutes- Doctrine of eclipse, and severability
- Module II** Right to equality, right to freedoms- reasonable restrictions- case laws
- Module III** Right to life- role of State in protecting life- judicial interpretations
- Module IV** Right against exploitation, rights of persons apprehended or accused, right to religion- Cases laws
- Module V** Enforcement of Fundamental Rights- Articles 22 and 32- Distinction- Case laws

Suggested Readings:

1. Bernard Schwartz, *American Constitutional Law*, Cambridge University Press, 2013
2. M.P. Jain, *Indian Constitutional Law*, Wadhwa and Company, New Delhi, 2008
3. H.M. Seervai, *Constitutional Law of India, A Critical Commentary*, Vol.3, M.N. Tripathi Pvt. Ltd., Bombay, 1996.
4. Dr. Subhash C. Kashyap, *Constitution of India, Review and Reassessment*, Universal Law Publishing Co. Ltd., Delhi, 2006.
5. Dorsen - Bender and Neuborne (Eds.), *Emerson, Haber and Dorsen's Political and Civil Rights in the United States*. Vols.1 and II (1979).
6. Mason and Beane - *American Constitutional Law* (Edn.3, 1964) Chs. 9 to 13.
7. Hidayathullah - *Constitutional Law of India* (1984) Vol. 1.
8. Mahendra P. Singh - *Comparative Constitutional Law* (1989) Part III.
9. Nowak, Rotunda and Young, - *Constitutional Law* (1978) Chs.12 to 19.

Core Paper 3- Parliamentary Form of Government

4 credits

(Emphasis on India and the U.K. – knowledge of Parliamentary Government in other countries like Australia, Canada, France and West Germany is expected)

Course Objectives:

Understanding the difference between Parliamentary and Presidential forms of Government based on the US & UK legal systems. Illustrating the Doctrine of Separation of Powers and Principle of Collective Responsibility in the light of the US & British Constitutions respectively. Analyzing the Parliamentary procedures and understanding the various dimensions of the Privileges enjoyed by the members of the Parliament in the light of judicial Interpretations. To give insights into the historical background of the conflict between the fundamental rights & Parliamentary Privileges in a broader perspective of rights of the governed and the Government.

COs and Revised Bloom's Taxonomy Level

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SCHOOL OF LEGAL STUDIES

Course Outcomes (COs)		Bloom's Taxonomy Level	
After completing the course, the students will be able to			
CO 1	Test the advantages and drawbacks of Parliamentary and Presidential forms of government and evaluate its working in the countries following the Parliamentary and Presidential form of governments.	Evaluation	
CO 2	Critically examine the doctrine of Separation of powers and the Principle of collective responsibility with reference to the Indian Constitution.	Evaluation	
CO 3	To prepare and formulate a research problem and design their research work.	Application	

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	2	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Contents

Module I- The concept and features of Parliamentary form of government as distinct from the Presidential form- distinction from the U.K. model

Module II- Doctrine of separation of powers, Principles of collective responsibility

Module III- Procedures in the Parliament- passing of bills, joint sittings

Module IV- Parliamentary privileges- restrictions- case laws

Module V- Clash between fundamental rights and parliamentary privileges- case laws

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SCHOOL OF LEGAL STUDIES

References

1. D.C.M. Yardley, *Introduction to British Constitutional Law*, Butterworth Publication, London, 1974.
2. H.M. Seervai, *Constitutional Law of India, A Critical Commentary, Vol.3*, M.N. Tripathi Pvt. Ltd., Bombay, 1996.
3. Sydney D. Bailey, *Parliamentary Government in the Commonwealth*, Hansard Society, London, 1951
4. Jashwant B. Mehta, *Quest for a better Democratic Alternative, Forum for a better democratic alternative*, Bombay, 1995.
5. M.A. Qureshi, *Indian Parliament, Powers, Privileges and Immunities*, Deep and Deep Publications, Delhi, 1991.
6. John A.R. Marriott, *English Political Institutions*, Clarendon Press, Oxford, 1955.

Core paper 4 Emergency and Defence Powers under the Constitution 4 credits

Course Objectives:

To trace the genesis of the incorporation of the Emergency Provisions under the Indian Constitution and understand the scope of the Emergency Provisions and its impact on the rights guaranteed by the Constitution. Appreciate the distinction between martial law and emergency. Analyze the provisions of various kinds of emergencies envisaged in the Indian Constitution. To interpret the meaning of 'subjective satisfaction' for invoking the Presidential proclamation in the State and to appreciate the scope of judicial review of satisfaction of the President in the light of case laws.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level
After completing the course, the students will be able to		
CO 1	Build deep insights into the emergency provisions in the Constitution and to understand the distinction between martial law and emergency.	Creation
CO 2	Appraise the propriety of invoking the emergency provisions on the various grounds enumerated in the Constitution based on factual situations.	Analysis
CO 3	Examine the scope of judicial review of the Presidential Proclamation under Article 356.	Application

COURSE ARTICULATION MATRIX

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SCHOOL OF LEGAL STUDIES

	PO1	PO2	PO3	PO4	PO5
CO1	3	2	2	3	3
CO2	3	2	3	3	3
CO3	3	3	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Contents

- Module I-** Basis of the emergency power- power to derogate rights- Martial law- State of Siege-Proclamation of emergency and indemnity acts
- Module II-** Scope of war power – during peace, during war and on cessation of war, National emergency- Article 352- consequences
- Module III-** Fundamental Rights and Emergency (war) Power- case laws
- Module IV-** State emergency- Subjective satisfaction of the President or the Governor- scope of judicial review – case laws.
- Module V-** Misuse of the power-judicial contributions-Financial emergency-legislative and executive control of emergencies.

Suggested Readings:

1. H.M. Seervai, *Constitutional Law of India, A Critical Commentary, Vol.3*, M.N. Tripathi Pvt. Ltd., Bombay, 1996.
2. M.P. Jain, *Indian Constitutional Law*, Wadhwa and Company, New Delhi, 2008
3. Sudhansu Ranjan Mohapatra, *State-emergency under the Indian Constitution*, ResearchIndia Press, 2013.
4. Basu - Commentary on the Constitution of India, Vol.5, Part 18
5. Seervai - Constitution Law of India (3rd edn.) Vol.1, Appx.1 to IV, Vol.2, Chap.29
6. Minattur - Martial Law
7. M.P.Jain - Indian Constitutional Law, Chap.13
8. ILI - Indian Constitution: Trends and Issues (1978) Part II
9. Keir & Lawson - Cases in Constitutional Law
10. Wynes - Legislative, Executive and Judicial Powers in Australia
11. Laskin - Canadian Constitutional Law
12. Arnold Heidenheimer- The Government of Germany
13. Dorothy Pickles - The Fifth French Republic
14. J.A. Laponce - The Government of the Fifth Republic
15. Nakade - Emergency under the Indian Constitution

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SCHOOL OF LEGAL STUDIES

Elective Courses

Elective 1: Judiciary under the Indian Constitution

4 credits

Course Objectives:

To give an overview of the hierarchial structure of courts and the need for integrated Judiciary under the Indian Constitution. To illustrate how the Indian Constitution provides for separation of Judiciary from the executive and Independence of Judiciary. To demonstrate the creative role played by Judiciary in maintaining the separation of powers in the light of case laws.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level	
After completing the course, the students will be able to			
CO 1	Assess the provisions of the Constitution relating to the separation of powers	Evaluation	
CO 2	Reflect on the need to maintain independence of judiciary as envisaged in the Indian Constitution in relation to appointment and removal of judges.	Evaluation	
CO 3	Determine the creative role played by the judiciary by means of various judicial decisions.	Application	

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	2	3	2	3	3
CO2	3	3	2	3	3
CO3	3	3	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Contents

Module I- Setting of Courts, and qualification of judges

Module II- Appointments of judges- interference by the executive -case laws

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SCHOOL OF LEGAL STUDIES

Module III- Removal of judges- procedure- experiences

Module IV- Separation of power and the independence of judiciary under the Constitution
-financial independence of judiciary

Module V- Creative role of the judiciary- and separation of powers

Suggested Readings:

1. Edward Dumbald, *The Constitution of the United States*, University of Oklahoma Press, Norman, 1964.
2. V Sudhish Pai, *Legends in Law Our great Forbearers*, Universal Law Publishing Co., New Delhi, 2013.
3. Nilanjana Jain, *Judicial Activism in India*, Kalpaz Publications, Delhi, 2013.
4. H.M. Seervai, *Constitutional Law of India, A Critical Commentary, Vol.3*, M.N. Tripathi Pvt. Ltd., Bombay, 1996.

Elective 2- Interstate Trade and Commerce and Right to Property 4 credits

Course Objectives

To recall the origin of incorporation of provisions relating to trade, commerce and intercourse in the Indian Constitution and the distinction between the trade and commerce provisions of the Australian and Indian Constitutions. Explaining the significance of the Commerce Clause in the US constitution with reference to the provisions of trade, commerce and intercourse in Indian Constitution. To assess the scope of restrictions on Art.301 by means of judicial interpretations. To impart information regarding the history of property rights in India and the impact of Constitutional amendments. To comprehend the relation between Article 300A and Article 19 (1) (f). To analyze the limitations on the rights under Article 19 (1) (f) and Article 300A. Understanding the concept of compensation in relation to the right to property through the various case laws.

1. Get insights regarding the rights guaranteed under Article 19(1)(f) and Article 300A.
2. Appreciate and illustrate the concept of Compensation in relation to the right to property tracing through the judicial decisions.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level	
After completing the course, the students will be able to			
CO 1	Detect the provisions relating to trade, commerce and intercourse in the Indian Constitution in the light of the Commerce clause in U.S Constitution.	Evaluation	

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SCHOOL OF LEGAL STUDIES

CO 2	Correlate the rights guaranteed under Article 19(1)(f) and Article 300A.	Analysis
CO 3	Appraise and illustrate the concept of Compensation in relation to the right to property tracing through the judicial decisions.	Analysis

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	2	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Content

Module I- Interstate Trade and Commerce- purpose-distinction from the commerce clause of US –case laws

Module II- 19 (1) (g) and Trade and commerce- taxation

Module III- Restrictions in public interest- judicial decisions

Module IV- History of Articles 300 A and 19 (1) (f)- case laws

Module V - limitations on this right- compensation- public interest -case laws

Suggested Readings:

1. Gerald Gunther, *Constitutional Law*, Foundation Press, 1985
2. Alfred H. Kelly, *The American Constitution*, W.W. Norton & Co., New York, 1963
3. H.M. Seervai, *Constitutional Law of India, A Critical Commentary, Vol.3*, M.N. Tripathi Pvt. Ltd., Bombay, 1996.
4. M.P. Jain, *Indian Constitutional Law*, Wadhwa and Company, New Delhi, 2008

Elective 3-- Constitutional Scheme and Pluralist Society

4 credits

Course Objectives

Understanding the concept of Pluralism and Pluralist Society and its various forms in the context of individual rights. Interpreting the right to freedom of speech and expression and its manifestations. Explaining the need to recognize the right to Separateness with reference to the right to protection of minorities and backward classes against exploitation.

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SCHOOL OF LEGAL STUDIES

To discuss the advantages and disadvantages of Uniform Civil Code. Illustrate the distinction between State and non-state laws in relation to uniform and personal laws. To examine the need for equality in a pluralist society in the context of prohibition of discrimination and untouchability. To comprehend the meaning of Secularism. To discuss and appraise Pluralism in the international framework in the context of various UN Conventions.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level
After completing the course, the students will be able to		
CO 1	Illustrate the concept of Pluralism and its various forms and to appreciate the right to freedom of speech and expression from the perspective of a pluralist society.	Analysis
CO 2	Detect the rights of minorities and backward classes in the context of right to Separateness and to demonstrate the concept of equality with reference to the rights against discrimination and untouchability	Evaluation
CO 3	Appraise the international standards of pluralism in relation to the various UN conventions.	Analysis

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	2	3	3
CO2	3	3	3	3	3
CO3	3	2	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Contents

- Module I-** Pluralism- nature of pluralistic society- Ethnic, linguistic, cultural, political pluralism-Individual rights-right to dissent,
- Module II-** Freedom of speech and expression, Freedom of the Press, Freedom of association, Rights to separateness, Rights of the religious and linguistic minorities, Compensatory discrimination for backward classes, Scheduled Tribes, Distinct identity-protection against exploitation, Uniform Civil Code

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Module III- Non - State Laws (NSLS) and State Law Systems -Problem of Uniform v. Personal laws-vertical federalism-Tribal Groups and quality.

Module IV- Equality in Plural Society-Right to equality and reasonable classification, Prohibition of discrimination on ground of religion, caste, sex, language, Abolition of untouchability-Secularism-Constitutional principles-

Module V- Pluralism and International Concerns-International Declaration of Human Rights-Conventions against genocide, Protection of religious, ethnic and linguistic minorities, State intervention for protection of human rights, Right of self-determination.

Suggested Readings:

1. Upendra Baxi, Law, *Democracy and Human Right*, 5 Lokayan Bulletin 4 (1987).
2. V.M.Dandekar, *Unitary Elements in a Federal Constitution*, 22 E.P.W 1865, 1988 24
3. Rajeev Dhavan, *The Press and the Constitutional Guarantee of Free Speech and Expression*, 28 JILI 299 (1986)
4. M.A.Fazal, *Drafting a British Bill of Rights*, 27 JILI 423 , 1985
5. M.P.Jain, *Indian Constitutional Law* (1994), Wadhwa
6. H.M.Seervai, *Constitutional Law of India*, (1993)

Elective 4—Constitutionalism 4 credits

Course Objectives

To understand the concept of Constitutionalism and its significance in contemporary world. To expose the students to critical thinking on the relevance of Constitutionalism in modern Constitutions and how it seeks to be distinct from Constitution. The course seeks to illustrate the inter relation between Constitutionalism and Rule of Law and to critically analyse the element of Constitutionalism in the Indian Legal order. The Course intends to demonstrate the aspects of Constitutionalism with reference to a comparative study of Canadian and American legal system and to discuss the interrelation between federalism and Constitutionalism. To sensitise the students towards the issues of access to justice of the deprived, marginalized and weaker sections and the role of the courts in the realization of justice.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level	
After completing the course, the students will be able to			
CO 1	Assess and identify the aspects of Constitutionalism in a given legal order	Evaluation	
CO 2	Devise the elements of Constitutionalism with reference to Rule of Law and Federalism and the consequences of absence	Creation	

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	of Constitutionalism	
CO 3	Articulate the challenges to Constitutionalism and evaluate the role of the courts in bringing about constitutionalism	Application

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	2	2	3	3
CO2	3	3	2	3	3
CO3	3	3	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Contents

Module I: Constitutionalism- Concept and Principles – Rule of Law
The Concept of Constitutionalism-Essential Principles of Constitutionalism-
Constitutionalism and Rule of Law-Functions of Rule of Law and
Constitutionalism-Constitutionalism in the Indian Legal Order

Module II : Constitutionalism and Federalism- Canada, America and India
Federalism as an aspect of Constitutionalism-The Federal principle: Classical
and Modern-An overview of the Canadian and American Position-Main
features of Indian federalism-Federalism and Constitutionalism

Module III: Challenges to Constitutionalism
New challenges to Constitutionalism: some social issues-Equality and
Affirmative actions (Dalits, and Backward Classes)

Module IV: Access to Justice of Weaker Sections and role of Judiciary
Human Rights of the Marginalized Groups-An Evaluation of Role of Courts.

Module V: Forms of Justice Delivery and Independence of Judiciary
Justice Delivery System In India-PIL movement : Promises and Perils-
Independence of Judiciary-Judicial Reforms.

References

1. C. H. Mell Wain, *Constitutionalism: Ancient and Modern*. (1947).
A. V. Dicey, *Introduction to the Study of Law of the Constitution*. (1982)
Edition.

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SCHOOL OF LEGAL STUDIES

2. Lary Alexander (ed). *Constitutionalism: Philosophical Foundations*. Cambridge. (1998)
3. M. P. Singh '*Constitution of India*. 11th Ed. 2008, Eastern Book Co.
4. K. C. Wheare. *Federal Government*. Ch. 1 & 2, 4th Edition 1963.
5. M. P. Singh. *Federalism, Democracy and Human Rights*. 47 J.I.L.I. 47 (2005).
6. Parmanand Singh '*Social Rights and Good Governance InC*. Raj Kumar and D. K. Srivastava (ed.) *Human rights and Development: Law, Policy and Governance* Ch.24 pp.437-54. Lexis Nexis. Hong Kong. (2006).
7. Parmanand Singh '*Hunger Amidst Plenty: Reflections on Law, Poverty and Governance*. 48, J.I.L.I. PP 57-77. (2006).
8. Virendra Kumar. *Dynamics of Reservation Policy: Towards a More Inclusive Social Order*, 50, J.I.L.I. PP 478-517. (2007).
9. Virendra Kumar, *Minorities' Rights to Run Educational Institutions*: T. M. A. Pai Foundation in Perspective. 45, J.I.L.I. PP 200-238. (2003).
10. Parmanand Singh '*Equality and Compensatory Discrimination: The Indian Experience*, In Choklingam and C. Raj Kumar (ed) *Human rights, Criminal Justice and Constitutional Empowerment*, Chapter 7, Oxford, Delhi. (2006).
11. Parmanand Singh. *Protecting the Rights of the Disadvantaged Groups Through Public Interest Litigation*, in M. P. Singh et al (ed), *Human Rights and Basic Needs: Theory and Practice*, Universal Law Publishing Company, New Delhi, PP 305-329. (2008).
12. Balakrishnan, K. G. '*Judiciary in India: Problems and Prospects*. 50, J.I.L.I. PP 461-467 (2008).

Elective V - Protection of Life and Personal Liberty

4 credits

Course Objectives

The course is intended to give the students a holistic picture about the various dimensions added to right to life and personal liberty under Article 21 of the Constitution of India. The course is also aimed at looking at the development of the content and concept of fundamental right vis-à-vis state.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level	
After completing the course, the students will be able to			
CO 1	Score skill in reading and understanding the <i>ratio decidendi</i> of case laws and how it is applied in the succeeding cases.	Evaluation	
CO 2	Build interest in reading case laws in original and to find out the unexplored areas of such cases and to have a jurisprudential approach to all the subjects	Creation	

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CO 3	Ar our as good teachers, lawyers and judges in the area of Fundamental Rights	Application
CO 4	Show interest in going through the history of all the Articles of the Constitution of India by reading the relevant portions of the Constituent Assembly Debates to appraise the philosophy of all the provisions of the Constitution.	Analysis
CO 5	Be more critical about the judgments relating to fundamental rights when the violator is not a “state” under Article 12 of the Constitution of India	Evaluation

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	2	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	2	3	2	3	3
CO5	3	2	2	3	3

1-Slightly 2-Moderately 3-Substantially

Course Content

- Module I-** Constitutional history of Article 21, content of life, liberty and personal liberty - procedure established by law and due process clause of the Constitution of the United States of America - pre-*Maneka* period.
- Module II-** *Maneka case* and after – prisoners’ rights, legal aid, right against cruel and unusual punishment, privacy, right to cease to exist.
- Module III-** Right against Illegal arrest, detention and custodial death- contribution of the judiciary- right to compensation- preventive detention and right to personal liberty
- Module IV –** Right to Health- Case Laws- Right to education- Case Laws- Right to clean and healthy environment- Case Laws – Nature of the obligation of the State- Violation by non-state actors- response of the judiciary
- Module V-** Right to Development –case laws-Right to livelihood- case laws- right to shelter- case laws- access to road- case laws- right of women and children- incorporation of international human rights law- role of judiciary.

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Suggested Readings (In all the Books referred, the latest edition is expected to be referred):

1. H.M. Seervai, Constitutional Law of India, Vol.I
2. Nowak et al, Constitutional Law (1998) Chs.12 & 13.
3. B.P. Dwivedi, The Changing Dimensions of Personal Liberty in India (1998).
4. B.L. Hansaria, Right to Life and Liberty under the Constitution (1993).
5. S.G.B. Reddy, Judicial Activism in India, Ch.V(2001).
6. B.N. Kirpal et al, Supreme but not Infallible (2000).
7. S.K. Verma & Kusum, Fifty Years of the Supreme Court of India: Its Grasped Reach (2000).
8. Shilpa Jain, Right to life and Personal Liberty, (2017)

GROUP D - Consumer and Competition Law

Core Papers

Paper 1: General Principles of Consumer Law

4 Credits

Course Objective:

This course provides an outline about the general principles of consumer law. It gives more emphasis on various doctrines and principles which are applicable for the protection and promotion of interests of the consumers. It also gives emphasis on the rights of consumers.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level	
After completing the course, the students will be able to			
CO 1	Assess areas of research where these institutions fail to perform and provide necessary policy level suggestions.	Evaluation	
CO 2	Explain the background of various laws for the protection of consumers in its right perspective	Analysis	
CO 3	Write research papers in this area	Creation	

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	2	3	3
CO2	3	3	3	3	3

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CO3	3	3	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Contents:

Module I: Introduction

History and Development of Consumer Law: India, US and UK – Development of Consumer Movements in India, US and UK – Contributions of Consumer Movements- Protection of Consumers at International Level

Module II: Common Law

Protection of Consumers under Common Law – Caveat Emptor - Freedom of Contract – Standard form of Contract – Caveat Venditor – Consumer Protection under Law of Tort and Contract.

Module III: Rights of Consumers

Rights of Consumers – Protection of Rights under Consumer Law, Contract Law, Competition Law and Constitutional Law – Judicial Activism and Consumer Rights – Public Interest Litigation and Consumer Protections.

Module IV: Advertisements and E-Commerce

Consumer Protection and Control of Advertisements – Protection of Online Consumers – Relevant Provisions of Information Technology Act, 2000.

Module V: Unfair and Restrictive Trade Practices

Unfair and Restrictive Trade Practices and Law – Brief Overview of Consumer Protection Act, 2019 – Its Significance.

References:

1. Dr. J.N. Barowalia, *Commentary on the Consumer Protection Act*, Universal Law Publishing, New Delhi, (Fifth edition- 2012)
2. V K Agarwal, *Consumer Protection: Law and Practice*, Bharat Law House Publishers Distributors Pvt. Ltd , New Delhi, 6th Edn. -2008.
3. Iris Benohr, *EU Consumer Law and Human Rights*, OUP, 2013
4. Geraint G. Howells, I. Ramsay and Thomas Wilhelmsson, *Handbook of Research on International Consumer Law*, Edward Elgar Publishing, UK, 2010
5. Avtar Singh, *Law of Consumer Protection: Principles and Practice*, EBC, Lucknow, (4th Edn. – 2005)
6. Dr. Avtar Singh, *Consumer Protection Laws*, EBC, Lucknow, 2018
7. G. B. Reddy, *Law of Consumer Protection*, Hyderabad: Gogia Law Agency, 2014
8. Mamta Rao, *Public Utility Services under the Consumer Protection Act*, Deep and Deep Publications, New Delhi, 1998
9. V N Viswanathan, *Consumer Rights in Service Sector*, D. K. Agencies, New Delhi, 2008.

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10. Rifat Jan, Consumerism and Legal Protection of Consumers, Deep & Deep Publishers, New Delhi, 2007.
11. MM Nabi, et al, Consumer Rights and Protection in India, New Century Publications, 2015
12. D P Wadhwa & N L Rajah, The Law of Consumer Protection (Set of 2 Volumes), Lexis Nexis, 2017
13. Dr. H. K. Saharay, Text Book on Consumer Protection Law, Universal Law Publishing Co, 2017
14. P K Dutta, Consumerism and Consumer Protection in India: Law and Practice, Himalaya Publishing Co, 2015.

Paper 2: Quality Control and Professional Services

4 Credits

Course Objective:

This course provides an outline about the rules and principles applicable to quality control with respect to products and services. It also provides idea about various quality standards marks and related laws. Further this course provides an overview about the enforcement mechanisms in case of any substandard products and services.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level	
After completing the course, the students will be able to			
CO 1	Assess the various quality standard marks and related laws.	Evaluation	
CO 2	Appraise the scope of services and professional services under consumer law	Analysis	
CO 3	Solve problems relating to violation of Consumer Laws	Creation	

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	2	2	3	3
CO2	3	3	2	3	3
CO3	3	2	3	3	3

1-Slightly 2-Moderately 3-Substantially

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Course Contents:

Module I: Quality of Products

Product Quality under Common Law- Merchantable Quality – Satisfactory Quality – Implied Conditions and Warranties – The Sale of Goods Act, 1930 - Product Liability under National and International Law

Module II: Quality of Food and Drinks

Quality of Food and Drinks - The Food Safety and Standards Act, 2006 – Adulteration and Misbranding – IPC Provisions – Bureau of Indian Standards Act, 2016; Trade Marks Act, 1999 - Agricultural Produce (Grading and Marking) Act, 1937; Legal Metrology Act, 2009

Module III: Quality of Drugs and Pharmaceutical Products

Introduction - Central Drugs Standard Control Organization (CDSCO) - Drugs (Price Control) Order 1995 - The Drugs & Cosmetics Act, 1940 - The Drugs and Magic Remedies (Objectionable Advertisement) Act, 1954 - The Narcotic Drugs and Psychotropic Substances Act, 1985 - IPC Provisions

Module IV: Right against Hazardous Goods and Services

Introduction – Role of Indian Judiciary and Quality Control of products – Quality Control of Goods and Services under International Law - The International Organization for Standardization – Food and Agricultural Organization - Codex Alimentarius - The Agreement on the Application of Sanitary and Phytosanitary Measures (SPS Agreement) - The Agreement on Technical Barriers to Trade (TBT Agreement)

Module V: Services under Consumer Law

Introduction – Professional Services – Contract of Personal Service and Contract for Personal Service - Medical Profession and Consumer Protection – Medical Negligence- Deficiency in Medical Service - Liability of Doctors and Hospitals – Civil and Criminal Liabilities – Tort of Negligence - Legal Profession and Consumer Protection –Advocates Act, 1961 – Tort of Negligence

References:

1. Anoop K Kaushal, *Medical Negligence and Legal Remedies with Special Reference to Consumer Protection Law*, Universal Law Publishers Co.Pvt. Ltd., Delhi, 2008
2. A Nagarathna, *Medical Negligence and Patients Rights: An Analysis of Consumer Law imposing Liability for Medical Negligence*, Karnataka Institute For Law & Parliamentary Reform, Bangalore, 2009.
3. Avtar Singh, *Principles of Mercantile Law*, Eastern Book Company, 2011

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4. Vijay Malik, Elizabeth Verkey, *Law Relating to Drugs and Cosmetics*, Eastern Book Company, 2013
5. Dr. Lily Srivastava, *Law & Medicine*, Universal Law Publishers Co.Pvt. Ltd., Delhi, 2010
6. Dr. Avtar Singh, *Consumer Protection Laws*, EBC, Lucknow, 2018
7. G. B. Reddy, *Law of Consumer Protection*, Hyderabad: Gogia Law Agency, 2014
8. Mamta Rao, *Public Utility Services under the Consumer Protection Act*, Deep and Deep Publications, New Delhi, 1998
9. V N Viswanathan, *Consumer Rights in Service Sector*, D. K. Agencies, New Delhi, 2008.
10. Rifat Jan, *Consumerism and Legal Protection of Consumers*, Deep & Deep Publishers, New Delhi, 2007.
11. MM Nabi, et al, *Consumer Rights and Protection in India*, New Century Publications, 2015
12. D P Wadhwa & N L Rajah, *The Law of Consumer Protection (Set of 2 Volumes)*, Lexis Nexis, 2017
13. Dr. H. K. Saharay, *Text Book on Consumer Protection Law*, Universal Law Publishing Co, 2017
14. P K Dutta, *Consumerism and Consumer Protection in India: Law and Practice*, Himalaya Publishing Co, 2015.

Paper 3: Consumer Dispute Resolution

4 Credits

Course Objective:

This course discusses the idea who can be treated as a consumer under consumer protection laws and what are the parameters to be looked into for such identification. Further it discusses extensively about the dispute settlement mechanisms under consumer law against any consumer disputes.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level	
After completing the course, the students will be able to			
CO 1	Define the scope of the term consumer under the Consumer Protection Laws	Remember	
CO 2	Assess the law relating to establishment, powers and functions of various dispute resolution forums under consumer protection	Evaluation	

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	laws.	
CO 3	Appraise the procedures applicable to various dispute resolution forums and the remedies available from such forums.	Application

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	2	3	3
CO2	3	3	2	3	3
CO3	2	3	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Contents:

Module I: Consumer

Introduction - Meaning and Concept of Consumer – Consumer of Goods- Consumer of Service - Judicial Interpretations – Complainant – Compliant - Consumer Dispute

Module II: Agencies under Consumer Protection Act

Consumer Commissions – Composition, Powers and Functions – Central Consumer Protection Agency – Composition – Powers and Functions - Consumer Protection Councils – District, State and Central Councils

Module III: Procedures

Filing of Complaints – Procedures – Procedures in case of Products – Procedures in case of Products required testing - Procedures in case of Services – Remedies - Relation with other laws

Module IV: Appeals

Appeal against the orders of Commissions – Central Consumer Protection Authority - Reviews and Revision – Enforcement of Order – Penalty for Vexatious Complaints

Module V: Alternative Mechanisms for Settlement of Consumer Disputes

Settlement of Consumer Dispute through ADR Mechanisms – Self regulation- Ombudsman – Mediation - Arbitration and Conciliation- National Consumer Helpline - Any other relevant methods

References:

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1. Pushpa Girimaji, *Consumer Rights for Everyone*, Lenguin Books, New Delhi, 1999
2. Y.V. Rao, *Commentary on Consumer Protection Act, 1986*, Asia Law House, Hyderabad, 2009
3. Christopher Hodges, Iris Benöhr, Naomi Creutzfeldt-Band, *Consumer ADR in Europe*, Hart Publishing Ltd, UK, 2012
4. Dr. Avtar Singh, *Consumer Protection Laws*, EBC, Lucknow, 2018
5. G. B. Reddy, *Law of Consumer Protection*, Hyderabad: Gogia Law Agency, 2014
6. Mamta Rao, *Public Utility Services under the Consumer Protection Act*, Deep and Deep Publications, New Delhi, 1998
7. V N Viswanathan, *Consumer Rights in Service Sector*, D. K. Agencies, New Delhi, 2008.
8. Rifat Jan, *Consumerism and Legal Protection of Consumers*, Deep & Deep Publishers, New Delhi, 2007.
9. MM Nabi, et al, *Consumer Rights and Protection in India*, New Century Publications, 2015
10. Dr. H. K. Saharay, *Text Book on Consumer Protection Law*, Universal Law Publishing Co, 2017
11. P K Dutta, *Consumerism and Consumer Protection in India: Law and Practice*, Himalaya Publishing Co, 2015.

Paper 4: Competition Law

4 Credits

Course Objective:

This course provides an overview about the basic concepts and principles in competition law. It further discusses the core areas of competition law such as anti-competitive agreements, abuse of dominance and combinations. It also discusses the relationship between consumer law and competition law with respect to protection of consumers.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level
After completing the course, the students will be able to		
CO 1	Assess the scope and objectives of competition law in a country	Evaluation
CO 2	Articulate the law relating to regulation of anti-competitive agreements, abuse of dominance and combinations.	Application
CO 3	Examine the practices in the market and how to use legal mechanisms against such	Application

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	anti-competitive practices in market.	

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	2	2	3	3
CO2	3	3	2	3	3
CO3	3	3	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Contents:

Module I: Introduction

Introduction – Concept of Market- Different Types – Consumer and Customer - Competition – Concept, Meaning - Advantages - Models – History and Development of Competition Law - Schools of Competition Law

Module II: Regulation of Anti-Competitive Agreements

Agreements – Horizontal Agreements – vertical Agreements – AAEC - Per Se Illegal Rules – Rule of Reason – Exemptions – Cartels – Regulation of Anti-competitive Agreements – Role of CCI – procedures – Orders of CCI

Module IV: Regulation of Abuse of Dominance

Dominance in the Market – Relevant Market – Determination of Relevant Market - Tests and Criteria's – SSNIP Test – HMT Test – Abusive Practices - Predatory Pricing – Regulation of Abuse of Dominance – Role of CCI – Orders of CCI

Module V: Regulation of Combinations

Combinations – Merger – Acquisition – Amalgamation – Combinations under CCI – Threshold Limit – Pre - Notification – Exemptions - Regulation of Combinations – Role of CCI – Orders of CCI

Module V: Consumer and Competition

Introduction – Consumer under Consumer Protection Act and Competition Law – Role of Competition in Protection of Consumers – Major decisions of Supreme Court and CCI - Competition Advocacy - Concept- Advantages – Methods

References:

1. Mark Furse, *Competition Law of the EC and UK*, Oxford University Press, 6th Edn. – 2008

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SCHOOL OF LEGAL STUDIES

2. Maher M. Dabbah, EC and UK Competition Law: Commentary, Cases and Materials, Cambridge University Press, 2010
3. Piet Jan Slot and Angus Johnston, An Introduction to Competition Law, Oxford and Portland, Oregon, 2017
4. Jonathan Faull and Ali Nikpay, The EC Law of Competition, University Press, 2014
5. T. Ramappa, Competition Law in India, Oxford University Press, 2016
6. Sandra Marco Colino, Competition Law, OUP, 2014
7. Abir Roy, Competition Law in India, Wolters Kluwer International, 2016
8. Richard Whish, Competition Law, Lexis Nexis, UK, 2003
9. Srinivasan Parthasarathy, Competition Law in India, Wolters Kluwer, 2017
10. Vinod Dhall, Competition Law Today: Concepts, Issues, and the Law in Practice, OUP, 2019
11. Dr. Aneesh V. Pillai (ed.), Short Notes on Competition Law in India, Regal Publications, New Delhi, 2017

ELECTIVES

Paper 1: International and Comparative Competition Law

4 Credits

Course Objective:

This course provides an overview of competition law at international level. It further discuss in detail competition law framework in EU, UK and US. It also discusses the competition law framework of other Asian countries and well established jurisdictions.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level	
After completing the course, the students will be able to			
CO 1	Detect the various attempts at international level for the creation of an international competition law and its present position.	Evaluation	
CO 2	Compare the competition law framework at EU, UK and US	Understanding	
CO 3	Articulate the Competition law framework at different jurisdictions. This will enable the students to critically analyse the competition law framework in India.	Application	

COURSE ARTICULATION MATRIX

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	PO1	PO2	PO3	PO4	PO5
CO1	3	3	2	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Contents:

Module I: International Framework

Introduction – Competition Law and International Law – Rules and Principles developed by different international agencies such as OECD, WTO, UNCTAD and ICN

Module II: EU Perspective

Competition Law in EU – Anti-Competitive Agreements Article 101; 102 – UK Competition Law - Horizontal Agreements – vertical Agreements – AAEC - Per Se Illegal Rules – Rule of Reason – Exemptions – Cartels – Regulation of Anti-competitive Agreements – Regulation of Combinations

Module III: US Perspective

US Anti -Trust Law – Sherman Act, 1890 – Major Amendments in Sherman Act - Monopolization – Regulation of Monopolization – Regulation of Agreements – Regulation of Combinations

Module IV: Asian Perspectives

Regulation of Anticompetitive agreements, Abuse of Dominance and Combinations in Bangladesh – Regulation of Anticompetitive agreements, Abuse of Dominance and Combinations in Japan – Regulation of Anticompetitive agreements, Abuse of Dominance and Combinations in Thailand – Regulation of Anticompetitive agreements, Abuse of Dominance and Combinations in Indonesia

Module V: Enforcement of Competition Law

International Law Perspective - Civil and Criminal Enforcement - Public and Private Enforcement – Class Actions - Different countries such as Australia, Canada, New Zealand

References:

1. Eugene Buttigieg, *Competition Law: Safeguarding the Consumer Interest - A Comparative Analysis of US Antitrust Law and EC Competition Law*, Wolters Kluwer, 2009.
2. S.M. Dugar, *Commentary on MRTP Law, Competition Law & Consumer Protection Law* 4th Edn. - 2006, Wadhwa, Nagpur.

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3. Maher M. Dabbah, *International and Comparative Competition Law*, Cambridge University Press, 2010.
4. Taimoon Stewart, Julian Clarke and Susan Joeke, *Competition Law in Action: Experiences from developing countries*, Published by International Development Research Centre, May 2007.
5. Eleanor M. Fox, *The Competition Law of the European Union in Comparative Perspective: Cases and Materials*, Thomson Reuters business, New York, 2009
6. Roger Zäch, Andreas Heinemann, Andreas Kellerhals, *The Development of Competition Law: Global Perspectives*, Edward Elgar, 2010.
7. Anestis S. Papadopoulos, *The International Dimension of EU Competition Law and Policy*, Cambridge University Press, 2010.
8. Thomas M. J. Möllers, Andreas Heinemann, *The Enforcement of Competition Law in Europe*, Cambridge University Press, 2007.
9. Pradeep S. Mehta, *Evolution of Competition Laws and Their Enforcement*, Routledge, USA, 2012
10. K. J. Cseres, Katalin J. Cseres, Maarten-Pieter Schinkel, Floris O. W. Vogelaar, *Criminalization of Competition Law Enforcement*, Edward Elgar Publishing, 2006

Paper2: Contemporary Issues in Competition Law

4 Credits

Course Objective:

This course is intended to provide a deep understanding about the various emerging issues in competition law. Hence it discusses the issues such as conflict between Sectoral regulations, IPR framework, relevant market determination, Anti-dumping laws etc.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level	
After completing the course, the students will be able to			
CO 1	Assess the emerging issues in the Competition Law	Evaluation	
CO 2	Learn how to solve new and emerging issues in the field of competition law in an effective way.	Creation	
CO 3	Learn the skill of integrating the objectives of competition law with other laws existing in the country.	Application	

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5

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CO1	3	3	2	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Contents:

Module I: Sectoral Regulators and Competition Law

Introduction – Conflict with Sectoral Regulators – TRAI – SEBI – IRDA – Consumer Commission – Governmental Agencies

Module II: IPR and Competition Law

IPR Agreements and Competition – Practices of IP holders and its interference with market competition – Jurisdictional issues with IP Laws

Module III: Anti –Dumping and Competition Law

Dumping – Meaning – Regulation at international level – Indian law - Interference with Market Competition – Conflict between different laws

Module IV: Relevant Market Determination

Relevant Market Determination – Determination – Tests - Application of Per Se Illegal and Rule of Reason – Whistle Blower Practice and Leniency Programmes

Module V: Extra Territorial Jurisdiction

Extra Territorial Jurisdiction in Competition Law – International Law – US – EU and Indian Position

References:

1. D. Sokol, Ioannis Lianos, *The Global Limits of Competition Law*, Stanford University Press, USA, 2012
2. Gustavo Ghidini, *Intellectual Property and Competition Law: The Innovation Nexus*, Edward Elgar Publishing Inc., USA, 2006
3. Josef Drex, *Research Handbook on Intellectual Property and Competition Law*, Elgar Publishing Inc., USA, 2008.
4. Reem Anwar Ahmed Raslan, *Antidumping: A Developing Country Perspective*, Wolters Kluwer Law & Business, Netherlands, 2008
5. Martyn D. Taylor, *International Competition Law: A New Dimension for the WTO?*, Cambridge University Press, 2006
6. Maher M. Dabbah, *EC and UK Competition Law: Commentary, Cases and Materials*, Cambridge University Press, 2010
7. Piet Jan Slot and Angus Johnston, *An Introduction to Competition Law*, Oxford and Portland, Oregon, 2017
8. Jonathan Faull and Ali Nikpay, *The EC Law of Competition*, University Press, 2014

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9. T. Ramappa, Competition Law in India, Oxford University Press, 2016
10. Sandra Marco Colino, Competition Law, OUP, 2014
11. Abir Roy, Competition Law in India, Wolters Kluwer International, 2016
12. Richard Whish, Competition Law, Lexis Nexis, UK, 2003
13. Srinivasan Parthasarathy, Competition Law in India, Wolters Kluwer, 2017
14. Vinod Dhall, Competition Law Today: Concepts, Issues, and the Law in Practice, OUP, 2019
15. Dr. Aneesh V. Pillai (ed.), Short Notes on Competition Law in India, Regal Publications, New Delhi, 2017

Group E: Corporate Governance & Securities Law

Paper 1-Corporate Governance

(4 credits)

Course objective:

This course aims to equip the students with specialist knowledge about the law of conducting business in today's globalized society. It examines the major theories concerning the nature of corporations, the concerns driving corporate governance law and practice, and reform proposals. This way, the course helps in developing the necessary skillset to enhance the students' understanding of how the mechanisms, relations and process of corporations' impact the way they function and operate in a domestic and international context.

Course Outcomes(COs)		Bloom's Taxonomy Level
After completion of the course,the student will be able to:		
CO1	Understand the effectiveness of current corporate governance processes in setting and pursuing objectives, both nationally and internationally.	Understand
CO2	Explain the role, procedures and practices relating to a company's board of directors	Analyse
CO3	Explore the future possibilities and existing evidence for regional and global convergence of corporate governance practices and the ways in which this might evolve.	Evaluate
CO4	Deliver insights into major theories concerning the nature of corporations, and the concerns driving corporate governance law and practices.	Apply
CO5	Appreciate legal mechanisms for investor protection	Evaluate

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5

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SCHOOL OF LEGAL STUDIES

CO1	3	3	2	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	2	2	3	2
CO5	3	2	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Contents:

Module I: Introduction

Corporate governance – Different Systems of Corporate Governance – Shareholder and Stakeholder Theory of Corporate Governance –Convergence in Corporate Governance.

Module II: Corporate governance issues related to ownership pattern

Corporate governance issues in widely dispersed companies – Promoter dominated companies- Government companies- Small and medium enterprises- Startup companies.

Module III: Practical aspects of corporate governance

Rules of internal governance of corporations – nature of rules – memorandum and articles – Binding nature – Distribution of powers of corporate organs – BOD, General Meeting, and Key Managerial Personnel.

Module IV: The Role and Function of the Board

Board of Directors – Position of directors – Board Diversity - Powers and duties - Board Committees - Meetings– Remuneration – Removal of directors- Corporate Social Responsibility- ESG Integration in Governance.

Module V: Legal framework for investor protection

Investor Protection – Protection of minority shareholders against abuse of powers -Enforcement of corporate membership rights – Qualified membership rights and individual shareholder rights –Institutional Investors- Shareholder activism- Whistle Blowing.

Suggested Readings:

1. Gerner-Beuerle, Carsten, and Michael Schilling, 'Comparative Company Law', (Oxford University Press, 2019).
2. Harris, Jason R, 'Company Law: Theories, Principles and Applications', (LexisNexis Butterworths, 2015).
3. Gourevitch, Peter Alexis, and James Shinn, 'Political Power and Corporate Control: The New Global Politics of Corporate Governance', (Princeton University Press, 2005).

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SCHOOL OF LEGAL STUDIES

4. Yoshikawa, Toru, 'Asian Corporate Governance: Trends and Challenges', (Cambridge University Press, 2018).
5. Sjafjell, Beate, and Christopher M. Bruner, 'The Cambridge Handbook of Corporate Law, Corporate Governance and Sustainability', (Cambridge University Press, 2020).
6. Malecki, Catherine, 'Corporate Social Responsibility: Perspectives for Sustainable Corporate Governance', (Edward Elgar, 2018).
7. Idowu, Samuel and KiymetTuncaCaliyurt, 'Corporate Governance: An International Perspective', (Springer, 2014).
8. A.Ramaiya, A Guide to the Companies Act, Lexis Nexis 2015
9. Davies, P. L, 'Introduction to Company Law', (Oxford University Press, 2020).
10. Clarke, Thomas., 'Theories of Corporate Governance: The Philosophical Foundations of Corporate Governance', (Routledge, 2004).

PAPER 2-Law of Corporate Finance (4 Credits)

Course Objectives

The course deals with the law governing raising of finance by companies. It helps students to understand different kinds of securities issued by companies to raise capital. It aims to familiarise the regulatory controls over raising of finance and to analyse the legal provisions for ensuring protection of shareholders and creditors.

Course Outcomes(COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the rationale behind regulatory controls over raising of finance.	Understand
CO2	Analyse comparative risks involved in capital raising methods.	Analyse
CO3	Analyse regulatory controls over corporate financing.	Analyse
CO4	Appreciate the mechanisms for creditor protection	Evaluate

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3	2	3
CO2	3	3	2	3	3
CO3	3	2	3	3	3
CO4	3	3	2	3	2

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SCHOOL OF LEGAL STUDIES

1-Slightly 2-Moderately 3-Substantially

Course Content:

Module I: Introduction to Corporate Finance

Objectives of corporate finance –Time value of Money- Capital Budgeting - Management of cash flow- Role of Law in Corporate finance- Economics of Corporate Finance.

Module II: Funding Requirements

Investment & Funding Decisions-Share based Equity and non-sharebased Equity- Strategic Choices- Methods for raising capital.

Module III: Shares Capital

Regulatory Controls over other kinds of issue – Listing Requirements- Right issue – Bonus Issue– Preferential issue- Issue of Depository Receipts- Private placement - Qualified Institutional Placement-Institutional Investors.

Module IV: Debt Securities

Doctrine of Capital Maintenance- Creditor protection- Listing of Debt Securities - Law governing acceptance of deposits by companies -Deposit Insurance- Alternate Investment Funds.

Module V: Specific Issues

Acquisition Finance- Crowd funding – Alternate Investment Funds - Project Finance

Suggested Readings

1. Niamh Moloney, Oxford Handbook of Financial Regulation, OUP, 2014.
2. Veluvali and Parimala, Retail Investor in Focus, Springer, 2019.
3. Ellis Ferran, Principles of Corporate Finance Law, Oxford, 2014.
4. William Klein, Business Organisation and Finance: Legal and Economic Principles, Foundation Press, 2010
5. NehaBhuwania, Guide to Private Equity, Taxmann, 2014.
6. Donald H. Chew, Studies in International Corporate Financial System, Oxford 1997.
7. EillisFerran, Company Law and Corporate Finance, Oxford, 1999.
8. Frank.B. Cross & Robert A. Prentice- Law and Corporate Finance, Edward Elgar Publishing Limited-U.K, 2007.
9. Philip R. Wood, Law and Practice of International Finance-Regulation of International Finance, Sweet & Maxwell, 2007.
10. K Sekhar, Guide to SEBI Capital Issues, Debentures and Listing, Lexis Nexis.
11. Farrar, *Company Law*, Butterworths,1998.
12. Clive M.Schmithoff, *Palmer's Company Law*, Stevens and sons, London, 1987.

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SCHOOL OF LEGAL STUDIES

Course Objective

The course explores the law governing corporate restructuring in India. It intends to provide in-depth knowledge about corporate restructuring and the legal framework governing mergers, acquisitions and takeovers. To enables students to analyse the legal provisions for ensuring protection of shareholders during mergers, amalgamations and takeovers.

Course Outcomes(COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the legal provisions governing mergers, acquisitions and takeovers	Understand
CO2	Analyse the corporate governance issues, valuation, tax and labour law aspects in corporate restructuring.	Evaluate
CO3	Engage in transactional practice in mergers, acquisitions and takeovers.	Apply
CO4	Address the challenges in achieving integration post restructuring process	Analyse

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3	3	3
CO2	3	3	3	3	3
CO3	3	3	2	3	3
CO4	2	3	2	3	2

1-Slightly 2-Moderately 3-Substantially

Course Content:

Module I- Introduction

Corporate Re-organisations - Need for Corporate Restructuring-Organic and Inorganic modes of restructuring- Theories of Mergers and Acquisitions

Module II- Schemes of Arrangement and Compromise

Compromise, arrangements and amalgamations-Regulatory Framework-Judicial Control- Protection of minority shareholders.

Module III- Acquisitions and Takeovers

Takeover Regulations – Regulatory Controls–Open offer and disclosure thresholds-hostile takeovers.

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Module IV- Financing & Taxation Aspects

Financing of Takeovers-Leveraged buyouts- Tax Implications of mergers& amalgamations, Sale of an undertaking, Slump sale- Business transfer agreement, Share acquisitions.

Module V- Corporate Governance Aspects of Takeovers

Duties of directors and acquirers during takeovers-Due diligence- Protection of employees during takeovers- Post merger Integration.

References

1. UmakanthVarottil, Comparative Takeover Regulation, Cambridge, 2018.
2. Jennifer Payne, Schemes of Arrangement, Theory Structure and Operation, University of Oxford, 2014.
3. AthanasiosKoulouridas, The Law and Economics of Takeovers, Oxford and Portland, Oregon, 2008.
4. Roberto Romano (Ed), Foundations of Corporate Law, Oxford University Press, 2012.
5. Fred S Mc Chesney, Mergers and the Market for Corporate Control, Elgar Research Publications, 2011.
6. Dr J C Verma, Corporate Mergers and Takeovers, Bharat Law House, 2008.
7. Weinberg and Black, Takeovers and Mergers, Sweet and Maxwell, 1979.
8. Donald M. De Pamphilis, Mergers, Acquisitions, and Other Restructuring Activities, 7th edition, Academic Press
9. Robert F. Bruner, Applied Mergers and Acquisitions, Wiley
10. J.Fred Weston, Chung, Kwang S. and Hoag, Susan E., Mergers, Restructuring and Corporate Control, Prentice Hall, 1990.
11. CCH Master Guide to Mergers & Acquisitions in India – Tax and Regulation, Ernst & Young, Wolters Kluwer, 2015.
12. Sridharan & Pandian, Guide to Takeovers & Mergers- Complete Guide to Corporate Restructuring, Takeovers and Mergers, Amalgamation & Acquisitions, Lexis Nexis, 2010.

Paper 4- Securities Laws

4 credits

Learning Objectives

The primary objective of the course is to help students understand the features of different kinds of securities. It enumerates the functioning of securities market. It analyses the role of regulators in securities market. It helps the students in understanding the role and functioning of stock exchanges. It introduces various kinds of alternate investment funds available in the market.

Course Outcomes(COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the role of securities market in capital mobilisation.	Understand

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CO2	Analyse the law governing securities market.	Analyse
CO3	Evaluate role of securities intermediaries in trading of Securities	Evaluate
CO4	Analyse role of SEBI in protecting investors in securities market	

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	2	2	3	2
CO2	3	3	3	3	3
CO3	3	2	3	3	2
CO4	3	2	2	3	2

1-Slightly 2-Moderately 3-Substantially

Course Content

Module I- Introduction

Meaning of 'securities' - Kind of securities - Shares and debentures - Hybrid securities - Government securities-Depository Receipts- Need for securities market regulation- Securities Market and Economic growth-Securities market reforms- International organization of securities commissions (IOSCO)

Module II- Regulatory controls over Securities Market

Securities markets regulation- Jurisdiction, powers and functions of SEBI- Primary market-secondary market- Depositories- Dematerialisation- Stock Exchanges in International Financial Service Centres.

Module III- Securities Market Intermediaries

Securities market intermediaries- Regulatory controls- Stock exchanges- Corporatization and demutualization of Stock exchanges merchant bankers-credit rating agencies – Underwriters -share transfer agents-Clearing corporations, Credit Rating agencies-Self-regulatory organizations (SRO).

Module IV-Trading in Securities

Sale and Purchase of securities-Investor Protection- Role of SEBI- Redressal of grievances-Prohibition of fraudulent trade practices-Market Manipulation-Insider Trading.

Module V-Alternate Investment Funds

Mutual funds, venture capital funds, angel funds, collective investment schemes-

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Hedge Funds-Real Estate Investment funds-Private Equity.

Suggested Readings:

1. Raghvendra K. Singh and Shailendera K. Singh, Law and Regulation of Public Offering of Corporate Securities, Oxford, 2016.
2. Alok Verma and Karan Trehan, Investment Funds in India, Thomson Reuters, 2020.
3. Taxmanns, Securities Laws & Capital Markets, 2019.
4. Timothy Spangler, Law of Private Investment Funds, Oxford, 2018.
5. Dr. Sudhanshu Kumar & Alok Verma, Guide to Capital Market & Securities Law, Thomson Reuters, 2021
6. Kondaiah Jonnalagadda, *Securities Law*, Lexis Nexis, 2015.
7. Sumit Agrawal & Robin Baby, SEBI Act- A Legal Commentary, Taxmann, 2011.
8. Niamh Moloney, Oxford Handbook of Financial Regulation, OUP, 2014
9. Nicholas L. Georgakopoulos, *The Logic of Securities Law*, Cambridge, 2017.
10. Cumming & Johan, Venture Capital and Private Equity Contracting, Elsevier, 2013
11. Henry Conac & Gelter, *Global Securities Litigation and Enforcement*, Cambridge, 2019.
12. Jonathan Fisher, Law on Investor Protection, Sweet and Maxwell, 2003
13. Ajay Goel, *Capital Markets and Securities Laws*, Bharat Law House, 2015.
14. Neha Bhuvania, *Guide to Private Equity*, Taxmann, 2014.

ELECTIVE PAPERS

Paper 1-Law on Corporate Insolvency Resolution (4 Credits)

Course Objectives:

The course aims to enable the students to understand the law governing resolution of corporate insolvency. The course will help them examine the insolvency resolution process, the rights of creditors and debtors, the powers and functions of regulatory agencies & insolvency professionals. It will also introduce them to the issues in cross border insolvency. The course intends to cover the contemporary judicial and legal trends in this area.

Course Outcomes(COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the general principles relating to corporate insolvency.	Understand
CO2	Appreciate jurisprudence of corporate insolvency	Analyse
CO3	To critically analyse the legal framework governing insolvency	Analyse

COURSE ARTICULATION MATRIX

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SCHOOL OF LEGAL STUDIES

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	2	3	3
CO2	3	3	3	3	3
CO3	3	2	3	2	2

1-Slightly 2-Moderately 3-Substantially

Course Contents:

Module I: Introduction

Aims, objectives and policies of insolvency laws - Evolution of the law -Problem of Non-Performing assets- Constitutional perspectives of corporate insolvency resolution.

Module II: Corporate Insolvency Resolution

Corporate insolvency resolution process - Committee of creditors- Operational creditor & financial creditor -Resolution Process-Liquidation Process.

Module III: Administration and Distribution of Assets

Distribution of assets & Pari passu Principle- Undervalued transactions- Preference transactions- Extortionate credit transactions-Avoidance Proceedings- Fraudulent trading - Liability of delinquent directors and officers- Misfeasance proceedings.

Module IV: Cross Border Insolvency

Disposition of Foreign assets- Choice of Law- UNCITRAL Model law on Cross border insolvency- Centre of Main Interests [COMI]

Module V-Specific Issues

Entrepreneurship and Insolvency-Market for Distressed Assets- Group Insolvency- Pre-Pack arrangements

Suggested Readings:

1. Vanessa Finch, Corporate Insolvency Law: Perspectives and Principles, Cambridge,2017.
2. Fletcher, Ian F, The Law of Insolvency, Sweet & Maxwell, 2017.
3. Rebecca James Parry & others, Transaction Avoidance in Insolvencies, Oxford University Press,2018.
4. Reinhard Bork, Principles of Cross Border Insolvency Law, Intersentia, 2017.
5. Neil Hannan, Cross Border Insolvency-The Enactment and Interpretation of UNCITRAL Model, Law, Springer, 2017.
6. R.M.Goode, Principles of Corporate Insolvency Law Sweet and Maxwell, 2005.
7. Raghav Pandey, The Law of Corporate Insolvency, Thomson Reuters, 2021
8. A K Mittal, Insolvency & Bankruptcy Code: Law & Practice, EBC, 2021.

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SCHOOL OF LEGAL STUDIES

Paper 2- Law on Capital Markets (4 Credits)

Course Objectives:

The course aims to enable the students to understand the law governing capital markets. The course will help them analyse the trading process in stock markets, the rights and duties of parties and the powers and functions of regulatory authorities. The course intends to cover the contemporary judicial and legal trends in this area.

Course Outcomes(COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the regulatory objectives behind capital market regulation.	Understand
CO2	Analyse the legal framework on capital market regulation.	Analysis
CO3	Appreciate role of Capital market intermediaries	Analysis

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Contents:

Module I: Introduction

Meaning of Capital Market-Trading in Capital market-Historical Perspectives-Evolution of Capital Market in India- Primary and Secondary market.

Module II- Administration of Capital Market

Organisation of Stock Exchanges- Company form of Business-Division of Trading Rights and Administration of Stock Exchanges- SEBI Control over Stock Exchange.

Module III- Capital Market Intermediaries

Operation of Stock Market-Stock Brokers-Powers and Sanctions-Regulation over their functioning- Retail sale of Securities-SEBI controls-Stock brokers and other Market operators.

Module IV-Controls against Market Manipulation

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Protection against abuses in Stock Markets-insider trading regulations-Control over Take over mergers and amalgamation of Companies.

Module V-Convergence in Capital market Regulation

International Standards- International organization of securities commissions (IOSCO)- Disclosure Regulations-Comparative study of regulation of capital markets.

Suggested Readings

1. Raghvendra K. Singh and Shailendera K. Singh, Law and Regulation of Public Offering of Corporate Securities, Oxford, 2016.
2. Alok Verma and Karan Trehan, Investment Funds in India, Thomson Reuters, 2020.
3. Taxmanns, Securities Laws & Capital Markets, 2019.
4. Timothy Spangler, Law of Private Investment Funds, Oxford, 2018.
5. K Sekhar, Guide to SEBI, Capital Issues, Debentures & Listing, LexisNexis, 2017
6. Kondaiah Jonnalagadda, *Securities Law*, Lexis Nexis, 2015.
7. Sumit Agrawal & Robin Baby, SEBI Act- A Legal Commentary, Taxmann, 2011.
8. Niamh Moloney, Oxford Handbook of Financial Regulation, OUP, 2014
9. Nicholas L. Georgakopoulos, *The Logic of Securities Law*, Cambridge, 2017.
10. Cumming & Johan, Venture Capital and Private Equity Contracting, Elsevier, 2013
11. Henry Conac & Gelter, *Global Securities Litigation and Enforcement*, Cambridge, 2019.
12. Jonathan Fisher, Law on Investor Protection, Sweet and Maxwell, 2003
13. Ajay Goel, *Capital Markets and Securities Laws*, Bharat Law House, 2015.

Paper-3 Law of Securities Intermediaries (4 Credits)

Course Objectives:

The course aims to enable the students to understand the law governing securities market intermediaries. The course will help them analyse the functions and duties of various securities intermediaries. The course intends to cover the contemporary judicial and legal trends in this area.

Course Outcomes(COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the regulatory objectives behind intermediaries regulation	Understand
CO2	Appreciate the functions of securities intermediaries.	Evaluate
CO3	Analyse the legal provisions intermediaries regulation.	Analyse

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SCHOOL OF LEGAL STUDIES

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	2	3
CO2	3	2	3	3	3
CO3	3	3	2	3	2

1-Slightly 2-Moderately 3-Substantially

Course Contents:

Module I: Introduction

Securities Intermediaries- Different Classes of Securities intermediaries- Merchant Bankers- Port Folio Managers- Custodian of Securities- Registrar to the issue- Stock brokers and others.

Module II: Control over Securities Intermediaries

Scheme of Control over Securities Intermediaries- Role of SEBI

Module III-Merchant Bankers

Law relating to Merchant Bankers- Organisation of Merchant Banking- their function, powers – Control by Reserve Bank-Duties and Liabilities- Lead Bankers.

Module IV-Port Folio Managers

Registrar to the Issue-Portfolio Managers-Conditions for Registration-Duties.

Module V-Custodian of Securities

Custodian of Securities- Duties-Control by SEBI-Depositories-Control over their functioning.

Suggested Readings:

1. Kondaiah Jonnalagadda, *Securities Law*, Lexis Nexis, 2015.
2. Sumit Agrawal & Robin Baby, *SEBI Act- A Legal Commentary*, Taxmann, 2011.
3. Niamh Moloney, *Oxford Handbook of Financial Regulation*, OUP, 2014
4. Nicholas L. Georgakopoulos, *The Logic of Securities Law*, Cambridge, 2017.
5. Cumming & Johan, *Venture Capital and Private Equity Contracting*, Elsevier, 2013
6. Henry Conac & Gelter, *Global Securities Litigation and Enforcement*, Cambridge, 2019.
7. Jonathan Fisher, *Law on Investor Protection*, Sweet and Maxwell, 2003
8. Ajay Goel, *Capital Markets and Securities Laws*, Bharat Law House, 2015.
9. Neha Bhawania, *Guide to Private Equity*, Taxmann, 2014.

Paper 4- Law on Mutual Funds and Collective Investment Schemes (4 Credits)

Course Objectives:

The course aims to enable the students to understand the law governing mutual funds and collective investment schemes. The course will help the students to analyse the regulatory controls over mutual funds and collective investment schemes. The course intends to cover the contemporary judicial and legal trends in this area.

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Course Outcomes(COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the operation and administration of Mutual Funds and Collective Investment Schemes	Understand
CO2	Analyse the regulatory controls over MF & CIS.	Analyse
CO3	Evaluate investor Protection mechanisms	Evaluation

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3	3	3
CO2	3	3	3	3	3
CO3	3	3	2	3	3

1-Slightly 2-Moderately 3-Substantially

Course Contents:

Module I: Introduction

Meaning of Mutual Funds and Collective Investment Schemes- Scheme of Controls- Role of RBI and SEBI

Module II- Regulatory Controls

Controls over Mutual Funds& CIS -Advertisement by Mutual Funds-Valuating of securities- Investment in foreign Securities- trading in derivatives by mutual funds- Investor Protection.

Module III-Administration of Mutual Funds

Asset Management Companies and Mutual fund trustees-Disclosure requirements.

Module IV- Administration of CIS

Collective Investment management Company-Business activities and obligations-powers and functions of trustees-schemes- Control over Collective Investment schemes.

Module V-Venture Capital Funds

Controls over Venture Capital Funds-Investment conditions-obligations and responsibilities-Producer companies.

Suggested Readings

1. Cumming & Johan, Venture Capital and Private Equity Contracting, Elsevier, 2013

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2. Henry Conac&Gelter, *Global Securities Litigation and Enforcement*, Cambridge, 2019.
3. Jonathan Fisher, *Law on Investor Protection*, Sweet and Maxwell, 2003
4. Ajay Goel, *Capital Markets and Securities Laws*, Bharat Law House, 2015.
5. NehaBhuwania, *Guide to Private Equity*, Taxmann, 2014.
6. KondaiahJonnalagadda, *Securities Law*, Lexis Nexis, 2015.
7. Sumit Agrawal & Robin Baby, *SEBI Act- A Legal Commentary*, Taxmann, 2011.
8. Niamh Moloney, *Oxford Handbook of Financial Regulation*, OUP, 2014
9. Nicholas L. Georgakopoulos, *The Logic of Securities Law*, Cambridge, 2017.
10. Dragneva, *Investor Protection in the CIS*, Martinus Publishers, 2007.

Paper5- Investor Protection Laws (4 Credits)

Course Objectives:

The course aims to enable the students to understand the legal mechanisms for protecting the interests of shareholders and creditors. The course will help them analyse the role of disclosure requirements and administrative controls in ensuring investor protection. The course intends to cover the contemporary judicial and legal trends in this area.

Course Outcomes(COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand various categories of investors and their rights.	Understand
CO2	critically analyse the legal provisions for protecting interests of investors	Evaluate
CO3	examine role of financial gatekeepers in protecting investors	Analyse

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3	3	2
CO2	2	2	3	3	2
CO3	3	3	2	3	2

1-Slightly 2-Moderately 3-Substantially

Course Contents:

Module I: Introduction

Types of shareholders-Retail Investors, Institutional Investors-Protection of equity holders during issue of shares-private placement-Initial Public Offer-Right issues.

Module II-Protection of Shareholders

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Shareholder protection by exercise of corporate shareholder rights-meeting-quorum-Decision Making-right to vote-Qualified Minority Rights and individual share holder rights- Derivative actions-Shareholder protection during take overs.

Module III-Creditor Protection

Creditor protection by Disclosure regulations-Creditor protection by Administrative Regulations- Controls through inspection and investigation-Creditor protection during insolvency.

Module IV- Investor Protection through Financial Gatekeepers

Auditors- Credit Rating Agencies- Liability

Module V-Directors Liability for abuse of power

Civil Liability, Criminal liability- Officer-in -default-Corporate Liability

Suggested Readings

1. Sumit Agrawal & Robin Baby, SEBI Act- A Legal Commentary, Taxmann, 2011.
2. Niamh Moloney, Oxford Handbook of Financial Regulation, OUP, 2014
3. Nicholas L. Georgakopoulos, *The Logic of Securities Law*, Cambridge, 2017.
4. Kondaiah Jonnalagadda, *Securities Law*, Lexis Nexis, 2015.
5. Funchita&Litan, Financial Gatekeepers, Brookings Press, 2006
6. Jonathan Fisher, Law on Investor Protection, Sweet and Maxwell, 2003

Paper6- Disclosure Regulations under Company Law (4 Credits)

Course Objectives

The course aims to enable the students to understand the role of disclosure regulations in ensuring transparency and accountability in corporate transactions. The course will help the students to analyse the initial, continuous and event-based disclosure obligations of companies. The course intends to cover the contemporary judicial and legal trends in this area.

Course Outcomes(COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the regulatory objectives behind disclosure requirements	Understand
CO2	analyse the legal provisions and case laws on disclosure regulations.	Analyse
CO3	Analyse the scheme for enforcement of disclosure regulations	Analyse

COURSE ARTICULATION MATRIX

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SCHOOL OF LEGAL STUDIES

	PO1	PO2	PO3	PO4	PO5
CO1	2	3	3	2	3
CO2	2	3	2	3	2
CO3	3	3	2	3	2

1-Slightly 2-Moderately 3-Substantially

Course Contents:

Module 1: Introduction

Purpose of Disclosure Regulation-Investor Protection -Sources of disclosure regulations-Comparative Disclosure regulations.

Module 2- Initial Disclosures and Continuous Disclosures

Disclosure in Company Documents-MOA/AOA-Public Documents- Disclosure in advertisements-Prospectus-Liability- Disclosure in Financial Statements- Directors Reports.

Module 3- Event Based Disclosures

Related Party Transactions- Disclosures during reduction of capital, buyback, takeovers.

Module 4- Disclosures during Listing of Securities

Financial & Non-Financial Disclosures-Materiality of Disclosures

Module 5- Enforcement of Disclosure Obligations

Civil and Criminal Liability-Enforcement by Merchant bankers and Stock Exchange.

Suggested Readings

1. Raghvendra K. Singh and Shailendra K. Singh, Law and Regulation of Public Offering of Corporate Securities, Oxford, 2016.
2. A.Ramaiya, A Guide to the Companies Act, Lexis Nexis 2015
3. Davies, 'Introduction to Company Law', (Oxford University Press, 2020).
4. T.P. Gosh, *Accounting Standards and Corporate Accounting Practice*, Taxman, Delhi.
5. Palmer, *Company Law*, Stevens & Sons, London.

GROUP F: CRIMINAL LAW

Paper 1. General Principles of Criminal Law

4 Credits

Course objectives

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The course will enable the students to understand the general principles of Criminal Law as to what acts or omissions amount to crime, when and why. It will also enable them to understand the extent of involvement of mind and body in the commission of crime-which will explain why certain acts are exempted as justifications and excuses.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level
After completing the course, the students will be able to		
CO 1	Build a jurisprudential and analytical mind	Creation
CO 2	Build interest in reading a lot of articles and books written by eminent authors whose deep analysis about the concept of <i>actus reus</i> and <i>mens rea</i> , the justifications of excuse, the different theories related to attempts and commission will enrich the students about the general principles of criminal law.	Creation
CO 3	Build a conceptual clarity as to the concept of mental as well as physical elements involved in a crime. They will also come to know the lack of clarity in the judgments relating to various concepts of Criminal Law which will in turn help them to be good teachers, Advocates and Judges.	Creation
CO 4	Read a lot of judgments in the area of <i>mens rea</i> , <i>actus reus</i> and general exceptions which will enable them to get the problems exist in these areas and also to judge the extent to which these principles are applied by the Courts.	Application
CO 5	Be interested in writing articles and case comments.	Creation

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	2	3	3	3	3
CO2	3	2	2	3	3

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CO3	3	3	3	3	3
CO4	3	2	3	2	3
CO5	2	3	2	3	2

1-Slightly 2-Moderately 3-Substantially

Course contents

- Module I:** *Mens rea* – Mental element – intention, recklessness, negligence – transferred malice-Joint responsibility – vicarious responsibility-corporate responsibility- Exclusion of mens rea –Statutory crimes- judicial decisions- comparison continental and common law positions
- Module II: Inchoate Crimes – attempt, abetment – conspiracy-judicial decisions- judicial decisions- comparison continental and common law positions
- Module III: General exceptions of criminal responsibility – excuses and justifications- General defences – Right of private defense – necessity – accident defense of superior orders – executive and judicial acts – consent - judicial decisions- comparison continental and common law positions
- Module IV: Defense of mistake of fact – mistake of law – ignorance of law – infancy, insanity – alcoholic insanity- judicial decisions- comparison continental and common law positions
- Module V: Principles of legality – presumption of innocent – burden of proof – protection against self – incrimination – *Autrefois acquit* and *Autrefois convict*- judicial decisions- comparison continental and common law positions.

Suggested Readings:

1. Glanville Willams - Text Book of Criminal Law
2. Glanville Willams - Criminal Law - General Part
3. Jerome Hall - General Principles of Criminal Law
4. R. C. Nigam - Law of Crimes in India Vol. I
5. Kenny - Outlines of Criminal Law
6. Cross and Jones - Cases on Criminal Law
7. George Fletcher - Rethinking Criminal Law
8. Russel - Crime Vols. I & II
9. Edwards - Mens Rea in Statutory offences
10. P.R. Glazebrook (Ed.) - Reshaping the Criminal Law
11. Collin, Howard - Strict Responsibility
12. Law Commission - 42nd Report and the 14th Report (Vol. II)
13. Smith & Hogen - Criminal Law
14. Card, Cross and Jones - Criminal Law (1992)

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15. Dr.K.N. Chandrasekharan Pillai - General Principles of Criminal Law (2020)

PaperII. Criminology

4 Credits

Course Objectives

The course will enable the students to understand the reasons for criminal behaviour from different perspectives. This course will also give them a deep insight into the work of great authors like Lambroso, Baccaria, Bentham, Sutherland, Freud and Karl Marx.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level	
After completing the course, the students will be able to			
CO 1	Build interest in jurisprudential aspects of criminology	Creation	
CO 2	Use the theory while arguing in Courts as advocates, or during sentencing a criminal as a judge.	Evaluation	
CO 3	Device various reasons for commission of crime for which they will read materials relating to all the Schools of Criminology	Creation	
CO 4	.The students will be able to link the reasons for pre-sentence hearing, probation, commutation, remission of punishments etc. with the background of the criminal.	Analysis	
CO 5	The students will build interest to become good teachers, judges and advocates.	Creation	

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	2	3	2	3	3
CO2	3	2	2	3	3
CO3	3	3	3	3	3
CO4	3	3	3	2	3
CO5	2	3	2	3	2

1-Slightly 2-Moderately 3-Substantially

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Course contents:

- Module I** History and importance of Criminology- Demonological explanations of Crime causation-Classical School and freewill theory-Neoclassical School-Baccaria's and Bentham's contribution in explaining criminal behaviour.
- Module II** Positive School of Criminology-Lambrosian theory-biological determinism-psychological determinism-genetic determinism and causation of crime.
- Module III** Sociological explanations of crime causation- Sutherland's differential association theory.
- Module IV** Reudian school of criminology-psychological school of criminology-Marxian approach and economic determinism in explaining criminal behavior.
- Module V** Social institutions and crime – Role of family, School, Religion – Mass media-Politics and crime – Drugs addiction and trafficking –Terrorism and crime – causes.

References:

1. Robert G Caldwell, Criminology, New York Ronald Press 1956
2. Vernon Fox, Introduction to Criminology, New Jersey Prentice-Hall 1976
3. Jones Stephen, Criminology, New York Oxford 2006
4. Ahamad Siddique, Criminology Problems and Perspectives, Lucknow Eastern Book 2005
5. Sutherland, Edwin Hardin Cressey *et al*, Criminology, New York Lippincott 1978
6. Paul Tappan, Crime Justice and Correction, New York McGraw-Hill 1960
7. Barnes, Harry Elmer Teeters *et al*, New Horizons in Criminology, New Delhi Prentice-Hall of India 1966
8. Katherine Williams, Textbook on Criminology, Oxford Oxford University Press 2008

Paper III. Penology

4 Credits

Course Objective

The students will be able to have a vivid account about the theories relating to punishment. This will also enable them to understand the alternative to punishment and absence of punishment in some cases. They will also be able to understand how the discretion given to the judges in sentencing is used by them and what are the factors that weigh in their minds while awarding punishments. They will also find out whether the introduction of very high minimum sentences in some statutes have been considered as good or bad by the judges.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)	Bloom's Level	Taxonomy
After completing the course, the students will be able		

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to		
CO 1	Build aptitude towards appreciating theories.	Creation
CO 2	Be critical about the role of victims in an accusatorial system.	Evaluation
CO 3	Build interest in reading all important case laws in various statutes to get to know the sentencing policy.	Creation
CO 4	Enrich their understanding about the use of judicial discretion in sentencing	Creation
CO 5	Build interest in reading the prison rules and manuals with a different perspective to find out what happens to the punishment awarded while a person starts serving the punishment	Creation
CO 6	Build interest in becoming good judges, teachers, academicians and lawyers.	Creation

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	2	3	3	3	3
CO2	3	2	2	3	3
CO3	3	3	3	3	3
CO4	3	2	3	2	3
CO5	2	3	2	3	2
CO6	3	3	3	2	3

1-Slightly 2-Moderately 3-Substantially

Course contents

Module I Theories of punishments-deterrent theory-retributive theory-rehabilitative theory- case laws

Module II Introduction to sentencing- available sentences-penal policy reflected under statutes- Prevention of Corruption Act, SC/ST (Prevention of Atrocities) Act, Protection of Children from Sexual Offences Act, Narcotic Drugs and Psychotropic Substances Act- capital punishment-limitations on punishment-principles of proportionality

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- Module II** Indeterminate sentencing-individualisation of punishment. sentencing policy- Pre-sentence reports-pre-sentence hearing- role of the victim in sentencing- Young offenders- Young adult offenders- Mentally disordered offenders.
- Module IV** Alternates to punishment-absolute discharge-admonition- Conditional discharges and bind-overs-probation-community service
- Module V** Prisons-prison systems-prison reform-rights of prisoners-release on licence-parole and furlough-clemency power-contribution of the judiciary.

References

1. Richard Korn, R McCorkle et al, Criminology and Penology, New York Holt, Rinehart and Winston 1964
2. Paul Tappan, Crime Justice and Correction, New York McGraw-Hill 1960
3. David Scot, Penology, N.Delhi Sage Publications 2008
4. Andrew Ashworth, Sentencing and Penal Policy, London Weidenfeld and Nicolson 1983
5. Barbara Wooton, Crime and Penal Policy, London George Allan and Unwin 1978
6. Thomas G. Blomberg, American Penology A history of Control, 2017.
7. Ralph Henham, Sentencing Policy and Social Justice, 2018
8. Mrinal Satish, Discretion, Discrimination and Rule of Law, Reforming rape sentencing in India, 2017
9. Mahendra K.Sharma, Minimum sentencing for offences in India Law and Policy, 1996.
10. P.Prathapan, Mahatma Gandhi on Prison reforms, 2015.

Paper IV. Comparative Criminal Procedure (India, England, U.S., France) 4 Credits

Course Objective

The objective of the course is to give the students a deep understanding about the procedures involved in the criminal justice system. It is also aimed at giving them an insight into the valuable rights of the accused during these procedures, to examine whether these are fair just and reasonable procedures as envisaged under Article 21 of the Constitution of India. . This will also give the students an idea as to what are the powers of the state during various criminal procedure such as investigation and trial as against the liberty of the citizen. The position in continental and common law countries are examined at every stage, to give the students a global outlook about the same.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)	Bloom's Taxonomy Level
After completing the course, the students will be able	

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to		
CO 1	To be critical at the entire Code of Criminal Procedure from the perspective of fundamental rights.	Evaluation
CO 2	Correlate at whether the procedures in the Code are fair just and reasonable.	Analysis
CO 3	They will develop interest in reading a lot of case laws to understand the dimensions given by judiciary to various rights of the accused in the continental as well as common law systems	Creation
CO 4	The understanding of the rights of the accused will give them a different perspective about the procedures in the Code of Criminal Procedure which will help them to implement them while being judges, teachers, prosecutors and advocates.	Application
CO 5	. The students will develop a critical looking at the various process involved in trial as a facet of concept of justice to the accused, the victim and to the society at large.	Creation

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	2	3	3	3	3
CO2	3	3	2	3	3
CO3	3	3	2	3	3
CO4	3	2	3	2	3
CO5	2	3	2	3	3

1-Slightly 2-Moderately 3-Substantially

Course Contents

- Module I-** Various levels of courts-special court systems-courts for children-powers and functions of courts-Judges – methods of recruitment and training-value inculcations in judges-the common law system in comparison with continental system- compare positions in India with England, U.S. and France.
- Module II-** Investigation- agencies-police organisation and powers-arrest-constitutional and human rights dimensions-case laws-Search and seizure-bail and custody

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decision- Rights of the accused-legal framework-contribution of the judiciary- the common law system in comparison with continental system- compare positions in India with England, U.S. and France..

Module III- Police interrogation-judicial norms-Miranda rule-Judges rules-position in Indian Law-Control of investigation-role of courts in investigation-comparison with continental system-role of prosecutors in investigation-prosecutorial discretion and control thereof- Decision to charge-role of police-prosecutor and the courts- Role of victims in crime investigation- emerging trends-legal framework-Contribution of judiciary- the common law system in comparison with continental system- compare positions in India with England, U.S. and France.

Module IV- Trial- Prosecutors and their role--recruitment and training of prosecutors-withdrawal of prosecution-control by judges-scope and limitation- Defence lawyer and importance of his position in criminal trial- rights of the accused and its safeguard in trial process- the common law system in comparison with continental system- compare positions in India with England, U.S. and France.

Module V- Various methods of trial-accusatorial trial in comparison with inquisitorial trial. Roles played by various agencies such as court, prosecutor and the defence lawyer in trial process-Victims-victim compensation-victim protection-role of victim in prosecution-contribution of the judiciary - the common law system in comparison with continental system- compare positions in India with England, U.S. and France

References

1. K N Chandrasekharan Pillai, R V Kelkars Criminal procedure Code, Lucknow Eastern Book Company 2021
2. Jerome Hall, Cases and Readings on Criminal Law and Procedure, USA Bobbs-Merrill 1968
3. Saarah J Summers, Fair trials the European Criminal procedural tradition and the European court of human rights, Oxford Hart Publishing 2007
4. Andrew Ashworth, Human Rights, Serious Crime and Criminal Procedure, London Sweet & Maxwell 2002
5. Peterr J. Van Koppen, Comparative Criminal Justice Systems, 2013
6. Karolina Kremens, Powers of the Prosecutor in Criminal Investigation, 2021
7. Krestin Braun, Victim's participation rights Variation across Criminal Justice Systems, 2019.

ELECTIVE PAPERS

Paper I. Juvenile Justice

4 Credits

Course objectives:

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This course is aimed at giving a pristine outline of the concept of juvenile justice which means the treatment meted out to children alleged to have committed offences. The international Human Rights Law has taken the lead in this matter through the Convention on the Rights of the Child (CRC) following which countries including India has made legislations for the protection children in conflict with law. The aim of this paper is to introduce the legal framework in India, U.K., U.S., Canada and Australia regarding the juvenile in conflict with law. The aim of the course is also to give them an exercise to find out the influence of CRC in the world countries in this matter.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level	
After completing the course, the students will be able to			
CO 1	Outline the history of juvenile justice worldwide	Remembering	
CO 2	Build interest in knowing the legal position in all the countries apart from those which are included here	Creation	
CO 3	Be able to execute these laws while adorning positions in the Juvenile Justice Board, Children's Commission etc.	Application	
CO 4	Build interest in becoming good judges, advocates and teachers	Creation	
CO 5	Be able to implement these by working with NGOs, , and in the United Nations.	Application	

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	2	3	3	3	3
CO2	3	2	2	3	3
CO3	3	3	3	3	3
CO4	3	2	3	2	3
CO5	2	3	2	3	2

1-Slightly 2-Moderately 3-Substantially

Course Contents:

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- Module I-** Concept of juvenile justice- History of juvenile justice in the United Kingdom, the United States and Continental Europe and the Indian situation.
- Module II-** Causes of juvenile delinquency- theories of juvenile delinquency-Role of family, school and religion.
- Module III-** Juvenile justice and the Human Rights perspectives- Convention on the Rights of the Child- juveniles alleged to have committed offences-Guidelines-General comments- Beijing Rules.
- Module IV-** Juvenile in conflict with law and legislative frameworks in India- Definition of child who are covered under the legislations- relevant age- case laws-comparison with U.K., U.S.,Canada and Australia
- Module V-** Procedure regarding child in conflict with law- categorization of offences-heinous offences- procedure before the Juvenile Justice Board and children's court- comparison with U.K., U.S.,Canada and Australia

References

1. Ved Kumari, The Juvenile Justice System in India: From welfare to rights, 2010
2. G.S. Bajpai, Juvenile Justice Impact and Implementation in India, 2019.
3. Vaishali Rathore, An insight into Indian juvenile justice system, 2019.
4. Laary J. Siegel, Juvenile Delinquency, Theory Practice and Law, 2017
5. Routledge International Handbook of Children's Rights Studies, 2015.

Paper II. Socio –economic Offences and the Criminal Justice Process 4 Credits

Course objectives

The objective of this course is to give a clear picture as to the set of offences called the socio economic offences, of which the white collar crimes form a part. The course gives the students a clear idea about the drastic steps taken by the legislature in the area of socio economic offences through various legislations. The course also is intended to make the students understand how much of the intention of the legislature to ensure conviction is carried out by the judiciary.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level	
After completing the course, the students will be able to			
CO 1	Build interest in reading all the important case laws under the legislations dealing with socio economic offences	Creation	
CO 2	Assess the sentencing pattern of courts in general	Evaluation	

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CO 3	Critical about the various drastic changes introduced in the socio economic legislations and the outcome of the same and thus will develop original thoughts	Evaluation
CO 4	Distinguish between accusatorial and inquisitorial systems and their application in the socio economic legislations	Analysis
CO 5	Critically think of the need for balancing the rights of the accused with that of the rights of the victims.	Evaluate

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	2	3	3	3	3
CO2	3	2	2	3	3
CO3	3	3	3	3	3
CO4	3	2	3	2	3
CO5	2	3	2	3	2

1-Slightly 2-Moderately 3-Substantially

Course Contents

- Module I-** Concept of socio-economic offences and white collar offences –Cause and growth of socio-economic offences and white collar crimes- law commission reports.
- Module II-** Corruption related offences-food adulteration-smuggling-drug offences-offences relating to foreign exchange- relevant legislations- case laws
- Module III-** Investigation, special machinery for investigation of socio-economic offences-deviation from the reformatory and other measures- justifications.
- Module IV-** Trial and punishment of socio-economic offences - special rules of evidence and treatment- presumption of guilt and burden of proof- minimum sentence-case laws
- Module V-** sentencing policy under the NDPS Act, Prevention of Corruption Act, etc.- use of discretion by the judges- whether the desired objectives are achieved-prevention of socio economic offences- role of mass media, judiciary and social organisations.

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Suggested Readings

1. Edwin Hardin Sutherland, White Collar Crime The Uncut version (1983)
2. Manish Mahajan, Socio Economic Offences Laws (2011)
3. Balsing Rajput, Cyber Economic Crime in India An Integrated Model for Prevention and Investigation (2020)
4. Michael L.Benson, White Collar Crime An opportunity Perspective, 2017
5. Santhanam Committee Report (1963)
6. 29th Report of the Law Commission
7. 47th Report of the Law Commission
8. Prevention of Corruption Act 1988
9. Food Safety Act,
10. Customs Act
11. Foreign Exchange Management Act

Paper III. Forensic Science and the Law of Evidence

4 Credits

Course objectives

The objective of this course is to initiate the students to a very vital area of scientific evidences collected during investigation and their admissibility in court. This course will also enable the students to understand the different fundamental rights that come into play during the collection of these evidences, such as right against self-incrimination, right to privacy, right against torture etc. This course is also aimed at examining the admissibility of various expert opinions in the court. This course also is aimed at comparing the position of forensic science in the continental as well as common law countries.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level	
After completing the course, the students will be able to			
CO 1	Appraise the importance of science in criminal investigation and trials	Analysis	
CO 2	Test how the various systems like common law systems and the continental systems react to such evidences	Evaluation	
CO 3	Explain the scientific aspects involved in crimes and their importance	Analysis	
CO 4	Build interest in becoming good criminal lawyers and judges	Creation	

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CO 5	Build interest in becoming good academicians and teachers	Creation

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	2	3	3	3	3
CO2	3	3	2	3	3
CO3	3	3	3	3	3
CO4	3	2	3	2	3
CO5	2	3	3	3	2

1-Slightly 2-Moderately 3-Substantially

Course contents:

- Module I: Forensic science –Definition- importance and Basic principles- use of forensic science in accusatorial and inquisitorial systems.
- Module II: Collection of evidence – Role of Forensic science- blood samples, DNA, other body fluids- right against self incrimination and collection of scientific evidence- case laws- comparison continental and common law positions
- Module III: Evidentiary value of pieces of evidence collected by way of scientific experiments – relevant legislations- case laws- comparison continental and common law positions
- Module IV: Polygraph test , brain mapping, narco analysis and tape recorded materials - relevance in criminal investigation- case laws- comparison continental and common law positions
- Module V: Statutory recognition of evidence collected by way of scientific methods- expert witnesses and reliance by Courts- case laws- comparison continental and common law positions

References

1. J..K. Sinha, Forensic Investigation of Unusual Firearms
2. Ballistic and Medico-Legal Evidence
3. Eoghan Casey, Handbook of Digital forensics and Investigation
4. Norman Ansley, Admissibility of polygraph evidence in civil and criminal cases
5. Fred Edward Inabu, Self incrimination what can an accused person be compelled to do?

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6. Saumitra Basu, The History of Forensic Science in India

IV. Criminal Justice Administration and Protection of Human Rights 4 Credits

Course Objectives

The objective of this course is to help the students to get an overview of the Criminal Justice system in the light of the developments that take place in various countries. It is also expected to audit the Indian system in the context of international norms which reflect human rights values. The international documents on human rights and the minimum standards for criminal justice Administration would be analysed and the provisions in the Indian law critically evaluated. The course will help the student to relate the Indian system with international standards.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level	
After completing the course, the students will be able to			
CO 1	Critically look at the entire Code of Criminal Procedure from the perspective of fundamental rights.	Evaluation	
CO 2	Test whether the procedures are fair just and reasonable.	Evaluation	
CO 3	Build interest in reading a lot of case laws to understand the dimensions given by judiciary to various rights of the accused in the continental as well as common law systems	Creation	
CO 4	Become sensitive to the rights of the accused and will become good lawyers, advocates and judges.	Creation	
CO 5	Critical look at the various process involved in trial as a facet of concept of justice to the accused, the victim and to the society at large.	Creation	

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	3
CO2	3	2	3	3	3
CO3	3	3	3	3	3
CO4	3	3	3	2	3

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CO5	3	3	2	3	2

1-Slightly 2-Moderately 3-Substantially

Course Contents

- Module I- Introduction to Human Rights-** UNO and its agencies – UN Charter and India – International documents on Human Rights and Criminal Justice Administration- UDHR, ICCPR, ICESCR- rights of the accused- right against torture, right against arbitrary arrest and detention, right to fair trial, right against self incrimination
- Module II- Implementation of international human rights norms** – Constitutional machinery in India – Procedure for implementing international norms- Article 253- case laws
- Module III- Right against torture-** Constitutional provisions and legislations in India- contribution of the judiciary in India- enforcement mechanisms- National and State Human Rights Commissions- .Role of NGOs.
- Module IV- Right against arbitrary arrest and detention and right to be presumed innocent-** Constitutional provisions and legislations in India- contribution of the judiciary in India- enforcement mechanisms- National and State Human Rights Commissions- .Role of NGOs.
- Module V- Right to fair trial-** fair just and reasonable procedure- Constitutional provisions- and legislations in India- contribution of the judiciary in India- enforcement mechanisms- National and State Human Rights Commissions- National Commission for Women.

References

1. Aparna Srivastava, *Role of Police in a Changing Society*, APH Publishing House, New Delhi.
2. Chandr Mohan Upadhyay, *Human Rights in Pre-trial Detention*, APH Publishing, New Delhi, 1999
3. Dr. Ashutosh, *Rights of Accused*, Universal Law Publishing Co., New Delhi, 2009
4. Henry M. Wrobleski, Kären M. Hess, *Introduction to Law Enforcement and Criminal Justice*, West Pub. Co., 1997
5. Jaishree Jaiswal, *Human Rights of Accused and Juveniles: Delinquent / In Conflict With Law*, Kalpaz Publications, Delhi, 2005
6. James Vadackumchery, *The Police and Delinquency in India*, APH Publishing House, New Delhi, 1996
7. John M. Scheb, John M. Scheb, II, *Criminal Law and Procedure*, Wdsworth, Cengage
8. Kären M. Hess, Christine Hess Orthmann, *Introduction to Law Enforcement and Criminal Justice*, Delmer Cengage Learning, USA, 2012

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9. Krishna Deo Gaur, *Criminal Law and Criminology*, Deep & Deep Publications, New Delhi, 2002
10. Mohammad Farajiha Ghazvini, *Police Protection to Victims of Crime*, Deep & Deep Publications, New Delhi, 2002.
11. N.V. Paranjpe, *Criminology & Penology with Victimology*, Central Law Publications, 2015
12. S.M.A. Qadri, *Criminology, Penology and Victimology*, EBC, Lucknow, 2016.

Elective V: Deprivation of Personal Liberty-International Standards

4 credits

Course Objectives

Delay in trial and prolonged detention of detainee for prolonged period and violation of liberty and other human rights can be understood. The European Convention on Human Rights gives certain grounds for deprivation of liberty as an explanation to the right to personal liberty, and the safeguards regarding the same. The arrest and detention and the human right violations thereby is grave in India. Idea about international standards on pre-trial detention and other types of detentions and its new trends will enable Indian law to be made better. Further research on this area in Indian perspective can be encouraged. This will lead to the improvisation of Indian existing laws. The concerns faced by various stakeholders in connection with pre-trial detention can be addressed and be reflected in Indian law.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level	
After completing the course, the students will be able to			
CO 1	Assess international standards on pre-trial detention, and other measures of detention	Evaluation	
CO 2	Direct reforms to Indian law relating to pre-trial detention	Creation	
CO 3	Articulate practices and conditions for release of trial pre-trial detainee in tune with international best practices.	Application	
CO 4	Structure Law relating to arrest and bail and assist the judiciary in making novel measures in line with research on these areas.	Analysis	
CO 5	Buid interest in becoming good enforcement officials	Creation	

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	3

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CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	2	3	2	3
CO5	2	3	3	3	2

1-Slightly 2-Moderately 3-Substantially

Course contents

- Module I-** Right to Liberty and Security of the Person-deprivations of liberty- security of person- lawful Arrests and Detentions- Reasonable Cause- notions of lawfulness and arbitrariness-
- Module II-** detain people without charges and without the possibility of bail-unacknowledged detentions, abductions and involuntary disappearances-Detention after conviction-detention must be the exception-meaning of reasonableness -Detention in order to prevent flight-Administrative detention-deprivation of liberty for the purpose of educational supervision.
- Module III-** Deprivation of liberty for reasons of mental health-renewal of the detention orders-deprivation of liberty of asylum seekers and for purposes of deportation and extradition-preventive detention and detention for reasons of ordre public-
- Module IV-** The right to be promptly informed of reasons for arrest and detention and of any charges against oneself-the right to be promptly brought before a judge or other judicial officer- legitimate decision-making organ-the Right to Trial within a Reasonable Time or to Release pending Trial
- Module V-** Alternatives to detention on remand-guarantees to appear at trial-reasonableness of pre-trial detention-the Right to Have the Lawfulness of the Detention Decided Speedily or Without Delay by a Court -principle of equality of arms-Periodic review of lawfulness of detention-the Right of Access to and Assistance of a Lawyer-the Right to Compensation in the Event of Unlawful-Deprivation of Liberty-Incommunicado detention.

Suggested Readings

1. Ilaria Bottiglieri, Redress for Victims of Crimes Under International Law, Springer, 2004.
2. Nigel Rodley, Matt Pollard, The Treatment of Prisoners under International Law, OUP, 2009.
3. Ilias Bantekas, Susan Nash, International Criminal Law, Cavendish – Routledge, London, 2003.
4. Bartram S. Brown, Research Handbook on International Criminal Law, Edward Elgar, USA, 2011

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5. Catherine S. Namakula, Language and the Right to Fair Hearing in International Criminal Trials, Springer, 2014.
6. R. H. Helmholz, The Privilege Against Self-Incrimination: Its Origins and Development, University of Chicago Press, 1997.
7. Constantine Theophilopoulos, The Right to Silence and the Privilege Against Self-incrimination, University of South Africa, 2001
8. Andrew L-T Choo, The Privilege Against Self-Incrimination and Criminal Justice, Hart Publishing, US, 2013.
9. Robert Cryer, Prosecuting International Crimes, Cambridge University Press, 2005.
10. Thorsten Bonacker, Christoph Safferling, Victims of International Crimes: An Interdisciplinary Discourse, Asser Press, Springer, Netherlands, 2002.
11. Vladimir Tochilovsky, Jurisprudence of the International Criminal Courts and the European Court of Human Rights, Martinus Nijhoff, London, 2008.
12. William A. Schabas, An Introduction to the International Criminal Court, Cambridge University Press, 2011.
13. José Doria, Hans-Peter Gasser, M. Cherif , The Legal Regime of the International Criminal Court, Martinus Nijhoff, Boston, 2009.
14. Machteld Boot, Nullum Crimen Sine Lege and the Subject Matter Jurisdiction of International Criminal Court, Intersentia, Belgium, 2002.
15. Neil Boister, Robert Cryer, The Tokyo International Military Tribunal: A Reappraisal, Oxford University Press, 2008.

Elective VI: International Standards on Sentencing Procedure

4 credits

Course Objectives

This course is aimed at giving the students as to the standard setting in the case of sentencing procedure in the international level. The course also aims at giving the students an opportunity to look at imprisonment as a human right and fundamental right issue the violation of which has to be done by the State in a fair just and reasonable manner.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level
After completing the course, the students will be able to		
CO 1	Interpret the power of the State –rights of the citizens equation in the context of crime and punishment	Understanding
CO 2	Critically and philosophically look at the procedures involved in punishing a person	Evaluation
CO 3	Build a habit of reading a lot of materials from national law as well as international jurisdictions	Creation

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CO 4	Build interest in becoming good teachers, advocates and judges	Creation
CO 5	Devise interest in comparative studies	Creation

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	2	3	3	2	3
CO2	3	2	2	3	3
CO3	2	3	3	3	3
CO4	3	2	3	3	3
CO5	2	3	3	3	2

1-Slightly 2-Moderately 3-Substantially

Course Contents

- Module I-** The sentencing Phase-Types of punishment-Corporal Punishment-Capital Punishment-Imprisonment-International norms controlling types of punishment-Considerations in Choosing a Penalty
- Module II-** Detention While Awaiting Sentence-restore liberty while awaiting sentencing-pretrial detention should not be automatic-Consideration of Time Spent on Remand-Non-Retroactivity of punishment-
- Module III-** Deprivation of liberty-a sanction of last resort-community sanctions- non-custodial measures-factors to be considered in making a sentencing decision.-rehabilitation of the offender-the protection of society- the interests of the victim-Uniformity insentencing-Sentencing should non-discriminatory-reasoned decisions-relevant social information on the offender-sentences to be imposed by a judge-re-sentence investigation-reform and social re-adaptation of the offender- acceptability of deterrence and retribution-Sentencing courts discretion-individual characteristics of the offender-sentencing guidelines-
- Module IV-** Alternatives to Incarceration-avoid the unnecessary use of imprisonment-Non-custodial dispositions-verbal sanctions-admonition-reprimand-warning-conditional discharge-status penalties- economic sanctions-monetary penalties- confiscation -expropriation order- restitution to the victim-compensation order- suspended or deferred sentencing-probation and judicial supervision- community service orders-referral to an attendance center- house arrest- modification or revocation of non-custodial treatment

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Module V- Challenging a Sentence-Right to Appeal-right to legal representation-Right to Review of Legality-Executive Clemency-Considerations During Detention-Review by a Competent Tribunal-Right to Counsel-the right to defend one's self- the right to be informed of the right to counsel- the right to choose one's counsel - legal counsel appointed and paid for by the state-Right to Effective Participation-right to be present at all court hearings-right to an interpreter-adequate opportunity to prepare his case-right to equality of arms

Suggested Readings

1. Terance D. Miethe, Hong Lu, Punishment: A Comparative Historical Perspective, Cambridge University, 2005.
2. M.A. DuPont-Morales, Michael K. Hooper, Judy H. Schmidt, Handbook of Criminal Justice Administration, Marcel Dekker Inc., New York, 2001.
3. Kenneth J. Peak, Introduction to Criminal Justice: Practice and Process, SAGE, 2015.
4. R. H. Helmholtz, The Privilege Against Self-Incrimination: Its Origins and Development, University of Chicago Press, 1997.
5. Constantine Theophilopoulos, The Right to Silence and the Privilege Against Self-incrimination, University of South Africa, 2001
6. Andrew L-T Choo, The Privilege Against Self-Incrimination and Criminal Justice, Hart Publishing, US, 2013.
7. Robert Cryer, Prosecuting International Crimes, Cambridge University Press, 2005.
8. Thorsten Bonacker, Christoph Safferling, Victims of International Crimes: An Interdisciplinary Discourse, Asser Press, Springer, Netherlands, 2002.
9. Vladimir Tochilovsky, Jurisprudence of the International Criminal Courts and the European Court of Human Rights, Martinus Nijhoff, London, 2008.
10. William A. Schabas, An Introduction to the International Criminal Court, Cambridge University Press, 2011.

Elective VII: - International Norms on Treatment of Prisoners

4 credits

Course Objectives

The course intends to introduce the evolving ideas in crime and punishment. The rights of prisoners and addressing those rights are crucial in incorporating reformative and rehabilitative method of sentencing. The problems faced by prisoners and their fundamental rights can be made known to the students. The efficiency of Indian prison system and protection of prisoner's rights in Indian system can be identified. Improvements for Indian prison administration can be suggested. Various physical and psychological challenges faced by prisoners and the solution for the same can be learned by the students.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)	Bloom's Taxonomy Level	
After completing the course, the students will be able to		

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CO 1	Reviewrights of prisoners and the reasonable restrictions over those rights	Evaluation
CO 2	Compare Prison administration and novel trends in various legal systems with Indian practices.	Understanding
CO 3	Direct improvements for Indian prison administration	Creation
CO 4	Deevise ideas for better implementation of rehabilitative and reformative methods of punishment can be evolved	Creation
CO 5	Build socially committed lawyering and research in favour of prisoners	Creation

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	2	3	3	3	3
CO2	3	2	2	3	3
CO3	3	3	3	3	3
CO4	3	2	3	2	3
CO5	2	3	2	3	2

1-Slightly 2-Moderately 3-Substantially

Course Contents

- Module I-** The concept of prisoner rights- origin and development-United States of England-America- Prisoners Rights in India- International norms-
- Module II-** Classification of prisoners-Mentally Disordered in Prisons- juvenile inside the Prisons-Female Prisoners- under trial prisoners- prohibited Discrimination.
- Module III-** Prisoners' right-Contact with a lawyer-Right to Communication-Sex and Family Life in a Prison Setting-Access to Courts and Legal Service- Health of Prisoners-Recreational Facilities-Exercise of Religious Beliefs and Practices-psychiatric services.
- Module IV-** Preparation for life after release-aftercare-Community-oriented prison life-Reintegration goal-Links with family-Contact with friends-Information about transfer-Placement near home-Letters and telephone calls –Visits-Intimate visits-Prison leave- remission and commutation-parole- Impact of indeterminate and prolonged imprisonment- refusal or restrictions on release from prisons

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SCHOOL OF LEGAL STUDIES

Module V- Prohibition of torture and other cruel inhuman or degrading treatment or punishment-international norms-legislative measures- judicial decisions.

Suggested Readings

1. Andrew L-T Choo, The Privilege Against Self-Incrimination and Criminal Justice, Hart Publishing, US, 2013.
2. Bartram S. Brown, Research Handbook on International Criminal Law, Edward Elgar, USA, 2011
3. Catherine S. Namakula, Language and the Right to Fair Hearing in International Criminal Trials, Springer, 2014.
4. Constantine Theophilopoulos, The Right to Silence and the Privilege Against Self-incrimination, University of South Africa, 2001
5. Denis Abels, Prisoners of the International Community, Springer, 2012.
6. Gerhard Werle, Florian Jessberger, Principles of International Criminal Law, OUP, 2015.
7. Ilaria Bottiglieri, Redress for Victims of Crimes Under International Law, Springer, 2004.
8. Ilias Bantekas, Susan Nash, International Criminal Law, Cavendish – Routledge, London, 2003.
9. J. L. Murdoch, The Treatment of Prisoners: European Standards, Council of Europe, 2006.
10. Nigel Rodley, Matt Pollard, The Treatment of Prisoners under International Law, OUP, 2009
11. Nigel Rodley, Matt Pollard, The Treatment of Prisoners under International Law, OUP, 2009.
12. R. H. Helmholz, The Privilege Against Self-Incrimination: Its Origins and Development, University of Chicago Press, 1997.
13. Ralph D. McPhee, The Treatment of Prisoners: Legal, Moral Or Criminal?, Nova Science Publishers Inc., USA, 2006
14. Robert Cryer, An Introduction to International Criminal Law and Procedure, Cambridge University Press, 2010.
15. Robert Cryer, Prosecuting International Crimes, Cambridge University Press, 2005.
16. Róisín Mulgrew, Denis Abels, International Penal System, Edward Elgar, 2016.

GROUP G ENVIRONMENTAL LAW

Core papers

Paper I- Environment Protection: National and International Perspective (4 credits)

Course objectives:

The primary objective of the course is to explain the role of law, policy and institution in the Protection, conservation and management of environment and natural resources from a national and international perspective. The course introduces the students to the evolution

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of environmental law in India. The various multilateral environmental agreements and environmental doctrines are taught and critically evaluated.

Course outcomes:

Course Outcomes(COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Demonstrate the role of law and policy in conservation and management of environment.	Understand
CO2	Evaluate the principles and concepts underlying major environmental statutes as well as relevant common law doctrines.	Apply
CO3	Analyse working of environmental organisations and their role in facilitating environmental measures at the domestic level.	Analyse

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	2	2	1
CO2	3	2	2	3	2
CO3	2	3	2	3	3

1-Slightly 2-Moderately 3-Substantially

Course Content

Module-I: Concept of Environment

National and International Perspective – Dimensions and Magnitude of the problems of Environmental Degradation – Need for Legal Control

Module-II: Evolution of Environmental Law

International Conventions – Stockholm Declaration of 1972 – World Charter for Nature, 1982 – Earth Summit 1992 – Johannesburg Conference 2002 – Delhi Summit 2002

Module-III: Principles of Environmental Law

Public Trust Doctrine, precautionary principle, polluters Pay Principle – Sustainable development – Inter-generational equity – Intra-generational equity - Common but differentiated responsibility

Module-IV: Role of Environmental Organizations

UNEP - Environmental planning – Environmental education and training programme.

Module-V: Right to Environment

Constitutional dimensions of Environmental protection – Human Right to Clean and Healthy Environment.

Suggested readings:

1. Eliot H, Blaustein *et. al.*, *Your Environment and You*, Oceana (1974)

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2. Darryl D' Monte *Temples or Tombs Industry versus Environment: Three Controversies* (1985)
3. Leelakrishnan P. *Et. al.* (eds) *Law and Environment* (1990)
4. World commission on Environment and Development, *Our Common Future* (1987) Oxford
5. Mohan I. *Environment and Habitat* (1989) Part III Ashish, Publishing House, New Delhi
6. Sharma S. C. *Environmental Education* (1986) Metropolitan, Delhi.
7. Indera P. Singh and S. C. Tiwari (eds.) *Man and His Environment* (1980)
8. J. Bandyopadhyay (ed.) *India's Environment Crises and Responses* (1985), Nataraj Publishers, Dehra Dun.
9. Stephen C.M. Coffery and Robery E. Lutz *Environmental Pollution and Individual Rights : An International Symposium* (1978)
10. Joseph J. Seneca & Michal K. Tanssig, *Environmental Economics* (1979) Prentico Hall, New Jersey, Ch. V
11. H. H. Singh *et. al.* (eds.) *Geography and Environment* (1986) Concept Publishing Company, New Delhi.
12. Khoshoo T.N., *Environmental Concern and Strategies* (1988) Ashish, Delhi, Chapters I, VIII and IX
13. James E. Krier, *Environmental Law & Policy* (1971), BobbsMerril, New York, Chapter 2
14. William H. Rodgers, *Environmental Law* (1977), west Ch., I, II and VI
15. Mohan I, *Environmental Awareness and Urban Development* (1988) Ashish Publishing House, New Delhi.
16. Indian Journal of Public Administration, Special number on Environment and Administration Vol. XXXV July September 1988 No.3
17. Thomas J. Schoerbacum, *Environmental Policy Law* (1985) Chapter I and II, The foundation press, New York.
18. Kailash Thakur- *Environmental Protection Law and Policies in India*(1997)
19. Armin Rosencranz, *Environmental Law and Policy in India*(2001)

Paper II - Protection and Management of Land, Water and Air

Course objectives:

The course will analyze and understand the principles and legal frameworks governing the conservation and protection of land, water, air, coastal areas, and wetlands. Students are equipped to examine the forms and sources of pollution in each module area and evaluate the effectiveness of regulatory mechanisms such as environmental laws and the roles of regulatory bodies like CPCB and SPCB. The focus is also to develop advanced skills in assessing judicial responses to environmental issues and in formulating strategies for sustainable environmental protection and management.

Course Outcomes(COs)	Bloom's Taxonomy Level

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After completion of the course, the student will be able to:		
CO1	Demonstrate a deep understanding of the legal and regulatory frameworks pertaining to environmental conservation and pollution control, including their application to different environmental contexts.	Understand
CO2	Analyze and evaluate complex environmental issues, formulate legal arguments, and propose policy solutions related to land, water, air, coastal areas, and wetlands conservation.	Analyse
CO3	Analyze judicial decisions and their implications for environmental protection, preparing them for professional roles in environmental law and policy advocacy.	Analyse

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	2	2	1
CO2	3	2	2	3	2
CO3	2	3	2	3	3

1-Slightly 2-Moderately 3-Substantially

Course Content:

Module-I: Conservation of Land

Conservation, Protection and Use of Land - land-based pollution - Forms of pollution and its Legal Control

Module-II: Prevention of Water Pollution

Prevention and Control of Water Pollution- Forms of pollution and its Legal Control - Water Act – CPCB - SPCB

Module-III: Prevention of Air Pollution

Prevention and Control of Air Pollution – Forms of pollution and its Legal Control - Air Act – CPCB – SPCB - Noise Pollution – Regulation and its Legal control

Module-IV: Conservation of Coastal Areas and Wetlands

Conservation and Protection of Coastal Zone – CRZ Notification - Conservation of mangroves –Conservation and Protection of wetlands

Module-V: Protection of Environment

Environmental Protection Act, 1986 - Rules enacted under EPA to prevent pollution to land, water and air – Judicial responses

Suggested readings:

1. Frank J. Frelease, *Water Law Resources Use and Environmental Protection* (1874) West

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SCHOOL OF LEGAL STUDIES

2. Deshbandhu and Garg, *Social Forestry and Tribal Development* (1986) Indian Environmental Society.
3. Upadhyay C.B., *Forest Laws* (1984) Hind Publishing House, Allahabad.
4. Chatrapati Singh, *Common Property and Common Poverty: India's Forest, Forest Dwellers and the Law* (1986)
5. Desmond D' Abreo, *People and Forests* (1985)
6. Darryl D' Monte, *Temples or Tombs, Industry versus Environment: Three Controversies* (1985)
7. Leelakrishnan P., et. al. (eds), *Law and Environment* (1990)
8. Indian Journal of Public Administration, Special number on Environment and Administration, July-September 1988 Vol. XXXV No.3
9. Findley, R. W. and Farbor D.A., *Environmental Law* (1981) West Chapters VI & VII
10. David Rugher, *Environmental Law* (1986) Butterworths London, Part II & IV
11. Daniel R. Mandeker *Environmental and Land Controls Registration* (1976) Bobbs-Merril, New York, Chapters IV and VI.
12. Khoshoo, *Environmental concepts and strategies* (1988) Ashish, Delhi, Chapters III to VIII and X.
13. Centre for Science and Environment, *The State of India's Environment* 1982 and *The State of India's Environment* 1984-85, Delhi.
14. A.R. Bam and P.N. Gantam, *Natural Heritage of India* (1989), R.K. Publishers, Delhi.
15. Hanks, E.H. Tarlock, A.D. and Hank J.L. *Environmental Law and Policy* (1974) Chapter IV
16. Thomas J. Schoenbum, *Environmental Policy Law* (1985), Chapter III, The Foundation Press, New York.
17. Kailash Thakur- *Environmental Protection Law and Policies in India*(1997)
18. Centre for Environmental Education, National Law School, Bangalore, *Cases and Materials concerning the Coastal Environment* (1999)
19. Kerala state Land Use Board, *Coastal Eco-System – an overview* (1996)
20. P.B.Sahasranaman, *The Law Relating to Protection of Coastal Areas* (1998)
21. P.J.S. BroedensR.Seed, *Introduction to Coastal Ecology* (1985)
22. S.Z.Qasim, *Glimpses of the Indian Ocean* (1998)

Paper III - Conservation of Forests, Wild life and Biological Diversity 4 Credits

Course Objectives:

The primary objective of the course is to explain the role of law, policy and institution in the Protection, conservation and management of forests, wildlife and biodiversity from a national and international perspective. The course introduces the students to the enforcement machineries and problems of prosecution associated with these laws. The course also evaluates enforcement challenges and judicial responses related to environmental laws, focusing on enhancing compliance and effective prosecution.

Course Outcomes(COs)	Bloom's Taxonomy Level

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SCHOOL OF LEGAL STUDIES

After completion of the course, the student will be able to:		
CO1	Demonstrate an in-depth understanding of the legal principles and frameworks governing forest protection, wildlife conservation, and biodiversity management, including their historical evolution and current applications	Understand
CO2	Analyze and resolve legal and ethical dilemmas concerning the rights of tribal communities and forest dwellers regarding conservation policies and sustainable development goals.	Analyse
CO3	Assess enforcement mechanisms, and evaluate judicial decisions, and proposing strategies to strengthen law enforcement.	Analyse

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	2	2	3
CO2	3	2	2	3	2
CO3	2	3	2	3	3

1-Slightly 2-Moderately 3-Substantially

Course content

Module-I: Protection of Forest

Conservation and Protection of forest – National and International efforts - sustainable development and forest conservation – controls over private forests – social forestry

Module-II: Rights of Tribes and Forest Dwellers

Forest and the Tribal People - Conservation of Natural Resources vs. Right to Livelihood

Module-III: Protection of Wildlife

Protection of Wildlife – The Wildlife Protection Act, 1972 – Sanctuaries and National Parks – Licensing of Zoos and Parks

Module-IV: Conservation of Biodiversity

Conservation and Sustainable use of Biological Resources – Convention on Biodiversity, 1993 – Biosafety Protocol 2000 – The Biological Diversity Act, 2002.

Module-V: Enforcement and Prosecution

Problems of enforcement and prosecution – Judicial Response

Suggested readings:

1. Desh Bandhu and Garg, *Social Forestry and Tribal Development* (1986) Indian Environmental Society.
2. Upadhyay C.B., *Forest Laws* (1984) Hind Publishing House, Allahabad.

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3. Chatrapati Singh, *Common Property and Common Poverty: India's Forest, Forest Dwellers and the Law* (1986)
4. Desmond D' Abreo, *People and Forests* (1985)
5. Darryl D' Monte, *Temples or Tombs, Industry versus Environment: Three Controversies* (1985)
6. Leelakrishnan P., et. al. (eds), *Law and Environment* (1990)
7. Centre for Science and Environment, *The State of India's Environment 1982 and The State of India's Environment 1984-85*, Delhi.
8. A.R. Bam and P.N. Gantam, *Natural Heritage of India* (1989), R.K. Publishers, Delhi.
9. Thomas J. Schoenbum, *Environmental Policy Law* (1985), Chapter III, The Foundation Press, New York.
10. Kailash Thakur- *Environmental Protection Law and Policies in India*(1997)
11. Arjun Prasad Nagore, *Biological Diversity and International Environmental Law* (1996)

Paper IV - Regulation of Transboundary Pollution

4 Credits

Course objectives:

The primary objective of the course is to explain the various aspects of Transboundary pollution from a national and international perspective and the role of law, policy and institution in its regulations. The course introduces the students to the various international principles and litigations relating to transboundary pollution. The various multilateral environmental agreements and domestic regulations and policies associated with Transboundary pollution are taught and critically evaluated.

Course Outcomes(COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Demonstrate advanced knowledge and critical understanding of legal back up for transboundary pollution.	Understand
CO2	Analyse the effectiveness of international and regional organizations in addressing global environmental challenges, and evaluate the institutional mechanisms for international cooperation and governance.	Analyse
CO3	Analyse strategies for enhancing domestic regulations and policies to address transboundary pollution and emerging environmental threats effectively.	Analyse

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	2	2	2
CO2	3	2	2	3	3
CO3	2	3	2	3	3

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1-Slightly 2-Moderately 3-Substantially

Course content

Module-I: Problems of Transboundary Pollution

Problems, Sources and Legal control of trans-boundary pollution - Oil pollution – Marine environment, nuclear fallouts and accidents, Chemical pollution

Module-II: Emerging Environmental Problems

Problems, Sources and Legal control of Acid rain, Green house effect, Depletion of ozone layer,

Module-III: Legal Control of Space Pollution

Problems, Sources and Legal control of Space pollution, Pollution of International rivers and lakes International and Regional Conventions and Agreements

Module-IV: International and Regional Organizations

Role of International and Regional organizations and their Institutional Mechanisms

Module-V: Domestic Regulation and Policies

Domestic Regulation and Policies – Efficacy and problems of enforcement

Suggested readings :

1. World Commission on Environment and Development, *Our Common Future* (1937), Oxford
2. British Institute of International and Comparative Law, *Selected Documents on International Environmental Law* (1975) London.
3. Irene H VamLier, *Acid Rain and International Law* (1981) Bunsel Environmental Consultants - Toronto.
4. R. A. Malaviya, *Environmental Pollution and its Control under the International Law* (1987) Chugh Publication, Allahabad.
5. Standing Committee on Environmental Law, American Bar Association, *Common Boundary/ Common Problems : The Environmental Consequences of Energy Production* (1982)
6. Indian Law Institute, *Mass Disasters and Multinational Liability: The Bhopal case.* (1986) Inconvenient forum and convenient catastrophe: The Bhopal Case 1986
7. International and Regional Conventions on various areas noted in the thematic break up of this paper.
8. Jan Schneider/ *World Public order of the Environment* (1979), University of Toronto.
9. James Darros and Douglar M. Johnston, *The International Law of Pollution* (1974), Mac Millan, London.
10. Priya Ranjan Trivedi, *International Environmental Law* (1996)
11. Nathali L.T.J. Horbach, *Contemporary Development in Nuclear Energy Law* (1999), Kluwer
12. Henrick Ringbom (ed.), *Competing Norms in the Law of Marine Environmental Protection* (1997), Kluwer

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SCHOOL OF LEGAL STUDIES

ELECTIVE PAPERS

1. Legal Control of Industrial Pollution

4 Credits

Course objectives:

The primary objective of the course is to explain the role of law, policy and institution involved in the legal control of industrial pollution. The course helps students understand the need for regulating industrial pollution. It introduces the students to the development of various laws regulating industrial pollution in India. The course enables the students to study and assess the legal responses and application of sustainable development principles in the control of industrial pollution. The course will supplement other offerings in the LLM programme especially environmental law.

Course Outcomes(COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Demonstrate understanding of the legal frameworks governing industrial pollution, including its sources, impacts, and constitutional dimensions.	Understand
CO2	Analyse and evaluate the effectiveness of industrial pollution regulations and policies, including the application of environmental laws as well as the roles of regulatory bodies like CPCB, SPCB, and local authorities in enforcement and compliance.	Analyse
CO3	Analyse legal strategies and make recommendations for promoting sustainable industrial development through application of sustainable development principles, preparing them for environmental law practice, policy-making, and corporate sustainability initiatives.	Analyse

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	2	2	2
CO2	3	2	2	3	3
CO3	2	3	2	3	3

1-Slightly 2-Moderately 3-Substantially

Course Content

Module-I: Industrial Pollution

Sources of industrial pollution - impacts of industrial pollution - critically polluted areas and hazardous industrial units - abatement of pollution - constitutional dimensions - Convention on the Transboundary Effects of Industrial Accidents.

Module-II: Regulation of Industrial Pollution

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Factories Act - Regulation of industrial air pollution - water pollution – water cess – EIA – industrial pollution control – Environment (Protection) Rules, 1986

Module-III: Management of Industrial Pollutants

Management and handling of industrial hazardous pollutants – chemical accidents – bio medical wastes – monitoring and verification – Common Effluent Treatment Plants - National River Action Plan - programmes and policies.

Module-IV: Compliance and Enforcement

Role of CPCB and SPCB - role of local authorities - Public liability Insurance Act - judicial responses to industrial pollution – expansion of the regulatory regime and resources.

Module-V: Sustainable Industrial Development

Environmental Audit - Adoption of Clean Technology – eco mark – energy from industrial waste - sustainable development principles – research on developing preventive and correctivemeasures.

Suggested Readings:

1. N. Manivasakam, Environmental Pollution, NBT, (2017)
2. Prof. P. Leelakrishnan, Environmental Law in India, LexisNexis, (2020)
3. Armin Rosencranz, Environmental Law and Policy in India: Cases, Material & Statutes (2002)
4. Shibani Ghosh, Indian Environmental Law: Key Concepts and Principles, Orient Black Swan, (2019)
5. T.S. Doabia, Environmental & Pollution Laws in India, LexisNexis, (2017)
6. M Rao, *et.al.*, Air Pollution, Mc Graw Hill, (2017)
7. Dr. N. Maheshwara Swamy, Law Relating to Environmental Pollution and Protection, Asia Law House, (2021)
8. P.B. Downing, *et.al.*, International Comparisons in Implementing Pollution Laws, Springer, (2013)
9. Agarwal S.L., Legal Control of Environmental Pollution (1980)
10. Jain S.N., Legal Control of Environmental Pollution (1980)
11. Paras Diwan, Environment Protection: Problems, Policy, Administration, Law (1987)
12. Patricia Birnie and Alen Boyle, International Law and the Environment (1992)
13. Pramod Singh, Environmental Pollution and Management (1985)
14. Sapru R.K., Environmental Management in India, Vols. 1 and 2 (1987)
15. Upendra Baxi, Inconvenient forum and Convenient Catastrophe: The Bhopal Case, Indian Law Institute, (1986)

2. Environment and Development

4 Credits

Course objectives:

The primary objective of the course is to explain the role of law, policy and institution in balancing environment and development. The course introduces the students to the doctrine of sustainable development and its associated principles and process like environmental impact assessment. The jurisprudence on environment and development are taught and critically evaluated.

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Course Outcomes(COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Demonstrate an understanding of the complex interplay between development and environmental concerns, including human rights issues and the principles of sustainable development.	Understand
CO2	Critically analyze and propose frameworks to reconcile these interests in legal and policy contexts.	Analyse
CO3	Analyse legal principles of liability concerning environmental damage, including absolute and strict liability frameworks as applied to industrial accidents.	Analyse

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	2	2	1
CO2	3	2	2	3	2
CO3	3	3	2	3	3

1-Slightly 2-Moderately 3-Substantially

Course Content:

Module-I: Development vs. Environment

The conflict of interests – Human Right issues - Sustainable development and its Fundamental Principles

Module-II: General Principles on Liability

Industrial accidents and their impact - Absolute Liability - Strict Liability – Public Liability Insurance Act - Incentives to pollution control

Module-III: Environmental Sustainability

Environmental Impact Assessment – Forest Policy – National Environmental Policy - Environmental Audit - Corporate Social Responsibility.

Module-IV: Constitutional and Legislative Attempts

Development and clean environment – Constitutional and legislative attempts – Obligations of State & Citizen

Module-V: Judicial Measures

Balancing Development and environment - Judicial response –National Green Tribunal - Efficacy of criminal and civil sanctions

Suggested readings:

1. World Commission on Environment, *Our Common Future* (1987)
2. Armin Rosencranz, *Environmental Law and Policy in India* (1991)

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3. Buddhadeb Chaudhuri and Asok Kumar Maiti, *Forest and Forest Development in India* (1989)
4. P. Leelakrishnan, *Law and Environment* (1992)
5. T. N. Khoshoo, *Environmental Concerns and strategies* (1988)
6. U. K. Bansal, *Right to Life and Personal Liberty in India* (1987)
7. Commercial Environmental Law and Liability (Longman's Publication).
8. Hughes, *Environmental Law* (Butterworth's Publication)
9. Salter, *Corporate Environmental Responsibility – Law and practice* (Butterworth's Publication)
10. *Bernie and Bayle*, *International and the Environment* (Oxford).
11. Richard L. Reversz et.al. (eds.), *Environmental Law, the Economy and Sustainable Development* (2000), Cambridge

3. Coastal Zone Management

4 Credits

Course objectives:

The primary objective of the course is to explain the role of law, policy and institution in the protection, conservation and management of Coastal zone. The course helps students understand the importance of protecting and managing the coastal zones. It introduces the students to the development of coastal regulations in India. The course enables the students to study and assess the legal responses and sustainable development principles in the context of coastal zone management.

Course Outcomes(COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Demonstrate understanding of coastal area management, its significance, regulatory frameworks such as Coastal Regulation Zone rules, and the principles of Integrated Coastal Zone Management.	Understand
CO2	Analyze the powers and functions of Coastal Zone Management Authorities at the central and state levels, and evaluate the role of courts in resolving conflicts and ensuring compliance.	Analyse
CO3	Analyze the challenges posed by commercial and industrial expansion, tourism development, and natural disasters on coastal sustainability.	Analyse

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	2	2	3
CO2	3	2	2	3	2

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CO3	2	3	2	3	3

1-Slightly 2-Moderately 3-Substantially

Course Content

Module-I: Introduction to Coastal Areas

Coastal areas – Significance of coastal zone – Regulation lines – Tidal influence - need for regulating coastal zones - evolution of Coastal Regulation Zone rules - Integrated Coastal Zone Management – M S Swaminathan Committee

Module-II: Coastal Zone Management

Classifications of Coastal Zones – Ecologically sensitive areas – Regulation of development activities - Procedure for Clearances - monitoring and enforcement - Shailesh Nayak committee

Module-III: Coastal Zone Management Authorities

Authorities under Coastal Zone Management Rules – powers and functions - role of centre and state - role of courts in coastal management

Module-IV: Coastal Zone Management Plans.

Coastal zone management plans – preparation, review and updation guidelines - public consultation - role of centre and state.

Module-V: Sustainable Development and Coastal Regulation

Impact of commercial and industrial expansion – increasing population and urbanization - tourism development – interest of the fisher folk – natural disasters – coastal inundation – sustainable development principles and constitutional dimensions.

Suggested Readings:

1. Centre for Environmental Education, National Law School, Bangalore, Cases and Materials concerning the Coastal Environment (1999)
2. Kerala state Land Use Board, Coastal Eco-System - an overview (1996)
3. P.J.S. Broedens R. Seed, Introduction to Coastal Ecology (1985)
4. S. Z. Qasim, Glimpses of the Indian Ocean (1998)
5. Korakandy R. Coastal Zonal Management in India, Kalpaz Publications. 2005
6. Nayak, S., S. Shekhar, R. Ramesh, M. Baba, H. Shah, and A. Senthilvel. 2015. Report of the Committee to Review the Issues Relating to the Coastal Regulation Zone Notification 2011.
7. R. R. Krishnamurthy *et.al.*, Coastal Management: Global Challenges and Innovations, Academic Press, 2018
8. Ramanathan, A., *et.al.*, Management and Sustainable Development of Coastal Zone Environments, Springer, 2010
9. MoEFCC. Coastal Regulation Zone Notification. New Delhi. 1991
10. MoEFCC. Coastal Regulation Zone Notification. New Delhi. 2011
11. MoEFCC. Coastal Regulation Zone Notification. New Delhi. 2019

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12. Panigrahy J.K and Pradhan, A. "Effectiveness of Indian Coastal Regulation Zone (CRZ) provision for coastal zone management and its management using SWOT analysis." Ocean and Coastal Management 65 (2012): 34-50.
13. P.B. Sahasranaman, The Law Relating Protection of Coastal Areas, swamy law house; 9th edition (1 January 2019)
14. Singh, Amita, et.al., Development in Coastal Zones and Disaster Management, Palgrave Macmillan, 2020
15. Pritha Dave, The Coastal Regulation Zone (CRZ), 2019 & The Island Protection Zone, Snow White Publication, 2021

4. Legal Control of Marine Pollution

4 Credits

Course objectives:

The primary objective of the course is to explain the role of law, policy and institution involved in the legal control of marine pollution from a national and international perspective. The course helps students understand the need for controlling marine pollution and preserving the marine resources. It introduces the students to the development of various conventions and laws regulating marine pollution. The course enables the students to study and assess the judicial responses as well as the sustainable use of marine resources.

Course Outcomes(COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Demonstrate thorough understanding of international legal frameworks and conventions governing marine pollution.	Understand
CO2	Analyze judicial responses to marine pollution incidents and propose strategies for improved compliance and accountability.	Analyse
CO3	Analyse effectiveness of measures for conservation of marine ecosystems, national obligations and international cooperation efforts in marine conservation.	Analyse

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	2	2	1
CO2	3	2	2	3	2
CO3	2	3	2	3	3

1-Slightly 2-Moderately 3-Substantially

Course Content

Module-I: Marine Environment

Marine resources - conservation and exploitation - Scientific research and exploration
- Antarctic environment - marine Pollution - Overview of IMO conventions - International Seabed Authority

Module-II: Pollution from Ships

Sources of marine pollution - dumping of oil and other wastes into the sea - liability and compensation for ship - source pollution evolution of law regulating marine pollution - OIL POL and MAR POL conventions – regulation under UNCLOS convention – OPRC.

Module-III: Marine Pollution by Sea Bed and Subsoil Explorations

Pollution by accidents at sea - pollution by atomic weapon testing in High sea - Marine pollution from land-based sources - dumping of wastes - nuclear wastes disposal - carriage of hazardous wastes - Basel convention.

Module-IV: Enforcement of Pollution Control Laws

Flag state and port state jurisdiction - Indian Legislation on marine pollution Liability for marine pollution damage - trans boundary pollution – regional approaches to the protection of marine environment - judicial response to marine pollution

Module-V: Conservation of Marine Eco-system

Protection of marine diversity - conservation of endangered and migratory species - conservation of marine fisheries - national obligation - international co-operation for conservation – sustainable use of marine resources.

Suggested Readings:

1. International conventions of the IMO relevant to marine pollution.
2. International Convention Relating to Intervention on the High Seas in Cases of Oil
3. Pollution Casualties (INTERVENTION), 1969
4. Convention on the Prevention of Marine Pollution by Dumping of Wastes and Other
5. Matter (LC), 1972 (and the 1996 London Protocol)
6. International Convention on Oil Pollution Preparedness, Response and Co-operation (OPRC), 1990.
7. Protocol on Preparedness, Response and Co-operation to pollution Incidents by Hazardous and Noxious Substances, 2000 (OPRC-HNS Protocol).
8. International Convention on the Control of Harmful Anti-fouling Systems on Ships (AFS), 2001.
9. International Convention for the Control and Management of Ships' Ballast Water and Sediments, 2004.
10. The Hong Kong International Convention for the Safe and Environmentally Sound Recycling of Ships, 2009.
11. International Convention on Civil Liability for Oil Pollution Damage (CLC), 1969.
12. 1992 Protocol to the International Convention on the Establishment of an International Fund for Compensation for Oil Pollution Damage (FUND 1992).
13. Convention relating to Civil Liability in the Field of Maritime Carriage of Nuclear Material (NUCLEAR), 1971.
14. International Convention on Liability and Compensation for Damage in Connection with the Carriage of Hazardous and Noxious Substances by Sea (HNS), 1996 (and its 2010 Protocol).
15. International Convention on Civil Liability for Bunker Oil Pollution Damage, 2001
16. Nairobi International Convention on the Removal of Wrecks, 2007
17. Simmonds, United National Conference on the Law of the Sea, 1982 (1983).
18. Henric Ringborn (ed.), Competing Norms in the Law of Marine Environmental Protection (1997), Kluwer.
19. Dovor Vidas, Protecting the Polar Marine Environment (2000) Cambridge.
20. Dr. N. Maheshwarswam Y, “Law Relating to Environmental Pollution and Protection”, II Edition, Vol. 1, Asia Law House, Hyderabad, 2003.

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21. Gurdip Singh, "Environmental Law in India", Mac Millan India Limited, 2005, New Delhi.
22. Douglas J. Cusine, *et.al.*, The Impact of Marine Pollution, (2021), Routledge
23. Francesco Berlingieri, International Maritime Conventions, Protection of the Marine Environment, (2020), Routledge
24. Tanaka, Y. Protection of the marine environment. In The International Law of the Sea. (2015) Cambridge University Press.

5. Climate Change Law and Governance

4 Credits

Course objectives:

There is increasing consensus that climate change is real and that its causes and impacts must be governed to preserve the environment and life on earth. The course will introduce students to the international principles that forms the basis for climate agreements and the current international legal framework on climate change. To help students analyze the IPCC reports, the developments in UNFCCC, Kyoto Protocol and Paris Agreement negotiations. To help students understand the challenges and opportunities for India while complying with international climate agreements and implementing domestic climate actions. To encourage the students to discuss the relevance and trends in the emerging global climate change litigations.

Course Outcomes(COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Demonstrate an understanding of the legal and policy frameworks governing climate change at international, regional, and national levels.	Understand
CO2	Analyze and evaluate the effectiveness of international climate change frameworks such as the UNFCCC, Kyoto Protocol, and Paris Agreement.	Analyse
CO3	Analyse climate change policies and strategies including legislative and constitutional provisions, sector-specific actions and the implementation of national climate action plans.	Analyse

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	2	2	2
CO2	3	2	2	3	3
CO3	2	3	2	3	3

1-Slightly 2-Moderately 3-Substantially

Course Content

Module-I: Problems of Climate Change

Climate change and global warming - causes and impact - common concern and conflicting interest of nations - Climate change and principles of international law

Module-II: Climate Change Framework

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Climate change negotiations - mitigation and adaptation - IPCC - UNFCCC - CBD/RR - Kyoto protocol - Flexible Mechanisms – Financial and technological support

Module-III: Paris Agreement and Climate Change

Paris Agreement - NDC - Assistance and efficiency - Reporting - Transparency - Global stocktake - Shift in responsibility from Global to State – Paris Rule book

Module-IV: India and Climate Change Policy

National action plan for climate change - Legislative and Constitutional provisions – Climate action in major sectors

Module-V: Climate Change Litigation

Relevance and trends – Rights based claims - Private law claims - Corporate accountability - Compensation claims - Financial risk claims

Suggested Readings:

1. Soltau, Friedrich, Fairness in international climate change law and policy Soltau, Friedrich, Cambridge University Press, 2009
2. FitzRoy, Felix *et. al.*, An introduction to climate change economics and policy, London Earthscan, 2010
3. Malone, Elizabeth L, Debating climate change, London Earthscan, 2009
4. R. Lal *et. al.*, Climate change and global food security, Boca Raton CRC Press Taylor and Francis Group, 2005
5. Weishaar, Stefan, Towards auctioning, Austin Wolters Kluwer Law & Business, 2009
6. Schiele, Simone., Evolution of international environmental regimes: The Case of Climate Change, Cambridge University Press, 2014
7. Lange, Bettina *et. al.*, Environmental law Fisher, U.K Oxford, 2013
8. Caron, David Det. *al.*, The international law of disaster relief, Cambridge University Press, 2014
9. Usha Tandon, ed., Climate change – law, policy and governance, Lucknow Eastern Book Co., 2016
10. Thompson S.J.P, Climate change untold truths and the ultimate solution, Patridge publishing, 2013
11. Dupuy, Pierre-Marie, Viñuales, Jorge E International environmental law, Cambridge University Press, 2015
12. Bell, Stuart, *et. al.*, Environmental law, N.Y. Oxford University Press, 2017
13. Klein, Daniel R. *et. al.*, The Paris agreement on climate change, N.Y. Oxford University Press, 2017
14. Botzen, W. J. Wouter, Managing extreme climate change risks through insurance, Cambridge University Press, 2013
15. Socio-legal dimensions of climate change, Benagaluru National Law School of India University, 2018
16. Victor R. Squires, Climate variability impacts on land use and livelihoods in drylands, Switzerland Springer, 2018
17. Vesselin Popovski, ed., The implementation of the Paris Agreement on Climate Change, N.Y. Routledge, 2019

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18. Mayor, Benoit, The international law on climate change, N.Y. Cambridge University Press, 2018
19. Dallas Burtraw, Lessons from the Clean Air Act, N.Y. Cambridge Uni. Pr., 2018
20. Bryant, Gareth, Carbon markets in a climate-changing capitalism, N.Y. Cambridge Uni. Pr., 2019
21. David Freestone *et. al.*, Legal aspects of carbon trading, Oxford University Press, 2009
22. Long, Douglas, Global warming, NY Library in a Book, 2004
23. Cheryl Simon *et. al.*, one future Silver, New Delhi Affiliated East-West Press, 1991
- Ansari, Abdul Haseeb., Wetlands and global warming, New Delhi

GROUP H – Human Rights and Duties Education

Paper I. International Human Rights Law

4 Credits

Course Objectives

This paper helps the students to understand the evolution of the concept of human rights. It also explains the organizational structure and functions of international human right organizations. Explaining the relevance of human rights in the present social order and the major international documents on human rights is analysed. The national commitments towards the international human rights obligations are to be learned to systematically understand the scheme for protecting human rights internationally. It is also to distinguish and justify the regional priorities over various human rights and to know the inalienable nature of those rights.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level
After completing the course, the students will be able to		
CO 1	Deduce a clear idea about the rights recognized internationally as human rights.	Analysis
CO 2	Validate the constitutional rights from a different perspective.	Creation
CO 3	Appraise the state actions.	Analysis
CO 4	Build interest to work with human rights organizations and NGOs	Creation
CO 5	Build interest to become a good constitutional lawyer or a judge of higher judiciary	Creation

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	3

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CO2	3	3	1	3	3
CO3	3	3	3	3	3
CO4	3	2	3	2	3
CO5	2	3	1	3	2

1-Slightly 2-Moderately 3-Substantially

Course Content

Module I: Nature and content of human rights – international movement for the protection of human rights – establishment of U.N. and its agencies.

Module II: Universal Declaration of Human Rights – International convention on Civil and Political Rights – International convention on social economic and cultural rights

Module III: Convention on the rights of the Child – Convention on elimination of all forms of Discrimination against women.

Module IV: European convention on Human Rights, American Convention on Human Rights and African Convention on Human Rights.

Module V: Asian scenario – need for a convention.

Suggested Readings:

1. David Schmidtz and Jason Brennan, *A Brief History of Liberty*, Wiley Blackwell, West Sussex, U.K. (2010)
2. The Raoul Wallenberg Institute Professional Guides to Human Rights, *Human Rights and Policing* (Second Revised Edition), MartinusNijhoff Publishers, Boston (2007)
3. Ida Elisabeth Koch, *Human Rights as Indivisible Rights*, MartinusNijhoff Publishers, Boston (2009)
4. Ren'e Provost, *International Human Rights and Humanitarian Law*, Cambridge University Press, Cambridge, (2004)
5. Carmen Tiburcio, *The Human Rights of Aliens under International and Comparative Law*, MartinusNijhoff Publishers, Boston (2001)
6. Daniel FriedmannAnd Daphne Barak-Erez (Edr), *Human Rights in Private Law*, Hart Publishing, Oxford (2001)
7. Gene M. Lyons and James Mayall(Edr), *International Human Rights in the 21st Century-ProtectingtheRightsof Groups*, Rowman& Littlefield Publishers, Inc. New York (2003)
8. Francisco Forrest Martin, et all, *International Human Rights and Humanitarian Law-Treaties, Cases And Analysis*, Cambridge University Press, Cambridge, (2005)

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9. Gudmundur Alfredsson et al., *International Human Rights Monitoring Mechanisms*, (2nd Revised Edition) MartinusNijhoff Publishers, Boston (2009)
10. Dr. Bertrand G. Ramcharan (Edr.), *Judicial Protection Of Economic, Social And Cultural Rights: Cases And Materials*, MartinusNijhoff Publishers, Boston, (2005)
11. Helen Fenwick et al (Edrs) *Judicial Reasoning Under The UK Human Rights Act*, Cambridge University Press, Cambridge (2007)
12. Malcolm Langford, (Edr.), *Social Rights Jurisprudence*, Cambridge University Press, Cambridge (2009)
13. Nihal Jayawickrama (Edr.) *The Judicial Application Of Human Rights Law-National, Regional and International Jurisprudence*, (2002) Cambridge University Press, Cambridge (2002)
14. Miriam Aziz, *The Impact of European Rights on National Legal Cultures*, Oxford And Portland Oregon (2004)
15. Shiv R S Bedi, *The Development of Human Rights Law by the Judges of the International Court of Justice*, Hart Publishing, Portland (2007)
16. The Danish Institute for Human Rights, *African Human Rights Complaints Handling Mechanisms*, (2008)
17. Vladimir Tochilovsky, *Jurisprudence of the International Criminal Courts and the European Court of Human Rights, Procedure and Evidence*, MartinusNijhoff Publishers, Boston (2008)
18. Terry Johnson, *Legal Rights*, Facts On File, Inc. New York (2005)
19. Juliet A. Williams, *Liberalism and The Limits Of Power*, Palgrave Macmillan, New York, (2005)

Paper II. Human Rights and the Indian Legal System

4 Credits

Course objectives:-

The course intends to examine the Indian Constitution and its compatibility with international human rights law. It aims to identify and learn the Indian laws on human rights protection and its enforceability in Indian situations. The effectiveness of national mechanism in enforcing international human rights is one of the ideals of UN which is examined herewith. To identify the scope of Indian constitution in introducing international human rights doctrines in to the domestic law and the role of Indian judiciary in enforcing human rights in India is also an objective of this course.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level	
After completing the course, the students will be able to			
CO 1	Identify the international human rights in the Indian Constitution.	Evaluation	
CO 2	To use the platforms like judiciary and	Creation	

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	human rights commissions for the protection of the rights of the citizens.	
CO 3	To train the students to become human right lawyers, teachers and judges	Application
CO 4	Enable the students to examine the Indian legislations from an international human rights perspective.	Creation

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	2	3	2	3

1-Slightly 2-Moderately 3-Substantially

Course Content

Module I: Human Rights and the Constitution of India- Fundamental rights rights and the Directive Principles of State Policy- comparison with UDHR, ICCPR and ICESCR, CRC and CEDAW- incorporation of international human rights norms into the domestic system-case laws.

Module II: Human Rights and law enforcement agencies like officials of police, customs, officials under the NDPS Act, etc.- legislations-case laws

Module III: Enforcement agencies for human rights – Human rights commission, Children’s Rights Commission, Women’s Commission, Minority Commission etc,-legislations- case laws

Module IV: Development activities of the state and human rights –balancing of interests-legislations- case laws.

Module V: Human rights and higher judiciary-protection of women, children, disabled persons, senior citizens, tribal, socially and economically backward class-prisoners and other marginalised group and the contribution of judiciary

Suggested Readings:

1. Mahendra Pal Singh, Vijaya Narain Shukla (Edrs), V.N. Shukla's Constitution of India, Eastern Book Company, (2008)
2. J. C. Johari, The Constitution of India A Politico-Legal Study, Sterling Publishers Private Limited, New Delhi (2007)

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3. Mahabir Prashad Jain, Samaraditya Pal, Ruma Pal, (Edrs), M.P. Jain Indian Constitutional Law: With Constitutional Documents, Volume 1lexisnexis Butterworths Wadhwa Nagpur, 2010
4. T. S. N. Sastry, India and Human Rights: Reflections, D.K. Agencies (P) Ltd. (2005)
5. K. Sircar, Protection of Human Rights in India, Asia Law House, (2004)
6. Rachana Kaushal, Women and Human Rights in India, Kaveri Books, (2000)
7. C. J. Nirmal, Human Rights in India: Historical, Social, and Political Perspectives, Oxford University Press, (2002)
8. G. S. Bajwa, Human rights in India: implementation and violations, Anmol Publications, (1995)
9. K. P. Saksena, Human Rights: Fifty Years of India's Independence, Institute for World Congress on Human Rights, (1999)
10. S.N. Chaudhary (Edr). Human Rights And Poverty In India: Theoretical Issues And Empirical Evidences, DK Agencies (P) Ltd. (2005)
11. Arun Ray, National Human Rights Commission of India: Formation, Functioning and Future Prospects, Volume 1 & 2 Khama Publishers, New Delhi (2004)
12. Raja Mutthirulandi, Human rights: the constitution and statutory institutions of India, Soorya Pathippakam, (1998)
13. Gokulesh Sharma, Human Rights And Social Justice, Deep And Deep Publications Private Ltd. New Delhi (2007)
14. Developing Human Rights Jurisprudence: A Third Judicial Colloquium on the domestic application of international human rights norms, commonwealth secretariat (1991)
15. Human Rights Commissions: A Citizen's Handbook (Revised Edition 2006), Common wealth Human Rights Initiative (CHRI)

Paper III Science, Technology and Human Rights

4 Credits

Course objectives: -

The course identifies the unique challenges raised by science and technology in human rights protection. To demonstrate the fact that the science and technology will also become counterproductive in the case of human rights conservation. To realize the severe and ever-emerging ethical concerns raised by medical science over the human rights of the population. To identify and resolve the ethical concerns projected by the science technology and human rights. To identify the social concerns raised by scientific advancement and to balance the conflicting interest between various stakeholders.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level
After completing the course, the students will be able to		
CO 1	Link science and technology with human	Analysis

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	rights	
CO 2	To build lawyering in medico legal cases	Creation
CO 3	To enable the students to choose to work with multi-disciplinary establishments	Application
CO 4	Implement the theoretical parts into practice by working in ethical committees	Application
CO 5	To build insights of emerging trends relevant for design for legal curriculum.	Creation

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3	3	3
CO2	3	1	3	3	3
CO3	2	3	3	3	3
CO4	3	2	1	2	3
CO5	2	3	3	3	2

1-Slightly 2-Moderately 3-Substantially

Course Content

Module I: Religion and science – development of science and its impact on traditional values – conflict between Science and religion – Impact of scientific development in social values and Human Rights.

Module II: Negative impact of Science and Technology on social values and social well being – need for control of research.

Module III: Methods of control of scientific research – ethical and moral codes – international norms – national legal measures.

Module IV: Role of law in maintaining balance between scientific development and protection of human rights.

Module V: Role of non-governmental agencies and judicial bodies such as courts, tribunals, commissions in generating continuous debate on the interrelationship of science, technology – and human rights.

Suggested Readings:

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SCHOOL OF LEGAL STUDIES

1. Richard Pierre Claude, Science In The Service Of Human Rights, University of Pennsylvania Press (2002)
2. Bertrand Russell, The Impact Of Science On Society, Unwin Hyman (1952)
3. David L. Gosling, Science and the Indian Tradition: When Einstein Met Tagore, Routledge (2007)
4. Joseph Agassi, Science and Its History: A Reassessment of the Historiography of Science, Springer(2008)
5. Makarand R. Paranjape (Edr.) Science, Spirituality And The Modernization Of India, Anthem Press New Delhi (2008)
6. Henri Atlan, Enlightenment to Enlightenment: Intercritique of Science and Myth, state university of New York (1986)
7. Andrew Ede, Lesley B. Cormack, A History of Science in Society: From Philosophy to Utility, university of Toronto press incorporated (2012)
8. William Dampie, A History of Science and Its Relations with Philosophy and Religion, Cambridge (1971)
9. Charles Singer, A Short History Of Science To The Nineteenth Century, General Publishing Company Ltd. Toronto (1997)
10. Robin Levin Penslar, Research Ethics: Cases and Materials, Indiana university press (1995)
11. Oliver, Paul, The Student'S Guide To Research Ethics, Open University Press (2010)
12. Deni Elliot & Judy E. Stern (Edrs), Research Ethics: A Reader, University Press New England (1997)
13. Ezekiel J. Emanuel Et Al, The Oxford Textbook Of Clinical Research Ethics, Oxford (2008)
14. Mark Israel & Iain Hay Research Ethics For Social Scientists,
15. Timothy F. Murphy, Case Studies In Biomedical Research Ethics, Massachusetts Institute Of Technology (2004)
16. Paul Murray Mcneill, The Ethics And Politics Of Human Experimentation, Cambridge (1993)
17. Hazel Biggs, Euthanasia, Death With Dignity And The Law, Oxford (2001)
18. John Keown, Euthanasia, Ethics and Public Policy: An Argument Against Legalisation, Cambridge (2002)
19. Gail Tulloch, Euthanasia, Choice and Death, Edinburgh university press ltd. (2005)
20. Craig Paterson Assisted Suicide and Euthanasia: A Natural Law Ethics Approach,
21. Henry Friedlander, The Origins of Nazi Genocide: From Euthanasia to the Final Solution, henry Friedlander (1995)
22. John Keown, Abortion, Doctors and the Law: Some Aspects of the Legal Regulation of abortion in England from 1803to 1982, Cambridge (1988)
23. Jay L. Garfield & Patricia Hennessey (Edr.), Abortion, Moral and Legal Perspectives,
24. Rickie Solinger , Abortion Wars: A Half Century of Struggle, 1950-2000, university of California press (1998)

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25. Celeste M. Condit, Decoding Abortion Rhetoric: Communicating Social Change, University Of Illinois (1990)
26. Barbara MacKinnon, Human Cloning: Science, Ethics, and Public Policy, University Of Illinois (2000)
27. Ronald Cole-Turner (Edr.) , Human Cloning: Religious Responses, Ronald Cole-Turner (1997)
28. Leon Kass,&James Q. Wilson, The Ethics of Human Cloning, AEI Press (1998)
29. Maria Aline Seabra Ferreira, I Am The Other: Literary Negotiations Of Human Cloning, Ferreira Maria Aline Seabra (2005)
30. Seamus Burns, The Law of Assisted Reproduction, Bloomsbury Professional, (2012)
31. Report on Human Artificial Reproduction and Related Matters - Ontario Law Reform Commission, Ontario Law Reform Commission, 1985
32. Donald Evans, Neil Pickering (Edr.) Creating the Child: The Ethics, Law, and Practice of Assisted Procreation, Kluwer (1996)

Paper IV. International Refugee and Humanitarian Law

4 Credits

Course Objectives: -

The world has witnessed several wars and armed conflicts which has caused hardships to soldiers and civilians. Humanitarian law was developed with an aim to protect those wounded and sick individuals as well as to alleviate their sufferings. The refugee law provides a framework for providing protection to refugees all over the world irrespective of their nationality. Recent decades have witnessed large scale refugee problem all over the world. This course is designed in such a way to provide a deeper understanding about the various rules and principles developed under international law to protect the sick and wounded individuals, regulation of war, use of weapons, treatment of prisoners of war and for the protection and assistance of refugees.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level
After completing the course, the students will be able to		
CO 1	To understand the the scope and nature of protection available to wounded and sick soldiers and civilians under international law framework.	Evaluation
CO 2	To compose the scope of various international instruments dealing with the protection of prisoners	Creation
CO 3	To measure the role played by ICRC for establishing a framework of law of war and protection of sick and wounded as well as civilians	Evaluation

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CO 4	To link the scope of international human rights instruments for the protection of refugees	Analysis
CO 5	Assess the role of UNHRC in protection and promotion of the rights of refugees	Evaluation

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	1	3	3
CO2	3	3	3	3	3
CO3	3	2	1	3	3
CO4	3	2	3	3	3
CO5	2	3	3	3	2

1-Slightly 2-Moderately 3-Substantially

Course Content

Module I: Definition of refugee – historical development of refugee

Module II: Concept of refugee – international and regional instruments – Role of U.N.H.C.R. in protecting refugee.

Module III: Concept of refugee – national practices – an Indian perspective-legislations and case laws

Module IV: Evolution of International Humanitarian Law – The Geneva Conventions and the Protocols-International Criminal Court and International Humanitarian Law

Module V: Incorporation of humanitarian law into domestic legal system -, military law – role of International Committee of Red Cross.

Suggested Readings:

1. Marco Sassoli, International Humanitarian Law, Edward Elgar Publications, 2019.
2. A.G. Noorani, (South Asian Human Rights Documentation Centre), Challenges to Civil Rights Guarantees in India (Oxford University Press, 2012).
3. V.S.Mani (Ed). Handbook of International Humanitarian Law (Oxford University Press, 2007).
4. James C. Hathaway, The Rights of Refugees Under International Law, Cambridge University Press, 2005
5. University Press, 2005
6. B S Chimni, International Refugee Law, Sage Publications, 2000.

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7. Rajan Varghese & Rose Varghese (Ed.), Introduction to International Humanitarian Law, Indian Centre for Humanitarian Law and Reserach, New Delhi, 1997.
8. Feller (Ed.), Refugee Protection in International Law, Cambridge University Press, 2009
9. David Weissbrodt, Refugees-The Human Rights of Non-citizens, Oxford, OUP, 2008
10. Goodwin Gill, Guy S., McAdam, Jane, The Refugee in International Law, Third Revised Edition, Oxford University Press, 2007

ELECTIVES

I. Natural Rights and Duties: Origin and Development

4 Credits

Course Objectives: -

The course offers critical insight into the concept of rights and its evolutionary background. The foundations of right in various theories and its nature can be examined. The question of treating right as a part of natural law or as a state given right can be explored through this course. The jural relationship between right and duties can be examined through this course. The constitutional limitations of rights and its reasonableness can be examined through this course.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level
After completing the course, the students will be able to		
CO 1	Write the concept of rights and duties	Creation
CO 2	Interptet law effectively and contextually	Understanding
CO 3	Articulate the constitutional and statutory structuring of rights and its relevance and intention	Application
CO 4	Detect the scheme of social relationships and obligations	Evauation
CO 5	Display the qualities of a good jurist	Application

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	3
CO2	1	3	3	3	3
CO3	3	2	3	3	3
CO4	3	2	3	3	3

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CO5	2	3	3	3	2

1-Slightly 2-Moderately 3-Substantially

Course Content

Module I: Natural Rights Origin and development in western legal thought – Theories of right-social and individual rights- natural rights in Indian context.

Module II: Duties – Origin – development in western thought – Duties in Indian Legal thoughts.

Module III: Natural rights and the Constitutions of USA and Indian – Enforcement

Module IV: Duties and Common law system – Duties and the Indian Constitution – enforcement

Module V: Rights and duties under the Indian Legal system.

Suggested Readings

1. Friedman W., Legal Theory. (Fifth Edition), Universal Law Publishing Co-Pvt. Ltd.
2. Robert P. George (Edr.), Natural Law Theory: Contemporary Essays, Oxford (1992)
3. Howard P. Kainz, Natural Law: An Introduction and Re-examination, Open Court Publishing Company, (2004)
4. Peter James Stanlis, Edmund Burke and the Natural Law, New Brunswick, New Jersey, (2009)
5. John Finnis, Natural Law and Natural Rights, Oxford University Press, Oxford (2011)
6. John Locke, Two Treatises Of Government,
7. John Stuart Mill, On Liberty,
8. Wayne Morrison, Jurisprudence from the Greek to Post-Modernism (1997).
9. Holand Sir R.W.M., Thomas Erskine Holland The Elements of Jurisprudence 2001, Universal law Publishing Co Pvt. Ltd.
10. Freeman M.D.A. Lloyd's, Introduction to Sweet and Maxwell Jurisprudence (7th Edition).
11. Dias Jurisprudence (Fifth Edition), Aditya Books, Butterworths.
12. P.J. Fitzgerald, Salmond on Jurisprudence (12th Edition) Universal Law Publishers
13. Bodenheimer, Edgar, Jurisprudence The Philosophy and Method of the Law, (Revised Edition) 1996 Universal Book Traders, New Delhi.
14. J. W. Harris, *Legal Philosophies*, Oxford University Press (1980).
15. Suri Ratnapala, *Jurisprudence*, Cambridge University Press (2016)
16. P. J. Fitzgerald, *Salmond on Jurisprudence*, Universal Law Publishing Co., New Delhi, (2014)

II. Human Rights and the Weaker Sections

4 Credits

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Course objectives: -

The human rights issues faced by vulnerable are one of the greatest concerns of the present day. It is important to realize the meaning of the concept of vulnerability for identifying and addressing the challenges faced by vulnerable population in their different walks of life. The course will help to reexamine the law and policy in India for the protection of vulnerable population. To suggest improvements to the laws for the protection of vulnerable population in the context of international human rights law and other national laws and policies can be made possible. To study the effectiveness of various bodies and institutions constituted by the government for the protection of various classes of vulnerable populations is also made possible through the course.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level
After completing the course, the students will be able to		
CO 1	Assess the various rights and legislations available for the protection of vulnerable population	Evaluation
CO 2	To test the application of these laws in real life	Evaluation
CO 3	Write research papers in these areas	Creation
CO 4	Implement these laws by working with NGO's	Application

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	2	3	2	3

1-Slightly 2-Moderately 3-Substantially

Course Content

Module I: Protection of women's rights – international law- Constitution of India- legislations and case laws.

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Module II: Protection of rights of children – Constitution of India- legations and case laws.

Module III: Protection of minorities- Constitution of India- legations and case laws.

Module IV: Protection of Scheduled Castes and Scheduled Tribes legislations- Constitution of India- legations and case laws.

Module V: International move for protection of aboriginal rights-national perspectives

Suggested Readings:

1. Kären Hess, Christine Orthmann, John Wright, *Juvenile Justice*, Wadsworth, Belmont (2012)
2. John Winterdyk, *Juvenile Justice Systems: International Perspectives*, Canadian Scholars Press Inc. Ontario (2002)
3. J. Eric Smithburn, *Cases and Materials in Juvenile Law 2002*, LexisNexis, (2002)
4. Larry Siegel, Brandon Welsh, *Juvenile Delinquency: Theory, Practice, and Law*, Wadsworth, Belmont (2015)
5. Eric L. Jensen, Jørgen Jepsen (Edr.) *Juvenile Law Violators, Human Rights, and the Development of New Juvenile Justice Systems*, Onati International Series in Law and Society, (2006)
6. Klaus Dieter Beiter, *The Protection of the Right to Education by International Law: Including a Systematic Analysis of Article 13 of the International Covenant on Economic, Social and Cultural Rights*, Martinus Nijhoff Publishers, (2006)
7. Pannikar and M. Bhaskaran Nair, *Globalization and Higher Education in India*: Dorling Kindersly (India) Pvt. Ltd. (2012)
8. B. Deka, *Higher Education in India: Development and Problems*, Atlantic Publishers and Distributors, New Delhi (2000)
9. Satish Deshpande and Usha Zacharias, *Beyond Inclusion: The Practice of Equal Access in Indian Higher Education*, Taylor & Francis Group, (2013)
10. Halil Dundar, Jennifer Grant Haworth, *Improving Women's Access to Higher Education: A Review of World Bank Project Experience*, Volume 1106 World Bank Publications, 1993
11. Marsha A. Freeman, Christine Chinkin, Beate Rudolf (Edrs) *The UN Convention on the Elimination of All Forms of Discrimination Against Woman A Commentary*, Oxford, (2012)
12. Josephine Effah, Dulue Mbachu, Sonny Onyegbula, *Unequal rights: Discriminatory Laws and Practices against Women in Nigeria Constitutional Rights Project*, (1995)
13. Kumud Sharma (Edr.), *Changing the Terms of the Discourse: Gender, Equality and the Indian State*, Pearson

III. Experiments Involving Humans - Human Rights Issues

4 Credits

Course Objectives: -

By the wake of science and technology the research interventions in human beings are evolving and the legal and ethical challenges are also emerging. The law and ethics of human experimentation is thus worth learning. The course tries to introduce the fundamental

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legal and ethical principles relating to human experimentation. It will create awareness among researchers and students from different discipline to learn the ethical and legal dimensions of research involving human subjects. The course can help to have creative debates in the area and will enable to suggest improvements for the law. The outlook of scientific and legal scholars about the area can be made refined and accurate.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level	
After completing the course, the students will be able to			
CO 1	Define the ideas of human experimentation with clarity	Remembering	
CO 2	Explain the rights of the research subjects better	Analysis	
CO 3	Review law relating to clinical and biomedical research and suggest changes	Evaluation	
CO 4	Write research papers in this vital area	Creation	
CO 5	Facilitate interdisciplinary approach and research with other branches of knowledge and to address the challenges in this area in a holistic manner.	Creation	

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	3
CO2	3	2	3	3	3
CO3	3	3	3	3	3
CO4	3	3	2	2	3
CO5	2	3	3	3	2

1-Slightly 2-Moderately 3-Substantially

Course Content

1. Research on human beings – issues – Clinical trials – human experimentation – controls.
2. Life prolonging mechanisms – concept of death – euthanasia-legislations-case laws
3. Abortion — organ transplantation -issues involved therein- legislations-case laws

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4. Cloning – reproductive cloning – therapeutic cloning- international norms- Indian scenario- legal framework-case laws
5. Reproductive technologies – artificial insemination – in-vitro fertilization – surrogacy- legal framework in India- case laws

Suggested Readings

1. Robert J. Levine, *Ethics and Regulation of Clinical Research* (1988), Yale University Press, New Haven.
2. Jonathan Herring, *Medical Law and Ethics*, Oxford University Press.
3. Emily Jackson, *Medical Law: Texts Cases and Materials*, Oxford University Press.
4. Bonnie F. Fremgen, *Medical Law and Ethics*, Prentice Hall.
5. *Bioethics, Medicine and the Criminal Law*, (Edited Book in 3 Volumes), Cambridge University Press
6. George P. Smith, *Human Rights and Biomedicine*, Nijhoff Publications
7. Shaun D. Pattinson, *Medical Law and Ethics*, Sweet and Maxwell, London
8. Vijay Malik, *Law Relating to Drugs & Cosmetics*, Eastern Book Company, (2018).
9. Ulf Schmidt, Andrews Frewer (eds.), *History & Theory of Human Experimentation*, Franz Stainer, (2007).
10. ICMR, National Ethical Guidelines for Biomedical and Health Research, 2017.

IV. International Crimes and Criminal Tribunals

4 Credits

Course Objective: -

This course is intended to get the students familiarized with the various international crimes and to know why they are termed international crimes. The course will also enable the students to understand the need for creating such crimes and international redressal forum.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level
After completing the course, the students will be able to		
CO 1	Link between the International Humanitarian Law and the Human Rights Law	Evaluation
CO 2	Critical look at the judgments of International Criminal Court to find out whether ICC serves its purposes	Evaluation
CO 3	Write research papers in this area	Creation

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	3

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CO2	3	2	1	3	3
CO3	3	3	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Content

Module I: Aggression, threat of aggression, intervention and colonial domination

Module II: Genocide, Apartheid, systematic mass violation of human rights – war crimes

Module III: International Terrorism – crime against U.N. and Associated personnel – Illicit traffic in narcotic drugs – willful and severe damage to the Natural environment

Module IV: Implementation of International Criminal laws through International Criminal Tribunals – Nuremberg and Tokyo Tribunals – International tribunal for former Yugoslavia – International criminal Tribunal for Rwanda

Module V: Permanent International Criminal Court- Victim Participation and witness protection

Suggested Readings

1. Schabas, William A., Genocide in international law the crimes of crimes, Cambridge University Press 2000.
2. Robert Cryer, Prosecuting international crimes selectivity and the international criminal law regime, Cambridge University Press, 2005.
3. Kelly Dawn Askin, War crimes against women prosecution in International war crimes tribunals, Kluwer Law International, 1995
4. Ole Spierman, International legal argument in the permanent court of international justice the rise of the international judiciary, Cambridge University Press, 2005
5. Satish Chandra, International Terrorism and its Control, Allahabad Vohra Publications, 1989.
6. Andria Bianchi (ed.), Enforcing International Law norms against Terrorism, Oxford & Portland, 2004.
7. William Schabas, The International Criminal Court: A Commentary on Rome Statute, Oxford University Press, 2016.

V. Affirmative Action by the State and its Impact on Human Rights

4 Credits

Course Objectives: -

The course will enable a candidate to understand the problems faced by public due to state action. The need for regulating the state power will be examined through the course. The need for fairness and equality in state approach for social and economic stability of a nation can be explained to the students. The models of attaining social equality can be studied and examined for its efficacy through this course.

COs and Revised Bloom's Taxonomy Level

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Course Outcomes (COs)		Bloom's Taxonomy Level
After completing the course, the students will be able to		
CO 1	Articulate the issues faced by arbitrary use of power by the state	Application
CO 2	Assess the rights of public in various state-individual interfaces	Evaluation
CO 3	Assess the concept and significance of access to information	Evaluation
CO 4	Detect the issues and challenges caused by environment-development	Evaluation

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	2	3	2	3

1-Slightly 2-Moderately 3-Substantially

Course Content

- Module I:** Developmental projects-human rights issues- right to development v right to environment- balancing- role of judiciary.
- Module II:** Housing – Impact of public Housing Boards – Procedure for acquisition of land – valuation-legislations- case laws.
- Module III:** Propertisation of human rights – Labour right assuming the role of property right (closed shop) (Tappers rights etc.)
- Module IV:** State actions, security reasons and freedom of information of public – Atomic Energy Law-legislations-case laws.
- Module V:** Consumer Protection – Exclusion of governmental agencies –role of judiciary.

Suggested Readings

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SCHOOL OF LEGAL STUDIES

1. Weaver, James H Rock, Michael T Kusterer, Kenneth, Achieving broad-based sustainable development governance, environment and growth with equity, Rawat Publications, 2003.
2. Lyle Scruggs, Sustaining abundance environmental performance in industrial democracies, Cambridge University Press, 2003.
3. S. Bhatt, Environmental protection and sustainable development, APH Publishing 2004.
4. Peter P. Rogers, Kazi F. Jalal and John A, An Introduction to Sustainable Development, Earthscan (2008)
5. David William Pearce, Edward Barbier and Anil Markandya, Sustainable Development: Economics and Environment in the Third World, Edward Edgar Publishing Limited (1990)
6. Giles Atkinson, Simon Dietz, Eric Neumayer and Matthew Agarwala (Eds.), Handbook of Sustainable Development, (Second Edition) Edward Edgar Publishing Limited (2014)
7. Livio D. DeSimone and Frank Popoff, Eco-efficiency: The Business Link to Sustainable Development, MIT Press (2000)
8. Randy T. Simmons, Property and the Public Trust Doctrine, PERC (Bozeman, Mont.) (2007)
9. Anderman, Steven D., Labour law management decisions and workers' rights, Butterworths, 1993.
10. K. D. Ewing, Bonfire of the liberties New Labour, human rights, and the rule of law, Oxford University Press, 2010.
11. Verma, R K., Right to Information Law and Practice, Taxmann Publications, 2009.
12. Macdonald, John Crail, Ross Jones, Clive H., The Law of Freedom of Information, Oxford University Press, 2009.
13. Astha Saxena, Land Law in India, Routledge, 2020.

VI. Genetic Engineering and Human Rights

4 Credits

Course Objectives: -

The challenges posed by evolving scientific advancements can be examined through this course from the context of human rights. The socio-ethical concerns raised by genetic engineering can be explored through this course. The need for a law regulating genetic technologies and its form and compatibility will be one of the important concerns of this course.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level	
After completing the course, the students will be able to			
CO 1	To assess the aim, scope and significance of		Evaluation

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SCHOOL OF LEGAL STUDIES

	research.	
CO 2	To write effective doctrinal as well as non-doctrinal legal research using fundamental tools of research.	Creation
CO 3	To articulate and formulate a research problem and design their research work.	Application
CO 4	To write research papers, articles, notes, case comments etc. using standard forms of legal citations.	Creation

1. The course will help to analyse the international human rights norms on regulating science and technology.
2. The threats posed by genetic technologies internationally and various national legal systems can be explored.
3. The compatibility of international norms for regulating experiments on human beings can be evaluated.
4. The use of genetic technologies for agriculture and other purposes can be examined and the concerns raised by it can be effectively researched.

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	2	3	2	3

1-Slightly 2-Moderately 3-Substantially

Course Content

Module I: The meaning of genetic Engineering – Ethical, moral, religions, social and legal issues

Module II: Genetically Modified organisms – Benefits as well as demerits – need for regulation National as well as international norms

Module III: Human Genome Project – impact on human rights and law

Module IV: Genetic Engineering in agriculture – terminator seeds – Effect of globalization on agriculture

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Module V: Genetic engineering and experimentation on human beings – International norms.

Suggested Readings

1. M.D.A. Freeman, Law and Bioethics, Oxford University Press, (2008)
2. Reiss, Michael J Straughan, Roger, Improving Nature: The Science and Ethics of Genetic Engineering, Cambridge University Press, 1996.
3. D. Virchow, Conservation of genetic resources costs and implications for a sustainable utilization of plant genetic resources for food and agriculture, Springer, 1999
4. The state of the world's plant genetic resources for food and agriculture, Food and agriculture organization of the United Nations, 1998
5. Carol Levine (ed.), Taking sides clashing views on controversial bio-ethical issues, Dushkin Publishing, 1984.
6. Han Somen (ed.), The regulatory challenge of biotechnology human genetics, food and patents, Edward Elgar, 2007.
7. Andrea Boggio, Cesare P. R. Romano (eds.), Human Germline Genome Modification and the Right to Science, Cambridge University Press, 2020.
8. Francesco Francioni (ed.), Biotechnologies and International Human Rights, Oxford University Press, 2007.

VII. Environment and Human Rights

4 Credits

Course objectives: -

The course helps to identify the relevance of development and environment protection from the perspective of human rights. To examine the interrelationship of environment and human rights doctrine internationally is of high significance. To identify the relevance and extent of applicability of international environmental documents in Indian situations can also be understood. To demonstrate the conflicting human rights concerns raised by the development and environmental conservation challenges in India will be demonstrated to the students. To examine the scope and effectiveness of environmental doctrines like sustainable development, public trust doctrine, polluter's liability etc in India can be explained. To make analysis of emerging environmental challenges like renewable energy, climate change, etc.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level	
After completing the course, the students will be able to			
CO 1	To assess the aim, scope and significance of research.	Evaluation	
CO 2	To write effective doctrinal as well as non-doctrinal legal research using fundamental tools of research.	Creation	
CO 3	To articulate and formulate a research	Application	

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	problem and design their research work.	
CO 4	To write research papers, articles, notes, case comments etc. using standard forms of legal citations.	Creation
CO 5	To build insights of emerging trends relevant for design for legal curriculum.	Creation

1. To develop model policy statements on the emerging development challenges in India and also at the International level.
2. To comment and critically appreciate the new legal documents governing environmental and development issues.
3. To identify new methods for resolving lifelong environmental challenges like sustainable use of resources, forest conservation, environment pollution etc.
4. To train students as good environmentalists.
5. Enabling the students to address the social and environmental concerns in a balanced manner in their profession.

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	2	3	2	3
CO5	2	3	3	3	2

1-Slightly 2-Moderately 3-Substantially

Course Content

Module I: The concept of environment – place of man in environment – impact of human intervention – development of science and technology – concept of sustainable development

Module II: International norms to create a harmonious relation between man and environment

Module III: Legal provisions in India – Constitutional norms – fundamental duties to protect environment

Module IV: Judicial contribution in preservation of environment

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Module V: The tribes and the environment – national as well as international responses.

Suggested Readings:

1. Peter P. Rogers, Kazi F. Jalal and John A, An Introduction to Sustainable Development, Earthscan (2008)
2. David William Pearce, Edward Barbier and Anil Markandya, Sustainable Development: Economics and Environment in the Third World, Edward Edgar Publishing Limited (1990)
3. Giles Atkinson, Simon Dietz, Eric Neumayer and Matthew Agarwala (Edrs.), Handbook of Sustainable Development, (Second Edition) Edward Edgar Publishing Limited (2014)
4. Livio D. DeSimone and Frank Popoff, Eco-efficiency: The Business Link to Sustainable Development, MIT Press (2000)
5. Arjun Sengupta, Archana Negi and Moushumi Basu (Edrs.) Reflections on the Right to Development, Sage (2005)
6. Daniel Aguirre, The Human Right to Development in a Globalized World, Ashgate (2008)
7. Subrata Roy Chowdhury, Erik M. G. Denters, Paul and J. I. M. de Waart (Edrs.), The Right to Development in International Law, Kluwer (1992)
8. P. Leelakrishnan, *Environmental Law in India*, Lexis Nexis, (2018)
9. Yash P. Ghai, & Y. K. Pao, Whose Human Right to Development?, Commonwealth Secretariat, (1989)
10. Isabella D Bunn, The Right to Development and International Economic Law: Legal and Moral Dimensions, Hart Publishing Limited (2012)
11. Mohammad Naseem, Environmental Law in India, Kluwer (2011)
12. Randy T. Simmons, Property and the Public Trust Doctrine, PERC (Bozeman, Mont.) (2007)
13. Randal David Orton, Inventing the Public Trust Doctrine: California water law and the Mono Lake controversy, University of California, Los Angeles, (1992)
14. Molly Selvin, The Public Trust Doctrine in 1985, Rand Corporation, (1985)
15. Mary Christina Wood, Nature's Trust: Environmental Law for a New Ecological Age, Cambridge (2014)
16. Gurdip Singh, *Environmental Law*, Eastern Book Company, (2016)
17. Harrison Case Dunning, The Public Trust Doctrine in Natural Resources Law and Management: Conference Proceedings, University of California, (1981)
18. Lambert M. Surhone et al, Public Trust Doctrine, Betascript Publishing, (2010)
19. Martin Frick, The Polluter Pays Principle as a Swiss Constitutional Principle: The Relevance of EC Experience, Stämpfli, (2002)
20. Roy E. Cordato, The Polluter Pays Principle: A Proper Guide for Environmental Policy, Institute for Research on the Economics of Taxation, (2001)
21. Elli Louka, International Environmental Law: Fairness, Effectiveness, and World Order,

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22. Sunayana Ganguly, Deliberating Environmental Policy in India: Participation and the Role of Advocacy, Routledge (2015)

23. Shyam Divan and Armin Rosencranz, Environmental Law and Policy in India: Cases, Materials, and Statutes, Oxford University Press, (2001)

VIII. Law Enforcement Agencies and Human Rights

(4 Credits)

Course Objectives: -

The major human rights challenges posed by law enforcement by state will be discussed in this course. This course will help to narrate the significance of civil and political rights identified internationally. The extent of incorporating the international human rights in India will be focused in this course. The competency of Indian criminal major legislations to ensure the rights of accused and arrested persons in criminal process will be explored in this course and the improvements for the law can be identified. The role of judiciary in ensuring the rights of various stakeholders law enforcement can be made known to the students through this course.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level
After completing the course, the students will be able to		
CO 1	To assess the aim, scope and significance of research.	Evaluation
CO 2	To write effective doctrinal as well as non-doctrinal legal research using fundamental tools of research.	Creation
CO 3	To articulate and formulate a research problem and design their research work.	Application
CO 4	To write research papers, articles, notes, case comments etc. using standard forms of legal citations.	Creation
CO 5	To build insights of emerging trends relevant for design for legal curriculum.	Creation

1. Students will get a deep insight into the limitations over the powers enjoyed by various law enforcement agencies and it will contribute to effective criminal law practice.
2. Students will get effective idea about the criminal procedure laws.
3. Students will be made known about the international and national human right principles relating to an accused and arrested person.

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4. The scope and content of various socio-economic legislations in India will be taught to the students through this course.
5. On the successful completion of the course a student can be an expert on the nuances of criminal law and human rights law.

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	3
CO2	2	3	3	3	3
CO3	3	2	3	3	3
CO4	3	2	3	2	3
CO5	2	3	2	3	2

1-Slightly 2-Moderately 3-Substantially

Course Content:

- Module I:** Human Rights a conceptual overview- International and regional responses to protection of the persons under the control of the enforcement officials- rights during preventive detention- custody, arrest, remand etc- conventions and principles followed
- Module II:** Human Rights and the police- Police definition- Powers and functions under the criminal procedure code- Human rights violations- illegal arrest or detention- torture, cruel or degrading treatment- custodial death- custodial rape- handcuffing- legal provisions for checking the abuse- judicial response
- Module III:** Human rights violations by other enforcement officials with similar power of police- Customs authorities, Customs Act- powers and functions- abuse of power- provisions enabling human rights violations- response of the judiciary
- Module IV:** Human rights violations by authorities under NDPS Act- powers and functions- judicial responses- how far these decisions differ in principle with that of decisions rendered in questions of human rights violation by the police
- Module V:** Enforcement officials under the Excise Act, FEMA, Income Tax Act, Abkari Act- misuse of powers resulting in human rights violation- judicial decisions- need for fresh look

Suggested Readings

1. OHCHR, Human Rights and Law Enforcement, Professional Training Series Document
2. K. I. Vibute, Criminal Justice, Eastern Book Company, 2004.
3. N Krishna Kumar, Human Rights Violations in Police Custody, SBS Publishers, 2009

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4. Sankar Sen, Human rights and Law Enforcement, Concept Publishing Co., 2002
5. J. C. Chathurvedi, Police Administration and Investigation of Crime, Gyan Books, 2006.
6. Alison McDonald and Andrew Ashworth, Human Rights and Criminal Justice, Ashgate, 2001
7. Stefan Trechsel, Human Rights in Criminal Proceedings, Oxford University Press, 2005

IX Rights of the Accused under the Domestic and International Laws 4 Credits

Course Objectives: -

The course intends to introduce and explain the rights of an accused under criminal proceedings. The accused is facing huge challenges as there exist a state-individual imbalance in criminal process and the same is explained to the students through this course. The salient features of inquisitorial and accusatorial criminal systems are explained to the student through the course. The course intends to explore the best features of an ideal criminal procedure law and the important qualities of a good criminal trial. A comparative picture of these laws is explained to the students through this course. The course will explain the crucial human rights norms in criminal process recognized internationally and nationally.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level	
After completing the course, the students will be able to			
CO 1	Defend the rights of the accused and its significance in different legal systems	Evaluation	
CO 2	Execute these rights while acting as judges	Application	
CO 3	Assess the evolutionary background and the significance of various rights of the accused and it will help a student in its contextual application in criminal law research and practice.	Evaluation	
CO 4	Distinguish between the best and bad ways of collection of evidence and thus become a good practitioner of law	Analysis	
CO 5	Assess the essence of criminal procedure code and evidence law provisions can be better understood through this course.	Evaluation	

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5

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CO1	2	3	3	3	3
CO2	3	2	3	3	3
CO3	3	3	3	3	3
CO4	3	2	3	2	3
CO5	2	3	2	3	2

1-Slightly 2-Moderately 3-Substantially

Course Content

- Module I:** Accused- definition- the accusatorial and inquisitorial systems of criminal trial- rights of accused under the international human rights law- ICCPR, UDHR, European Convention, American Convention- African Charter- other regional documents
- Module II:** Rights of accused under the international humanitarian and criminal law- the Geneva Conventions- International Criminal Courts- other International Criminal tribunals
- Module III:** Rights of accused under Indian Constitutional Law- rights against self incrimination- rights against double jeopardy- ex post facto law- other rights
- Module IV:** Rights under Indian Criminal law- the Code of Criminal Procedure- other legislations
- Module V:** Judiciary's response to violation of the rights by the Police and other law enforcement officials- creation of rights by judiciary.

Suggested Readings:

1. J. A. Andrews (ed.), Human Rights and Criminal Procedure: A Comparative Study, Martinus Nijhoff Publishers, 1982
2. William A Schabas, An Introduction to the International Criminal Court, Cambridge University Press, Cambridge, (2004)
3. Philippe Sands (ed.), From Nuremberg to Hague: The Future of International Criminal Justice, Cambridge University Press, 2003.
4. Kriangsak (et. al.), International Criminal Law, Oxford University Press, 2001
5. Greet-jan Alexander Knoops, *Theory and Practice of International and Internationalised Criminal Proceedings*, Kluwer Law International Publications, 2005
6. Ian Brownlie (et al), Basic Documents on Human Rights, Oxford University Press, 2007
7. Sarah J Summers, Fair Trial: The European Criminal Procedural Tradition and the European Court of Human Rights, Hart Publishing, 2007
8. Alison McDonald and Andrew Ashworth, Human Rights and Criminal Justice, Ashgate, 2001

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9. Stefan Trechsel, Human Rights in Criminal Proceedings, Oxford University Press, 2005
10. K. I. Vibute, Criminal Justice, Eastern Book Company, 2004
11. Glanville Williams, The Proof of Guilt, Hamlyn Lectures, 1963
12. David Fellman, The Defendants Rights under English Law, Wisconsin University, 1966
13. Ranjan Kumar Mishra, Constitutional Rights of Accused and Other Protective Laws, Abhijeet Publications, 2012

X. Farmers' Rights and Globalization

4 credits

Course Objectives: -

The law pertaining to farmers rights is discussed in this course in detail. The farmers' right to use land and cultivate is protected through various legislations and the transformation of such right in globalized economy is discussed herewith. The protection of farmers' right to sell their commodities and earn livelihood will be explained through the course and its protection through law will be learned by students. The influence of trade laws and its impact on farmers' right will be discussed in this course. The effectiveness of various state schemes in protecting rights of the farmers will be analysed in this course. The scope and effectiveness of law in protecting the rights of traditional farmers will also be looked into in this course.

COs and Revised Bloom's Taxonomy Level

Course Outcomes (COs)		Bloom's Taxonomy Level
After completing the course, the students will be able to		
CO 1	Detect various rights of the farmers and to do intense research on the areas relating to farmers rights.	Evaluation
CO 2	Explain the impact of various international trade obligations on national agricultural economy	Analysis
CO 3	Question the inadequacy in national laws for addressing the rights of farmers	Analysis
CO 4	Appraise the role of state and central government in laws on various areas of interest for farmers can be demonstrated on the successful completion of the course.	Analysis
CO 5	Comment on specialized areas relating to this subject.	Evaluation

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5

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CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	2	3	2	3
CO5	2	3	3	3	2

1-Slightly 2-Moderately 3-Substantially

Course Content:

Module I: Farmer- who is? Definitions in various legislations- right to land fair wages and living conditions- legislations

Module II: Right to produce, preserve and sell seed- pre-globalisation and post globalisation scenario- legislative changes- whether there is any conflict between GATT and other international norms and Human rights documents.

Module III: Right as a breeder- impact on the rights of traditional farmers in the globalisation period- legislative changes- whether there is any conflict between GATT and other international norms and Human Rights documents

Module IV: Right to state support- price control, subsidies, making pesticides and fertilizers available- change in the policies in the globalisation and privatisation era

Module V: Other rights- changes, if any, brought by the globalisation.

Suggested Readings

1. Kym Anderson, Tim Josling (eds.), The WTO and Agriculture, Elgar Reference Collection, USA
2. T K Bhaumi (ed.), Doha Development Agenda: A Global View, Penguin Books, India
3. Vibha Mathur, Indian Economy and the WTO: New Challenges and Strategies, New Century Publications, India
4. Merlinda D. Ingo, L. Alan Winters (eds.), Agriculture and the New Trade Agenda Creating a Global Trading Environment for Development, Cambridge University Press.

XI. Human Right to Education –The Changing Trends in India

(4 Credits)

Course Objectives: -

The course is designed to illustrate the significance of right to education as one of the most prominent right for the overall development of humanity. The positioning of right to

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education under the international and national legal framework is thoroughly analysed in this course. The socio-economic barriers in advocating right to education by most legal systems are explained to the students in detail. The constitutional framework and the statutory framework on right education in India is explored so as to explain the effectiveness of Indian legal framework for ensuring benefits of this right to its people. The contributions made by judiciary in creating the right and limiting and enduring its scope will be discussed as a part of this course. The issue of access to education will be the focal point of discussion.

Learning Outcomes

1. The concept of education as a human right and constitutional right will be learned by the students.
2. The Indian constitutional framework of right to education and its limitations will be easily understood by a student on completion of this course.
3. It will help a student as lawyer and as social scientist to research and deliberate on the policy framing on education.
4. The course will enable the student to interpret various statutes in the country focusing on the significance of education and empowerment.
5. The course will enable a student to associate with education NGO's and allied agencies within and outside the country.

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	1	3
CO2	3	2	3	3	3
CO3	2	3	3	3	3
CO4	3	2	3	2	3
CO5	2	3	3	3	2

1-Slightly 2-Moderately 3-Substantially

Course Content:

- Module I:** Right to education- international dimensions from human rights perspective- right to education from WTO perspective – comparison.
- Module II:** The Constitution of India and right to education- judicial contributions- right to education and right to run educational institutions
- Module III:** Minority educational institutions- right to establish and administer- educational institutions- its effect on quality and access to education- need for state control- judicial contributions- legislative measures

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Module IV: Educational institutions run by private entities- self-financing institutions- conflict of right to education and right to benefit from running an educational institution- need for state control- judicial contributions- legislative measures

Module V: Impact of globalization on the education sector in India- problems and solutions- tribal populations and empowerment- access and nature of education

Suggested Readings:

1. Jandhyala B. G. Thilak, The Economics of Inequality in Education, Sage Publications, 1986.
2. M. P. Jain, Indian Constitutional Law, Lexis Nexis, 2018
3. Shailaja Chander, Justice V R Krishna Iyer on Fundamental Rights and Directive Principles, Deep and Deep Publications, 1992.
4. Supreme Court on Educational Institution Cases, Eastern Book Company, 2008.
5. Sharma and Mago, Cases and Material on Education Law,

GROUP I – Intellectual Property Laws

The new trends in international trade ushered in by the WTO and the TRIPS Agreement demand for a serious rethinking on teaching intellectual property laws. Along with this is the fast change in the economic and industrial policies - liberalization and globalization - taking place in our country. The new economic policies, it is assumed, will facilitate the free movement of capital, technology and goods based on new technology across the borders to promote international trade. This is expected to bring in new technology for the industrial and economic development India. It is also expected that there is going to be more investment on the research and development by the local industries to face the new international competition. This demands India to afford better protection for the intellectual property based on the TRIPS Agreement. A critical look at the developmental model reflected in the TRIPS and its feasibility to solve the domestic problems in the changed international context also warrants attention. India has to find out the merits and demerits of the policy choices adopted in the TRIPS and re-negotiate the same when periodical review of this agreement takes place. India also has to find out appropriate policy choices when new treaties are to be negotiated in the new areas. To meet the new challenges of the intellectual property lawyers to tackle the policy and practical issues, the following core and optional courses are designed.

Core – I General Principles of Intellectual Property

(4 Credits)

Course Objective:

This course is intended to introduce the theoretical background of intellectual property protection in the context of TRIPS Agreement. The course will cover various theories of private property protection and its relation to various items protected under the TRIPS. The

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major thrust will be to examine the conflicting philosophical justification for the protection of these items along with their historical evolution and impact on development. The following topics will be discussed for about 60 hours.

Learning Outcomes

Course Outcomes (CO)		Bloom's Taxonomy Level
After the successful completion of the course, students will be able to:		
CO 1	Analyse justifications for different forms of IP protection	Analyse
CO 2	Understand the evolution of the IP system	Understand
CO 3	Appraise how IP acts as a tool for development	Evaluate
CO 4	Formulate policies to use IP to obtain sustainable development	Create
CO 5	Formulate policies on alternatives to IP to foster development	Create

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	2	3
CO2	2	3	2	3	3
CO3	3	3	3	3	3
CO4	3	3	2	3	2
CO5	3	2	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Content

Module I: Theoretical Justification for protection of intellectual property:

Western theories on private property and IP - Marxian theory on private property and IP - Indian theories on private property and IP - Constitutional protection of property and IP.

Module II: Origin and Development of International Intellectual Property Protection:

Historical development of International treaties for protection of IP – Berne Convention, Paris Convention, WIPO Treaties, Audio - Visual Performances Treaty, Marrakesh VIP Treaty – TRIPS Agreement – Forum Shifting - Biodiversity Convention etc.

Module III: Origin and Development of Indian Intellectual Property Protection:

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Historical developments of Copyright, Patent and Design – Trademark – Semiconductor chips – Undisclosed Information - Geographical Indications – Traditional knowledge.

Module IV: Intellectual property protection as a quid pro quo for development/social benefit:

Concept of development – relevance of access to information/knowledge and technology for development – need for balancing IP protection with dissemination/transfer of information/technology - Indian Economy, IP protection and development

Module V: IP and Sustainable Development:

Concept of sustainable development – relationship with IP – protection of genetic resources – traditional knowledge – traditional cultural expressions - issue of misappropriation - R&D and IP protection - International politics in norms setting for IP protection.

Suggested Readings:

1. Graham Dutfield and Uma Suthersanen, *Global Intellectual Property Law*, EE, 2020
2. Sebastian Haunss and Kenneth C. Shadlen (Ed.), *Politics of Intellectual Property*, EE, 2009
3. Robert P. Merges, *Justifying Intellectual Property*, Harvard University Press, 2011
4. Peter Drahos, *A Philosophy of Intellectual Property*, Ashgate Dartmouth, 2004
5. Gaëlle Krikorian and Amy Kapczynski, *Access to Knowledge in the Age Of Intellectual Property*, Zone Books, 2010
6. Carsten Fink and Keith E. Maskus, *Intellectual Property and Development*, OUP & World Bank, 2005
7. Edson Beas Rodrigues Jr, *The General Exception Clauses of the TRIPS Agreement: Promoting Sustainable Development*, Cambridge University Press, 2012
8. Jayashree Watal, *Intellectual Property Rights in the WTO and Developing Countries*, WoltersKluwer, 2002
9. Kung-Chung Liu and Uday S. Racherla (Eds.), *Innovation, Economic Development, And Intellectual Property In India And China*, Springer, 2019
10. Duncan Matthew, *Globalizing Intellectual Property Rights*, Routledge, 2006

Core – II Nature and Content of Intellectual Property (4 Credit)

Course Objective:

This course is intended to examine the various items protected under the TRIPS Agreement as Intellectual Property and the standards or test laid down to identify the items for protection. The items exempted from protection and the various rights given under the TRIPS will also be examined in the context of the Indian laws.

Learning Outcomes

Course Outcomes (CO)	Bloom's Taxonomy Level
After the successful completion of the course,	

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students will be able to:		
CO 1	Appraise the standard for different forms of IP protection	Evaluate
CO 2	Understand the different subject matter that is protected under different IP systems	Understand
CO 3	Examine the rights of an IP holder specially in the new technology context	Apply
CO 4	Differentiate why different IP is treated in different ways	Analyse
CO 5	Suggest policy changes to existing systems of IP	Create

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	1	3	2	3
CO2	2	3	2	3	3
CO3	3	3	3	2	3
CO4	3	3	2	3	2
CO5	3	2	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Content:

Module I: Copyright:

Items covered under Copyright and the test of originality – idea – expression dichotomy in copyright law – challenges by protection of computer programme under copyright – rights given to the authors and protection in the context of digital technology

Module II:Patent:

Patentable Inventions – test of novelty, inventive step and commercial utility - exceptions from patenting – patenting of biotechnology and computer programme – challenges to the distinction between invention and discovery – rights of patent owner – importation right and parallel import.

Module III: Industrial Designs:

Registerable Designs – test of originality or new – protection functional designs – conflict between copyright and design protection – rights of owners of registered design.

Module IV: Trademark: –

Concept of distinctiveness – grounds for non registration – exception from registration – rights – common law protection; **geographical indications:** protectable

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subject matter – concept of registered proprietor – their rights – rights of the registered user.

Module V:Lay-out Design –

Originality – distinctiveness – rights; **Plant varieties** – test of novelty, uniformity, distinctive, stability – different kinds of registerable varieties - rights – Farmers rights; rationale behind following different standards for different kinds of IP – need for a uniform approach.

Suggested Readings:

1. Paul Goldstein, International Copyright, OUP, 2021
2. Jason Rantanen, Introduction to Intellectual Property: Cases and Questions, 2021, available at https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3764808
3. Brad Sherman and Lionel Bently, Intellectual Property Law, OUP, 2018
4. Tamali Sen Gupta, Intellectual Property Law in India, Wolters Kluwer, 20018
5. Siva Vaidhyanathan, Intellectual Property: A Very Short Introduction, OPU, 2017
6. N.S. Gopalakrishnan and T.G. Agitha, Principles of Intellectual Property, EBC, 2014
7. Raghbir Singh, Law Relating to Intellectual Property, EBC, 2014
8. Shamnad Basheer, Overlapping Intellectual Property Rights, OUP, 2013
9. Ananth Padmanabhan, Intellectual Property Rights-Infringement and Remedies, 2012
10. D. Vaver and L. Bently, Intellectual Property in The New Millennium, Cambridge University Press, 2010

Core – III Acquisition of Intellectual Property

(4 Credit)

Course Objectives

Most forms of intellectual properties come into existence only on registration while certain others operate without a formal registration mechanism. Every students of IP needs to understand this classification and also know the registration process for the various kinds both at the national and the international plane. The objective of this paper is to expose the students to the different filing systems available for the protection of the various forms of IPs.

Learning Outcomes

Course Outcomes (CO)		Bloom's Taxonomy Level
After the successful completion of the course, students will be able to:		
CO 1	Apprise the procedure for registration of different forms of IP protection	Evaluate
CO 2	Understand the difference between mandatory and optional kinds of registration mechanisms	Understand
CO 3	Practice at the various offices regarding domestic registration of IPs	Create
CO 4	Practice at the various offices regarding	Create

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	international registration of IPs	
CO 5	Advise clients on the strategies of filing for IPR protection	Create

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3	2	3
CO2	2	3	2	3	3
CO3	3	2	3	2	3
CO4	3	3	2	3	2
CO5	3	2	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Content

Module I: Registration of Patent:

Who can apply – procedure for registration – contents of application – special provisions for biological inventions – advertisement – search and examination – opposition proceedings – revocation – grant of patent – office of registration; Registration under PCT system – international phase – national phase; Patent Law Treaty – its relevance and advantage

Module II: Registration of Trade Marks :

Voluntary nature – who can apply – procedure for registration – contents of application – examination – advertisement– opposition proceedings – grant – office of registration; Madrid System – Madrid Agreement – Madrid Protocol

Module III: Registration of Designs:

Who can apply – procedure for registration – contents of application – examination – grant – office of registration – advertisement– opposition proceedings; Hauge System

Module IV: Registration of GI & Plant Varieties:

Geographical Indications – voluntary nature – who can apply – procedure for registration – office of registration; Registration of Plant Varieties – who can apply – procedure for registration – registration of Extant and Farmers' Variety - office of registration

Module V: Registration of Other Forms:

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Integrated Circuits – who can apply – procedure for registration – office of registration; Registration of Copyright – voluntary nature – who can apply – procedure for registration – office of registration

Suggested Readings

1. Chartered Institute of Patent Attorneys (CIPA), Patent Cooperation Treaty Handbook, Sweet & Maxwell (2020)
2. Patent Cooperation Treaty – Executive Summary, WIPO (2019)
3. K.C. Kailasam, Law of Trademarks - Including International Registration under Madrid Protocol & Geographical Indications, Lexis Nexis (2017)
4. K.C. Kankanala, Indian Patent Law and Practice, Oxford University Press (2012)
5. Ruth L. Okediji, Patent Law in Global Perspective, Oxford University Press (2014)
6. Brian W. Gray & Effie Bouzalas, Industrial Design Rights: An International Perspective, Kluwer Law (2001)
7. Guide to the International Registration of Marks under the Madrid Agreement and the Madrid Protocol, WIPO (2019)
8. Hague Agreement Concerning the International Registration of Industrial Designs, WIPO (2019)
9. Mark Kenrick, Terrell On Patents—A Patent Attorney's Perspective, Oxford University Press (2006)
10. David J. Teece, The Transfer and Licensing of Know How and Intellectual Property, World Scientific Publication Pvt. Ltd.(2007)

Core – IV Enforcement of Intellectual Property Rights

(4 Credits)

Course Objective

This course is intended to teach the students the ownership and transfer of rights and enforcement of rights in case of infringement. Civil, Criminal and Administrative remedies provided under the law will be examined. The obligations under TRIPS and the Dispute settlement mechanism under TRIPS will also be examined in the light of the cases decided by the WTO.

Learning Outcomes

Course Outcomes (CO)		Bloom's Taxonomy Level
After the successful completion of the course, students will be able to:		
CO 1	Apprise the ownership of different forms of IP protection	Evaluate
CO 2	Draft IP transfer documents	Create
CO 3	Apprise revenue collection through collective societies	Evaluate
CO 4	Evaluate the significance of user's rights	Evaluate
CO 5	Examine the working of dispute settlement at both national and international levels	Apply

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COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	2	3
CO2	2	3	2	3	3
CO3	3	3	3	3	3
CO4	3	3	2	3	2
CO5	3	2	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Content

Module I: Ownership and assignment of rights:

First owner, joint owner - rights of the owner -moral right of authors - employer-employee relationship and transfer of ownership - assignment of rights - licensing of rights - compulsory licensing - permissible use without authorization - government use - protection of public interest - TRIPS provisions - WIPO Treaties - implications for India.

Module II: Infringement of IPR:

Copyright, Patent, Trademarks, Design and other forms of IP – Test for infringement – Acts that are not infringement – fair use – Bolar exemption – secondary infringement etc., - TRIPS mandates

Module III: Remedies:

Civil remedies – Criminal remedies – Administrative remedies – Forum of adjudication – TRIPS obligation and Indian law.

Module IV: Collecting societies:

Nature – function – relevance – registration – control by stakeholders

Module V: Dispute Settlement under the TRIPS Agreement:

Consultation – good offices, conciliation and mediation – Arbitration – panel – procedure – reports – implementation

Suggested Readings (Refer the latest edition of all books):

1. Jason Rantanen, Introduction to Intellectual Property: Cases and Questions, 2021, available at https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3764808
2. Tanya Aplin & Lionel Bently, Global Mandatory Fair Use: The Nature and Scope of the Right to Quote Copyright Works, Cambridge University Press, 2020
3. Brad Sherman and Lionel Bently, Intellectual Property Law, OUP, 2018
4. Siva Vaidhyanathan, Intellectual Property: A Very Short Introduction, OPU, 2017

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5. N.S. Gopalakrishnan and T.G. Agitha, Principles of Intellectual Property, EBC, 2014
6. Raghbir Singh, Law Relating to Intellectual Property, EBC, 2014
7. Shamnad Basheer, Overlapping Intellectual Property Rights, OUP, 2013
8. Ananth Padmanabhan, Intellectual Property Rights-Infringement and Remedies, 2012
9. Xuan Li and Carlos M. Correa, Intellectual Property Enforcement: International Perspectives, Edward Elgar, 2009
10. Roger D. Blair and Thomas F. Cotter, Intellectual Property: Economic and Legal Dimensions of Rights and Remedies, Cambridge University Press, 2005

Elective-I–General Principles of International Intellectual Property System (4 credits)

Course Objectives:

The world today is one huge market. Products, services and their reputation transcend all boundaries and cater to human needs throughout the globe. This has created the need of every IP holder to protect his products and process beyond his country of initial market. This has called for countries to bring up various system of harmonisation of IP norms and to provide mechanism to getting the IP rights recognised in multiple jurisdictions. This paper is intended to provide students with an in-depth understanding about how the IP laws have been harmonised and to what extent and how it fosters the interest of different developing countries, particularly India. The paper also looks into the international politics that goes on in relation to IP treaty making process and how and why there is a trend in reversal to bilateral systems.

Learning Outcomes

Course Outcomes (CO)		Bloom's Taxonomy Level
After the successful completion of the course, students will be able to:		
CO 1	Understand international politics in relation to international IP treaty making	Understand
CO 2	Differentiate the trajectory of strategy from bilateral to multilateral and back to bilateral systems	Analyse
CO 3	Appraise the different enforcement mechanisms to build international pressure	Evaluate
CO 4	Understand the space available for developing countries like India to cater to its domestic needs	Understand
CO 5	Evolve policy outcomes that can be incorporated into the Indian regime so as to create a balanced IP system	Create

COURSE ARTICULATION MATRIX

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	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	2	3
CO2	2	3	2	3	3
CO3	3	2	3	3	3
CO4	3	3	2	3	2
CO5	3	2	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Content:

Module I: General Principles of International IP:

Need for harmonisation – principles under Berne Convention, Paris Convention, TRIPS – national treatment, most favoured nation treatment, independence of protection, priority right – accommodation of needs of countries at different stages of development

Module II: Subject Matter and Standards:

Copyright – Berne Convention, TRIPS, WCT, WPPT, Audio Visual Treaty and VIP Treaty; Patent, Trademarks, Designs and other forms – Paris Convention, TRIPS

Module III: Rights, Limitations and Exceptions:

Copyright – Berne Convention, TRIPS, WCT, WPPT, Audio Visual Treaty and VIP Treaty; Patent, Trademarks, Designs and other forms – Paris Convention, TRIPS – three step test – significance of Doha Declaration

Module IV: Dispute Settlement and Enforcement:

Ownership of different categories of IP rights – Dispute Settlement under WTO; Remedies - civil – criminal – border security measures

Module V: Beyond TRIPS:

Back to bilateralism and its logic – setting of IP norms through Free Trade Agreements (FTAs) and Bilateral Investment Treaties (BITs) – their impact – relation with TRIPS, WIPO Development Agenda and Sustainable Development Goals.

Suggested Readings

1. Terence P. Stewart, GHATT Uruguay Round: *Negotiating History*, Kluwer Law International, (1999).
2. Reichman, Jerome, *Of Green Tulips and Legal Kudru: Repackaging Rights in Subpatentable Innovations*, (2003).
3. Bodenhausen, *Guide to the application of the Paris Convention for the Protection of Industrial Property*, WIPO (1985).
4. Rajeev Dhavan et al, “Paris Convention Re-visited”, J.I.L.I (1992)

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5. Rajagopala Ayyangar, *Report on the Revision of the Patent Law*, Govt. of India (1959).
6. Rajeev Dhavan et.al., “Whose Interest? Independent India’s Patent Law and Policy”, 32 J.I.L.I 429 (1990).
7. Christoph Belman and Graham Dutfield, *Trading in Knowledge: development Perspectives on TRIPS, Trade and Sustainability*, Earthscan Publications Ltd. (2003)
8. WIPO Reading Material on Intellectual Property, WIPO, Geneva
9. Neil Netanel (ed.), *The Development Agenda: Global Intellectual Property and Developing Countries*, Oxford University Press, 2009
10. Christopher May, *The World Intellectual Property Organization: Resurgence and the Development Agenda*, Routledge, 2007

Elective II – Copyright and Entertainment Industry

(4 credits)

Course Objectives

Everyone has the right to scientific, social, political and cultural development. Entertainment industry plays a very significant role in this development. This paper tries to look into the industry, its significance and the different players involved. Then the paper tries to identify whether the notions within the industry are captured by the law or are they different. How the interest of the different players are tackled so as to ensure that neither the persons involved nor public is a casualty.

Learning Outcomes

Course Outcomes (CO)		Bloom’s Taxonomy Level
After the successful completion of the course, students will be able to:		
CO 1	Understand the relevance and functioning of entertainment industry	Understand
CO 2	Appraise its major players and their roles	Evaluate
CO 3	Examine their rights and how it is transferred	Apply
CO 4	Draft documents dealing with IP rights in entertainment industry to ensure adequate revenue sharing	Create
CO 5	Appraise how user’s rights is protected under the industry system	Evaluate

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3	2	3
CO2	2	3	2	1	3

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CO3	3	3	3	3	3
CO4	3	3	2	3	2
CO5	3	2	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Content:

Module I: Notion of entertainment industry:

Publishing, audio-visual and music industry – impact of digital technology on the industry - its significance – social political and economic -justification for protecting the industry – difference - concept of creativity – publishing, audio-visual and music industry – extend of creative expressions – International position – Berne Convention, Rome Convention, TRIPS, WCT, WPPT - Indian copyright Act

Module II: Creator in the entertainment industry:

Industrial practice – publishing – special positions in the audio-visual and music industry – concept of author under copyright law – role of director and performer - international position – Berne Convention, TRIPS - Indian copyright law

Module III: Enjoyment of rights:

Concept of co-existence of rights - rights sharing – relation between creator and owner - automatic transfer of ownership – employment – commissioned work - voluntary transfer – assignment – licence – industry practices – new changes in relationship.

Module IV: Revenue sharing:

Incentivizing the creator – royalty sharing – industry practices – Indian and foreign - new changes in the Indian law – collection and distribution – role of collecting societies – constitution and functions of copyright societies.

Module V: Consumers and entertainment industry:

Cultural development – freedom of speech and expression – fair use, parody, derivative works – enforcement – International position; Indian position; Other Jurisdiction – US – PIPA and SOPA

Suggested Readings:

1. Giuseppina D'Agostino, Copyright, Contracts, Creators – New Media, New Rules, EE, 2010
2. Ruth Towse, Copyright in the Cultural Industries, EE, 2002
3. Jessica Reyman, The Rhetoric of Intellectual Property: Copyright Law and the Regulation of Digital Culture, Routledge, 2009
4. Hendrik van der Pol, “Key Role of Cultural and Creative Industries in the Economy”, UNESCO
5. Ruth Towse, “Cultural Economics, Copyright and the Cultural Industries”, Society and Economy in Central and Eastern Europe, Vol. 22, No. 4, 2000, pp. 107-134

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6. Hye-Kyung Lee, "Between Fan Culture and Copyright Infringement: Manga Scanlation", Media, Culture and Society, 36(6): 1011-1022.
7. David Hesmondhalgh and Andy C. Pratt, "Cultural Industries and Cultural Policy", International journal of cultural policy, 11 (1). pp. 1-14.
8. Jon M Garon, "The Heart of the Deal: Intellectual Property Aspects in the Law and Business of Entertainment", JIPR, Vol.17, Sept. 2012, pp. 443-453
9. C. Paul Sellors, "Collective Authorship in Film", The Journal of Aesthetics and Art Criticism 65:3 Summer 2007
10. Anna Notaro, "Technology in Search of an Artist: Questions of Auteurism/ Authorship and the Contemporary Cinematic Experience", The Velvet Light Trap, Number 57, Spring 2006, pp. 86-97

Elective III – Protection of Broadcasting Organisations

(4 Credits)

Course Objectives:

Watching TV is one of the most leisurely activities and this is made possible by broadcasting organisations. These organisations play a very significant role in making the copyright works available to the public for enjoyment and also the owner of copyright to receive economic benefit from the communication to the public of their works. This paper tries to look into how the copyright law acts as a mechanism to provide this balance by looking into the cultural and socio-political significance of these organisations and at the same time balance the interest of the persons who create the work and the general public.

Learning Outcomes

Course Outcomes (CO)		Bloom's Taxonomy Level
After the successful completion of the course, students will be able to:		
CO 1	Understand the relevance and functioning of the broadcasting organisations	Understand
CO 2	Appraise the rationale and justification of such protection	Evaluate
CO 3	Understand the concepts and technology involved	Understand
CO 4	Appraise the different stake holders, their rights and relationship	Evaluate
CO 5	Predict enforcement of these rights	Apply

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	2	3	3	2	3
CO2	2	2	2	3	3

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CO3	3	3	3	3	3
CO4	3	3	2	3	2
CO5	3	2	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Content

- Module I:** Nature and functions of Broadcasting Organisation – Technical meaning of broadcast –display, diffusion and transmission of broadcast – technological change - from wireless to wire - ‘free to air’ to ‘pay per view’ – technological difference in transmission through internet – functions of the organisation – historical development – significance in the socio-political context
- Module II:** Rationale for independent protection – theoretical - relationship with the works – elements of creativity in broadcasting – investment in broadcasting - cultural and economical – broadcasting in traditional sense and through computer networks – nature of technology and economic investment.
- Module III:** Concept of broadcast – concept of signal – difference between broadcast and broadcasting – simulcast and webcast – difference from broadcast – need for separate protection – protection of signal and not the work - International position – Rome Convention, TRIPS, WIPO negotiations – concept of broadcast in Indian Copyright Act.
- Module IV:** Rights of broadcasting organisations – concept of related rights or neighbouring right -International law – Rome and TRIPS – right of fixation – rebroadcast –post fixation rights – distribution – communication to public - protection of pre-broadcast signals – right of re-transmission – deferred transmission - WIPO negotiations – relation with owner of copyright in works and performers’ right – provisions in the Indian Copyright Act.
- Module V:** Enforcement – infringement of rights - defenses available – fair use and protection of freedom of speech and expression - use of TPMs and its consequences - civil and criminal remedies – provisions in the Indian Copyright Act.

Suggested Readings:

1. M. Sakthivel, Broadcasters’ Rights in the Digital Era, Brill Publications, 2020
2. Megumi Ogawa, Protection of Broadcaster’s Right, Brill Publications, 2006
3. Tome Rivers, ‘A Broadcasters’ Treaty’ in Paul Torremans, Copyright Law: A Handbook of Contemporary Research, EE, 2007
4. Natali Helberger, Controlling Access to Content – Regulating Conditional Access in Digital Broadcasting, Kluwer, 2005

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5. Jackie Harrison and Loma Woods, European Broadcasting Law and Policy, Cambridge University Press, 2007
6. Eric M. Barendt & Alison Firth, the Year Book of Copyright and Media Law, OUP 1999
7. Patricia Akester, “The Draft WIPO Broadcasting Treaty and its impact on Freedom of Expression”, UNESCO, e-Copyright Bulletin, April – June 2006
8. Adam R. Tarosky, “The Constitutionality of WIPO’S Broadcasting Treaty: The Originality And Limited Times Requirements Of The Copyright Clause”, Duke Law and Technology Review, No.16, 2006

Elective IV – IPR and Computer Programmes

(4 credits)

Course Objectives

Computers are part of our daily life now. If they need to function, programmes are necessary. Every programme is written with an intention to attain an output. Such being the situation, the purpose of this paper is to understand the creative process behind computer programme generation and discuss the protection available to the parties involved in its creation and use.

Learning Outcomes

Course Outcomes (CO)		Bloom’s Taxonomy Level
After the successful completion of the course, students will be able to:		
CO 1	Identify the relevance of computer programmes and its creation	Evaluate
CO 2	Understand the different stakeholders involved	Understand
CO 3	Interpret how copyright protects computer programmes	Apply
CO 4	Differentiate the extent to which patents regulate computer programmes	Evaluate
CO 5	Draft contracts to protect the various interest under different kinds of IP	Create

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	2	3	3	2	3
CO2	2	3	2	3	3
CO3	3	2	3	3	3
CO4	3	3	2	3	2

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SCHOOL OF LEGAL STUDIES

CO5	3	2	2	3	3

1-Slightly 2-Moderately 3-Substantially

Course Content:

- Module I:** Introduction to computer programme - basic concepts of computer science - concepts, terminology and principles - distinction between computer programme and software - elements of computer programme - algorithm - computer languages - method of software development - materials used for software development - literal and functional elements of computer programmes.
- Module II:** Introduction to IP Protection for computer programme - historical development of IP protection for computer software - contractual agreements - role of IBM - cases on contractual violations
- Module III:** Computer programme and copyright protection - historical development of copyright protection for computer programme concept of originality - idea-expression dichotomy - originality in computer programmes - look and feel - abstraction, filtration and comparison - protection of non-literal elements - the US and English case law development - fair use - TRIPS obligations - copyright protection of computer programmes in India - originality, rights, fair use, remedies.
- Module IV:** Computer programme and patent protection - development of patent protection of computer programmes in the US algorithm - as patentable subject matter patentability of computer related inventions - computer programme as a 'means to an end' for patent protection - patenting of business methods - TRIPS obligations – patent protection for computer programmes in India – implications
- Module V:** Alternative to IP protection of computer programme - free software' movement – legal validity of general public licence agreements - patenting software and challenges to source movement

Suggested Readings:

1. David Bainbridge, Information Technology and Intellectual Property Law, Bloomsbury, 2019
2. Nicholas Fox, Intellectual Property in Electronics and Software: A Global Guide to Rights and Their Applications, Globe Law and Business, 2013
3. David Bainbridge, Legal Protection of Computer Software: Information Technology, Tottel Publishing, 2008
4. Christopher J. Millard, Legal protection of computer programs and Data, Cambridge University Press, 2008
5. Stanley Lai, The Copyright Protection of Computer Software in the United Kingdom, Hart Publishing, 2000

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6. Bernard A. Galler, Software and Intellectual Property Protection: Copyright and Patent Issues for Computer and Legal Professionals, Praeger, 1995
7. Josef Drexler, What is protected in a computer program?: copyright protection in the United States and Europe, Berkeley Law, 1994

Elective V – IPR and Biotechnology

(4 credits)

Course Objectives

Biotechnology has become one of the most promising but controversial technologies of the 21st century. It exerts great influence in the life of a common man from his/her food to his/her medicine. But the technology has also faced great challenges, some of which are ethical while others are legal. Since TRIPS, the technology has become a great talking point in the developing and under developed world due to its patent scope. This paper aims to shed light on the emerging issues that biotechnology has created in the patent framework.

Learning Outcomes

Course Outcomes (CO)		Bloom's Taxonomy Level
After the successful completion of the course, students will be able to:		
CO 1	Understand the basics technologies involved in biotechnological processes	Understand
CO 2	Analyse the importance and limitations of patent regime in supporting biotechnology based industries	Analyse
CO 3	Apply patentability standards on biotechnology inventions based on the nature of the technology involved	Apply
CO 4	Comparatively analyse the patentability of biotechnology inventions in India, United States of America and United Kingdom	Analyse
CO 5	Suggest policies to effectively protect biotech based inventions with minimal impact of technological growth	Create

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	2	3	3	2	3
CO2	2	3	2	3	3
CO3	3	3	3	2	3
CO4	3	3	2	3	2

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SCHOOL OF LEGAL STUDIES

CO5	3	2	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Content:

Module I: Introduction to Biotechnology:

Concept of biotechnology - traditional and modern biotechnology through ages –brief introduction to Nucleic acids as genetic material, replication, transcription and translation-basic techniques in biotechnology fermentations, immobilization of cells and enzymes, PCR, RFLP, DNA sequencing, blotting techniques, recombinant DNA technology, principles of gene cloning, restrictionmodification systems, use of restriction enzymes in biotechnology, cloning vectors, protoplast fusion, cell fusion, cell and tissue culture, DNA finger printing & its applications - scope and importance of biotechnology in the new millennium – possible legal protection

Module II: Agricultural and Food Biotechnology:

Transgenic plants - synthetic seeds – terminator gene technology - virus free seedlings for economically important crop - applications of plant tissue and cell culture - transgenic animals - animal vaccines - development and production - artificial animal breeding - livestock production - recombinant DNA technology GLPS & GMPS - genetically modified foods - concepts and impact – milk based products - probiotics - lactic acid bacteria - genetically modified foods - fermented foods - application of biosensors in food - single cell proteins- Development of monoclonal antibody and their applications - Introduction to gene therapy – patenting these technologies.

Module III: Industrial biotechnology:

Biopharmaceuticals - vitamins - organic acids - amino acids -enzymes - specialty chemicals - polysaccharides - recombinant products - insulin, human growth hormone, interferon, erythropoietin, recombinant vaccines – bio pesticides, bio fertilizers -biogas production - microbial production of alcohol, bio fuels, bio diesel - gene banks-foods from microorganism (vinegar and cheese). production of citric acid,amylases, proteases, vitamin B12, beer, wine, methane, hydrogen – need for patent

Module IV: Environmental Biotechnology:

Solid waste management using biocatalysts – municipal sewage treatment - industrial waste treatment -Biodegradation of plastic , pesticides and hydrocarbons-bioremediation - water purification - pollution control - microbial fouling and corrosion - use of genetically modified organisms (GMO) and release of GMO into environment - biodiversity conservation - impact of biological weapons – protection under different forms of IP

Module V:Bioethics, bio-safety and IPR:

Ethical and moral issues in biotechnological research - (cloning, genetic testing and screening, stem cell research, human clinical trials and drug testing) Human rights issues; Bio piracy; bio weapons and bioterrorism – bio safety practices; general

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guidelines for rDNA research, NIH guidelines - guidelines for recombinant DNA research in India - norms for the release of GMOs, protection of biodiversity, convention on biodiversity and Indian Biodiversity Act - patenting issues with special reference to biotech products and activities.

Suggested Readings

1. Kshitij Kumar Singh, *Biotechnology and Intellectual Property Rights*, Springer, 2015
2. Padma Nambisan, *An Introduction to Ethical, Safety and Intellectual Property Rights Issues in Biotechnology*, ScienceDirect, 2017
3. David Castle, *The Role of Intellectual Property Rights in Biotechnology Innovation*, EE, 2011
4. The Hon Mr Justice Colin Birss, et.al., *Terrel on Patent*, Sweet & Maxwell, 2021
5. Christoph Belman and Graham Dutfield, *Trading in Knowledge: development Perspectives on TRIPS, Trade and Sustainability*, Earthscan Publications Ltd. (2003)
6. Genetic Inventions, *Intellectual Property Rights And Licensing Practices*, OECD, 2002
7. Timothy M. Swanson (ed), *Intellectual Property Rights and Biodiversity Conservation: An Interdisciplinary Analysis of the Values of Medicinal Plants*, Cambridge University Press, 1998
8. Chetan Keswani, Alok Jha, H. B. Singh (Eds.), *Intellectual Property Issues in Biotechnology*, CABI Publishing, 2016
9. V. Santaniello, *Agriculture and Intellectual Property Rights: Economic, Institutional, and Implementation Issues in Biotechnology*, Cambridge University Press, 2000
10. Matthew Rimmer, *Intellectual Property and Biotechnology: Biological Inventions*, EE, 2008

Elective VI – Intellectual Property and Right to Health

(4 credits)

Course Objectives

Technological developments are the order of today's world. It is undoubtedly the obligation of every State to create an environment which fosters such innovations through intellectual property which includes patent system. At the same time access to these innovations is a more important interest that the law needs to protect. The attempt of this paper is to expose the students to the nuances of the IP law regime. This will be done through the exploration of what gets protected under the IP regime and the scope of such protection. One of the major areas of concern raised because of patent is access to medicines. The paper focuses on this issue on how the law has to be construed to ensure there is adequate access to medical products and devices.

Learning Outcomes

Course Outcomes (CO)		Bloom's Taxonomy Level
After the successful completion of the course, students will be able to:		
CO 1	Understand patent as a mechanism to foster human rights	Understand
CO 2	Appraise the concept of right to health and understand IP as a system to protect to right to health	Evaluate

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CO 3	Analyse the extent to which health related products can be accommodated into the rationale of IP protection	Analyse
CO 4	Evaluate the functioning of the systems within the IP regime which foster access to medicines	Evaluate
CO 5	Evolve IP policies which are sensitive to health and related issues	Create

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	2	3
CO2	2	3	2	3	3
CO3	3	3	3	3	3
CO4	3	3	2	3	2
CO5	3	2	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Content

Module I- Concept of Health:

Social determinants of health – health care system – structure – evolution – political – technical issues – players in the health care system – concept of access to medicines

Module II-Patent and health:

Historical origin – rationale of protection – role in fostering human rights like access to scientific information – Justifications for pharmaceutical patents

Module III-Patent and Pharmaceuticals:

Notion of invention – what are not inventions – challenges posed by new technological developments – test of novelty – inventive step – capable of industrial application – application of patent standards in pharmaceutical inventions – invention related to living entities – their ownership and further use

Module IV-Limitations within Patent System:

Doha Declaration – Scope – educational use – governmental use – Specific compulsory licence – parallel import – Bolar exceptions

Module V- Other forms of IP and health products:

Protection of plant genetic resources – Agro-biotech – protection of clinical data

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Suggested Readings

1. Srividhya Ragavan and Amaka Vanni, Intellectual Property Law and Access to Medicines: TRIPS Agreement, Health, and Pharmaceuticals, Routledge, 2021
2. Valbona Muzaka, Food, Health and the Knowledge Economy: The State and Intellectual Property in India and Brazil, Palgrave Macmillan UK, 2018
3. Ellen 't Hoen, Private Patents And Public Health, Health Action International, 2016
4. Joanna T. Brougher, Intellectual Property and Health Technologies: Balancing Innovation and the Public's Health, Springer-Verlag New York, 2014
5. Joanna T. Brougher, Intellectual Property and Health Technologies, Springer, 2014
6. Wolfgang Hein and Suerie Moon, Informal Norms in Global Governance: Human Rights, Intellectual Property Rules and Access to Medicines, Ashgate, 2013
7. Kenneth C. Shadlen, Intellectual Property, Pharmaceuticals and Public Health, EE, 2013
8. Thomas Pogge, Matthew Rimmer and Kim Rubenstein, Incentives for Global Public Health, Cambridge University Press, 2010
9. Public Health: Innovation and Intellectual Property Rights, WHO, 2006
10. Andrew Law, Patents and public health : legalising the policy thoughts in the Doha TRIPS Declaration of 14 November 2001, Berkeley Law, 2009

Elective VII – Collective Property as Intellectual Property

(4 credits)

Course Objectives

The notion of property particularly intellectual property is that it is a private right vested on 'a' person in rem. But much of the knowledge we use on a day today basis has been generated not by any particular individual but the society and so is its application. The purpose of this paper is to expose the students the certain kinds of property, not in the whole traditional sense, which has been created generations before and still in use and contributes much to the present generation. The paper also makes one critically examine the extent to which information per se can be protected within the IP regime and also how products of nature.

Learning Outcomes

Course Outcomes (CO)		Bloom's Taxonomy Level
After the successful completion of the course, students will be able to:		
CO 1	Explain the concept of collective property	Apply
CO 2	Evaluate the distinction between the different forms of collective property and their rationale	Evaluate
CO 3	Appraise the present protection available to these different forms	Evaluate
CO 4	Evaluate the relevance of protection of these properties to a developing country like India	Evaluate
CO 5	Evolve policies for better protection of	Create

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	collective properties from developing country perspective	

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	2	2	3
CO2	2	3	2	3	3
CO3	3	2	3	3	3
CO4	3	3	2	3	2
CO5	3	2	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Content

Module I- Notion of Collective property:

Right to common heritage and bio-diversity – rationale of protection – justification to include within intellectual property regime

Module II-Geographical Indications:

Concept – scope of protection – standard and subject matter – challenges of ownership

Module III-Genetic Resources:

Meaning of Genetic Resource – issues of patenting – protection through plant variety – access and benefit sharing – benefit sharing mechanism

Module IV-Traditional Knowledge:

Concept – available kinds of protection – challenges of protection – issues of identifying subject matter, standards and owner – notions of prior informed consent and benefit sharing

Module V-Traditional Cultural Expressions:

Concept – challenges of protection – issues of identifying subject matter, standards and owner.

Suggested Readings:

1. UNESCO/WIPO Model Provisions for Protection of Folklore/ Cultural Expressions.
2. Documents of Inter Governmental Committee, WIPO on TK & TCE protection, WIPO. Geneva.
3. Convention on Biological Diversity, 1992 and International Treaty on Plant Genetic Resources for food and Agriculture, 2002

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4. Chidi Oguamanam, *Intellectual Property in Global Governance : A Development Question*, Routledge, (2012)
5. Daniel F. Robinson *Confronting Biopiracy: Challenges, Cases and International Debates*, Earthscan, (2010)
6. Christoph Antons (ed.) *Traditional Knowledge, Traditional Cultural Expressions and Intellectual Property Law in the Asia Pacific Region*, Kluwer Max Planck Series, (2009)
7. Silke von Lewinski (ed.) *Indigenous Heritage and Intellectual Property: Genetic Resources, Traditional Knowledge and Folklore*, Kluwer Law International, (2008)
8. Jonathan Curci, *Protection of Biodiversity and Traditional Knowledge in the International Law of Intellectual Property*, Cambridge University Press, (2010)
9. Dutfield and Posey, *Beyond Intellectual Property: Toward Traditional Resource Right for Indigenous Peoples and Local Communities*, IDRC, (1996)
10. Geoff Tansey and Tasmine Rojotte (Eds.), *The Future Control of Food: A Guide to International Negotiations and Rules on Intellectual Property*, Earth Scan, London (2008)

Elective VIII – Intellectual Property and Human Rights

(4 credits)

Course Objectives

It has been of common thought that IP and human rights conflict as one is purely a private right while the other is a social right. The objective of this paper is to verify the existence of any conflict between the two regimes and also to focus on how one impacts the other. With this objective, the paper will focus on certain key areas of utmost significance to find out the relation between IP and Human Rights.

Learning Outcomes

Course Outcomes (CO)		Bloom's Taxonomy Level
After the successful completion of the course, students will be able to:		
CO 1	Appraise the conceptual relation between IP and Human rights	Evaluate
CO 2	Understand how the human right to social and cultural life is impacted by IP	Understand
CO 3	Examine how knowledge transfer and dissemination is impacted by IP	Apply
CO 4	Evaluate the impact of IP on right to health	Evaluate
CO 5	Analyse the compromise between the rights of indigenous community and IP	Analyse

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5

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SCHOOL OF LEGAL STUDIES

CO1	3	2	3	2	3
CO2	2	3	2	3	3
CO3	3	3	2	3	3
CO4	3	3	2	3	2
CO5	3	2	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Content

Module I-Conceptual analysis of IP and HR:

Philosophy and jurisprudential basis of Human Rights and Intellectual Property – their convergence and divergence – their role in the society – Individual rights and public interest in both – intellectual property in Human Rights Agreements and vice versa

Module II-Right to Social and Cultural Life and IP:

Meaning of culture – role of creative artistic and their protection – free uses for creation of further work – protection of free speech – works created and protected by traditional and indigenous communities – role of State and International bodies

Module III-Ensuring scientific research and access to information and IP:

Stem cell research – experimentation using living organisms including humans – their patentability – freedom of others to use it for further development – protection of the data, information and knowledge generated – freedom of others to use the same – human rights ramification – state responsibility

Module IV-Right to Health and IP:

Meaning of health – medicines and medical devices as part of right to health – rationale of patentability of medicines and medical devices – international obligations and flexibilities – human rights ramification – state responsibility – public interest

Module V-Right to common heritage and bio-diversity and IP:

Traditional knowledge and its nature – access to such knowledge and biological resources – development and protection of new products based on bio resources like seeds, plant varieties and drugs – impact on right to food – Role of State and NGOs

Suggested Readings

1. Christopher Heath and Anselm KampermanSanders, New Frontiers of Intellectual Property Law, Hart Publication, (2005)
2. Christophe Geiger, Research Handbook on Human Rights and Intellectual Property, Edward Elger (2016)
3. Willem Grosheide, Intellectual Property and Human Rights : A Paradox, Edward Elger (2010)

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4. Laurence R. Helfer & Graeme W. Austin, Human Rights and Intellectual Property Mapping the Global Interface, Cambridge University Press (2011)
5. Mipasi Sinjela, Human Rights and Intellectual Property Rights: Tensions and Convergences, Brill Publications (2011)
6. Laurence R. Helfer, Intellectual Property and Human Rights, Edward Elger (2013)
7. Duncan Matthews, Intellectual Property, Human Rights and Development: The Role of NGO's and Social Movements, Edward Elger (2011)
8. Paul L.C. Torremans, Intellectual Property and Human Rights, Wolters Kluwer (2020)
9. Abbe Elizabeth Lockhart Brown, Intellectual Property, Human Rights and Competition: Access to Essential Innovation and Technology, Edward Elger (2012)
10. Marcelin Tonye Mahop, Intellectual Property, Community Rights and Human Rights: The Biological and Genetic Resources of Developing Countries, Routledge (2010)

Elective IX – Intellectual Property Rights and Competition Law (4 credits)

Course Objectives

It is the obligation of every State to ensure that its citizenry is provided with all developments in the field of science, technology and cultural products at the cheapest price. Multiple mechanism have been devised to attain this. These mechanisms include the competition law regime, which tries to maintain a fair playing market for all entrepreneurs, and the intellectual property regime, which confers monopoly on inventors. Thus prima facie they seem to conflict. The objective of this paper is to verify the existence of this conflict and to analyse how the system co-exist so as to attain the same objective.

Learning Outcomes

Course Outcomes (CO)		Bloom's Taxonomy Level
After the successful completion of the course, students will be able to:		
CO 1	Understand the basic philosophy of competition regime and IP regime	Understand
CO 2	Appraise how the basic anti-competitive practices operate	Evaluate
CO 3	Analyse how the anti-competitive practices work within the IP regime	Analyse
CO 4	Understand the functioning of the different agencies that ensures this balance	Understand
CO 5	Conceive policies to minimize the friction between the two regimes	Create

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	2	3

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CO2	2	3	2	3	3
CO3	3	3	3	3	3
CO4	3	3	2	3	2
CO5	3	2	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Content

Module I-Basic Concepts of Competition Law:

Philosophy and objectives of Competition Law – Models of Competitive Market – Different Types of Economic Efficiencies – Interface between IP – philosophical convergence and divergences – role in society

Module II-Anti-competitive Agreements:

Meaning – vertical and horizontal agreements – assessment through Appreciable Adverse Effect on Competition in the Market – Determination of Relevant Market – mechanism within IP regime to prevent anti-competitive agreements.

Module III Abuse of Dominance:

Dominance in the Market – identification of Relevant Market – Abusive Conducts under Competition regime – Dominance and relation with IP – mechanism within IP regime to mitigate abuse of dominance.

Module IV Combinations:

Merger, Acquisition, Amalgamation and Takeover – Horizontal, Vertical and Conglomerate Mergers – Regulations within Competition regime – mechanisms within IP regime – impact on public interest.

Module V- Enforcement Agencies:

Role of CCI in adjudicating disputes – Comparison with other jurisdictions – adequacy of mechanisms within IP laws – Competition adjudication policy and its implications for IPR.

Suggested Readings:

1. Robert D. Anderson, Nuno Pires de Carvalho and Antony Taubman (Eds.), *Competition Policy and Intellectual Property in Today's Global Economy*, Cambridge University Press, 2021
2. Sherri L. Burr, Edmund W. Kitch and Harvey S. Perlman, *Modern Intellectual Property and Unfair Competition Law*, Foundation Press, 2014
3. Tu Thanh Nguyen, *Competition Law, Transfer of Technology and the TRIPS Agreement*, Edward Elgar, 2010
4. Gustavo Ghidini, *Innovation, Competition and Consumer Welfare in Intellectual Property Law*, Edward Elgar, 2010

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5. Katarzyna Czapracka, Intellectual Property and the Limits of Antitrust, Edward Elgar, 2009
6. Josef Drexler, Research Handbook on Intellectual Property and Competition Law, Edward Elgar, 2008
7. Steven D. Anderman, The interface between Intellectual Property Rights and Competition Policy, Cambridge University Press, 2007
8. The Interaction between Competition Law and Intellectual Property Law, Hart Publishing, 2007
9. Gustavo Ghidini, Intellectual Property and Competition Law, Edward Elgar, 2006
10. Claus-Dieter Ehlermann and Isabela Atanasiu, European Competition Law Annual, 2005

GROUP J International Dispute Resolution and Arbitration

Core I – Introduction to International Adjudication (4 Credits)

Course objectives:

The course focuses on the law and politics of ICTs. It provides students with profound knowledge of the most pertinent legal issues of international adjudication relating to jurisdiction, admissibility, provisional measures, applicable law, and the effect as well as enforcement of international decisions. The course also draws attention to underlying policy issues and places the practice of ICTs within the setting of the international order. Students will refine their analytical frameworks in order to develop a thorough understanding of ICTs' practice. The course will focus on the International Court of Justice, the International Tribunal for the Law of the Sea, and the role of regional human rights courts in international law. Throughout the course, students will learn to see tensions, problems and possible solutions in the practice of international dispute settlement. Specific attention will be paid to the involvement of India in public international law dispute settlement.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Explain and compare various means of settling disputes and know the major international courts and tribunals	Analyse
CO2	Comparing issues of jurisdiction, admissibility, provisional measures, applicable law, and the effect as well as enforcement of international judicial decisions	Understanding
CO3	Analyse and evaluate trends and prospects in the practice of international courts and tribunals and assess the legitimacy of international adjudication	Analyse

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COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	2	2	3	3
CO2	3	2	3	3	2
CO3	3	3	2	3	2

1-Slightly 2-Moderately 3-Substantially

Course content:

Module I –Overview of international dispute settlement.

Pacific settlement disputes between States - UN Charter– Mediation and Negotiation of public international law disputes - inter-state arbitration – PCA and its contribution – Proliferation of international tribunals and substantive fragmentation of international law

Module II –International Court of Justice

Organization – Jurisdiction and procedure – Role of ICJ in the U.N. framework – Rules of court – Breaches of international law and their consequences – Creation of international law by the court – The advisory function of the Court

Module III – Dispute Settlement in International law of the Sea

Overview of the Law of the Sea Convention (UNCLOS) – Maritime delimitation – Choice of procedure – International Tribunal for Law of the Sea – Advisory Jurisdiction – Provisional measures – Annex VII arbitration – Commission on the Limits of the Continental Shelf – International Seabed Authority

Module IV– Role of regional and national courts in resolving international disputes

Human rights regional courts – International climate change litigation – international and national legal proceedings to tackle climate problems – problems with enforcement - comparison with international economic adjudication.

Module V –India and international litigation

International law obligations under the constitution – India at the ICJ – consent and reservations to the jurisdiction – India and UNCLOS – Territorial and maritime boundary disputes.

Suggested Readings:

1. L Boisson de Chazournes, C Romano and R Mackenzie (eds), International Organizations and International Dispute Settlement: Trends and Prospects (Brill Academic Publishers 2002)
2. C Brown, A Common Law of International Adjudication (Oxford University Press 2009)

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3. J Collier and V Lowe, The Settlement of Disputes in International Law: Institutions and Procedures (Oxford University Press 2000)
4. C Giorgetti, The Rules, Practice, and Jurisprudence of International Courts and Tribunals (Brill 2012)
5. JG Merrills, International Dispute Settlement (Cambridge University Press 2011)
6. R Mackenzie, C Romano and Y Shany, The Manual on International Courts and Tribunals, (Oxford University Press 2010)
7. Y Shany, Regulating Competing Jurisdictions of International Courts and Tribunals (Oxford University Press 2004)
8. F Orrego Vicuña, International Dispute Settlement in an Evolving Global Society. Constitutionalization, Accessibility, Privatization (Cambridge University Press 2004)
9. S Rosenne, The Law and Practice of the International Court 1920-2005 (Nijhoff 2006)
10. A Zimmermann, C Tomuschat, and K Oellers-Frahm (eds), The Statute of the International Court of Justice. A Commentary (Oxford University Press 2006)

Core II- Dispute Settlement under the World Trading System (4 credits)

Course objective:

This course focuses on how the dispute settlement mechanism of the WTO operates from a legal, political and diplomatic perspective. In reviewing the procedural steps of actual disputes, including the use of experts, the retaliation stage, together with alternative means of settling disputes, the students will be able to better understand how States and other international actors can address international economic tensions resulting from societal choices, while pursuing the WTO goals of both fighting illegitimate protectionism and protecting legitimate public policy objectives. It will also help understand the context of the suspension of the Appellate Body's activities and the calls for specific or general reforms in the WTO, and its dispute settlement system.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Display a solid understanding of the WTO decision-making process	Analyse
CO2	Analyse the case law of WTO dispute settlement, particularly, Panels and appellate body	Analyse
CO3	Evaluate the WTO's contribution to the development of customary international law.	Evaluate

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	2	2	3	3

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CO2	3	2	3	3	2
CO3	3	3	2	3	2

1-Slightly 2-Moderately 3-Substantially

Course contents:

Module I – Overview of the World Trading System

Origins of WTO -GATT – Uruguay round negotiations – Objectives and Functions – Institutional structure – Decision making – Basic rules of WTO law and policy

Module II – General features of WTO dispute settlement

GATT Dispute Settlement (1948-1995) – Dispute settlement understanding of the WTO – Object and Purpose – Scope of Jurisdiction – Access to the dispute settlement body – precedent value – Participants – type of legal complaints – Involvement of non-state actors

Module III - Dispute Settlement Proceedings

Consultations – establishment of the Panel – functions of the panel – Timeframe for the Proceedings – The composition and structure of the appellate body – Process of appeal – Adoption of decision — Third party interests- Remedy for breach of WTO law – Implementation of the recommendations and rulings

Module IV – Jurisprudence on Substantive disciplines

Border measures – Non- discrimination – MFN and National Treatment – General and security exceptions – Gap-filling function of public international law – Treaty interpretation – State responsibility

ModuleV – India’s participation and challenges to WTO dispute settlement.

Case law discussion involving India – Developing countries’ interests -controversy relating to appellate body – Reform of the WTO Dispute Settlement Mechanism

Suggested Readings:

1. Cook, Graham, A Digest of WTO Jurisprudence on Public International Law Concepts and Principles. Cambridge University Press, 2015
2. Soprano, R. WTO Trade Remedies in International Law : Their Role and Place in a Fragmented International Legal System, Routledge (2018)
3. Mitsuo Matsushita et al., The World Trade Organization: Law, Practice, and Policy (OUP, 2015),
4. Jeff Waincymer, WTO litigation : procedural aspects of formal dispute settlement, Cameron May, 2002
5. Mathias Oesh, Standards of review in World Trade Organization dispute resolution, Oxford University Press, 2003
6. Andrew D. Mitchell, Legal principles in WTO disputes, Cambridge University Press, 2008.

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Core III – Arbitration of international commercial disputes

(4 Credits)

Course objectives:

This course provides a rigorous introduction to the field of international commercial arbitration, which has become the default means of settling international disputes. The course will deal with the internationalist elements of the subject matter, but will also examine international commercial arbitration from an Indian perspective. Students can expect to review both international and national commentaries, statutes and case law on the subject. Additionally, it intends to provide an overall knowledge of the world's leading arbitration institutions, and their rules of procedure. Apart from the principles of arbitration, the course will also cover, in brief, the rules of conciliation and the role of this method in resolving disputes.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Breaking down the working of Indian arbitration law and the related international treaties and conventions that may be applicable in a transnational context.	Analyse
CO2	Evaluate the various procedures that may be adopted and the interim measures and the final remedies that may be available in arbitration.	Evaluate
CO3	Critically examining the judicial interventions in relation to the enforcement of arbitration agreements and awards.	Applying

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	2	2	3	3
CO2	3	2	3	3	2
CO3	3	3	2	3	2

1-Slightly 2-Moderately 3-Substantially

Course Contents:

Module I: Legal nature of international commercial arbitration

Historical Evolution – Domestic and international arbitration – Adhoc and Institutional Arbitration – Overview of the Legal Infrastructure – theoretical foundations – Transnational arbitration

Module II: Gateway issues in arbitration

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Definition of International, Commercial, etc – Arbitration Agreement and its validity – arbitrability of the subject matter – Enforcement by National Courts – Doctrine of Separability composition of arbitration tribunal – Jurisdiction – Competence-competence rule

Module III: Arbitral Proceedings

Conduct of proceedings – rules of procedure – concept and relevance of ‘seat’ – De-localised arbitration – role of national courts during proceedings – applicable substantive law – Lex mercatoria – Non legal standards

Module IV: Post-award remedies

Arbitration Award – categories – Validity – application of the principle of res judicata – enforcement of award – grounds for refusal to enforce – enforcement of annulled awards

Module V: International commercial arbitration in India

ICA in India – Procedure under Indian Law – applicability of Arbitration and Conciliation Act, 1996 – Enforcement awards in Indian courts – interpretation of public exception

Suggested Readings:

1. Moses, Margaret L. ‘The Principles and Practice of International Commercial Arbitration’, (Cambridge, Cambridge University Press, 2012).
2. Blackaby, Nigel, Constantine Partasides, Alan Redfern, et al. ‘Redfern and Hunter on International Arbitration’ (Oxford University Press, 2015).
3. Born, Gary. ‘International Arbitration: Law and Practice’ (Kluwer Law International, 2016).
4. Lew, Julian D. M., Loukas A. Mistelis, and Kröll, Stefan, ‘Comparative International Commercial Arbitration’ (Kluwer Law International, 2003).
5. Poudret, Jean-François, Sébastien Besson, Stephen Berti, et al. ‘Comparative Law of International Arbitration’ (Sweet & Maxwell, 2007).
6. Malhotra, O. P. ‘The Law and Practice of Arbitration and Conciliation: The Arbitration and Conciliation Act 1996’ (LexisNexis, 2002).
7. William W. Park, Arbitration of International Business Disputes, Oxford University Press, 2012

Core IV – Investor-State Dispute Settlement

(4 Credits)

Course Objectives:

The resolution of investor-state disputes brings together difficult legal and policy questions both about the rights and obligations of international investors, about the rights and obligations of sovereign states and about the appropriate mechanisms for resolving investment disputes. The shifts from custom-based, to contract-based, to treaty-based protection for foreign investment, contextualise the legal and practical considerations when articulating the international law on investment protection. As the vast majority of investment disputes are submitted to arbitration, the law has largely developed through

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arbitral awards. Thus, the course studies the origins, the facets, and the evolution of investor-State arbitration, in order to capture the contribution of arbitral jurisprudence to the substantive law and procedure governing international claims.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Gathering a firm grasp of international investment law and be able to apply it to a variety of hypothetical scenarios	Understand
CO2	Critically evaluating the findings of arbitral tribunals and situate these findings within the broader corpus of international law	Evaluate
CO3	Creating familiarity with the content of customary and treaty protection for foreign investment	Create
CO4	Articulate the controversies and debates that both shape and emasculate the system of investor-State arbitration.	Applying

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	2	3	3	3	3
CO2	3	3	3	2	3
CO3	3	1	3	3	3
CO4	3	2	2	2	3

1-Slightly 2-Moderately 3-Substantially

Course Content:

Module 1 -The evolution of investment protection

Search for international standards _ Diplomatic practice and the creation of customary rules – diplomatic protection to investor-State arbitration – Arbitral awards as a source of law and applicable law - ICSID

Module II – Module Contract V treaty arbitration

Different between ICA and ITA – Contract v treaty claims- Umbrella clauses – Fork in the road provision _ Parallel proceedings – Investomercial arbitration

Module III - Procedural and substantive issues

Jurisdiction and admissibility issues – Protected investments and investors – Merits- Statnds of protection – Annulment and enforcement of arbitral awards in ITA

Module IV - India and investment treaty disputes

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Counter claims – Dabhol arbitration – white industries award – Model BIT – Balancing the regulatory interests of the state with interests of foreign investors

Module V – The future of investment protection

Legitimacy crisis – Rejection or reform – UCITRAL Working Group – investor-State arbitration at the crossroads – Multilateral investment court – investor responsibility.

Suggested Readings:

1. Christopher F Dugan et al, Investor-State Arbitration (Oxford University Press 2008).
2. Nigel Blackaby, Constantine Partasides et al., Redfern and Hunter on International Arbitration (6th ed. Oxford University Press 2015)
3. Rudolf Dolzer & Christoph Schreuer, Principles of International Investment Law, (Oxford University Press 2012)
4. Zachary Douglas, Joost Pauwelyn & Jorge E Viñuales (eds), The Foundations of International Investment Law: Bringing Theory into Practice (Oxford University Press 2014)
5. Christoph Schreuer et al, The ICSID Convention – A Commentary (Cambridge University Press 2009)

Elective I – International Law and the Global Economy (4 credits)

Course objectives:

The purpose of this course is to give the students an understanding of the legal principles and mechanisms governing international economic law. It will cover all aspects, from the early development of international law as the regime of choice for international traders and explorers, to the current questions of international economic law and the global financial crisis. Students taking this elective will be challenged to analyse the interface between international law and the global economy from different perspectives: historical, current, the institutional, individual, the developed world and the global poor. We will be examining policy and economic trends and learn to recognise points of friction and areas for improvement. Attention will be paid to private law regimes as well as trends in global governance.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Deducing the main features of the rules and regimes of international economic law as well as the interplay between these and other rules of international law.	Analyse
CO2	Understanding the relation between these legal regimes and the different ideas and beliefs that influenced them.	Understand

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CO3	Analysing the main legal rules and legal mechanisms of international economic law, in an independent and critical manner	Analyse

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	2	3	3	3	3
CO2	3	3	1	3	3
CO3	3	3	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Contents:

Module I: International economic law and its context

Relevant aspects of general international law – The East India Companies and the development of international law through trade – founding of the Bretton Woods institutions – global crises and the NIEO

Module II: Sources, Actors and Networks of international economic order

The concept of International Economic Order – Sources – GATT/WTO – International Investment Agreements – ICSID System –The global regulation of finance – The interface between the three regimes

Module III: The Public-Private distinction in international law

Contracts and Treaties - Epistemic community of decision makers – role of non-state actors in economic governance – lex mercatoria

Module IV: Interface with environment and human rights

Global economy and development – Business and human rights – Business and environment Third World Project and the present

Module V: The Legitimacy crisis in global economic governance

The law of global economy and the Spectre of inequality– Regime backlashes – Contemporary nationalism, regionalism, and the future of global political economy

Suggested Readings:

1. Kenen, Peter B, Managing the world economy: fifty years after Bretton Woods. (Peterson Institute Press 1994).
2. Moschella, Manuela, and Catherine Weaver, Handbook of Global Economic Governance: Players, Power, and Paradigms (Routledge, 2014).

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3. Broude, Tomer, Marc L. Busch, and Amelia Porges, The Politics of International Economic Law (Cambridge University Press, 2011).
4. Qureshi, Asif H., Andreas R. Ziegler, International Economic Law, (Sweet & Maxwell, 2019).
5. Petersmann, Ernst-Ulrich, Constitutional functions and constitutional problems of international economic law. (Routledge, 2019)
6. Petersmann, Human rights and international economic law in the 21st century. The need to clarify their interrelationships, Journal of International Economic Law (2001).
7. John Linarelli, M E Salomon, and M Sornarajah, The Misery of International Law: Confrontations with Injustice in the Global Economy (OUP 2018).

Elective II – Law of the World Trade Organisation (4 Credits)

Course objective:

The aim of this module is to provide students with an advanced knowledge of the regulatory framework underpinning the multilateral trading system, covering both the institutional and substantive law of the World Trade Organisation (WTO). Students will begin by reflecting on the theoretical arguments for and against 'free' trade and on the role of law and institutions in international trade relations. The course will then be dedicated to the institutional structure and decision-making processes of the WTO, including its unique system for the resolution of international trade disputes. Students will be further exposed to some of the contemporary challenges facing the WTO, including the on-going Doha round of multilateral trade negotiations, WTO members' (excessive) reliance on adjudication, the proliferation of regional trade agreements, the WTO's role in global governance and the growing hostility towards economic globalisation and international trade.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Create a sound theoretical understanding about the core theories and legal principles surrounding global free trade and its tension with state protectionism	Create
CO2	Understand the WTO institutional structure and decision-making processes, as well as of its core legal concepts and disciplines on international trade in goods	Understand
CO3	Devise capacity for innovative thinking on controversial trade and non-trade issues by engaging on contemporary legal and policy debates on WTO law and on its interface with other international legal regimes.	Create
CO4	Conduct independent research, to synthesize and evaluate legal material relating to world trade from a variety of relevant primary and secondary sources.	Evaluate

COURSE ARTICULATION MATRIX

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	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	3	2	3	2	3

1-Slightly 2-Moderately 3-Substantially

Course Contents:

Module 1: Introduction to international trade law

Evolution of world trade – difference between liberalized trade and free trade – progressive development of international trade law – theories related to international trade – mercantilism – Absolute advantage – Comparative advantage

Module 2: The Legal Framework of WTO

Establishment of WTO – trade under WTO regime – WTO structure – General Principles of international trade – Non-discrimination – Dispute Settlement Understanding

Module 3: Restrictions and Exceptions

Restrictions on International Trade – Tariff and Non-Tariff restriction – Tariff v. Quantitative restrictions – General Exceptions and Security Exceptions – sanitary and phyto sanitary restrictions – technical barriers to trade

Module 4: Trade Remedies

Protection of domestic industry – anti dumping measures – subsidies and countervailing duties – Safeguards

Module 5: International trade in services

General Agreement on Trade in Services – history and development – meaning of trade in service – role of developing countries – domestic regulations – specific commitments

Suggested readings:

1. Daniel Kennedy & James Southwick, The Political Economy of International Trade, 2002
2. Alice Landau, The International Trade System, Routledge, 2004
3. Craig VanGrasstek, The History and Future of the World Trade Organization, 2013
4. Raj Bhala, International trade law: theory and practice (Lexis Pub, 2001)
5. Guzman, Andrew T., and Joost Pauwelyn, 'International Trade Law', (Wolters Kluwer Law & Business, 2012).
6. Lester SN, Mercurio B, Davies A. World trade law: text, materials, and commentary, (Hart Publishing, 2018)

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7. Matsushita M, Schoenbaum TJ, Mavroidis PC. The World Trade Organization: law, practice, and policy, (Oxford University Press, 2003)
8. George A Berman & Petros Mavroidis, WTO Laws and Developing Countries, Cambridge University Press, 2007.
9. Jackson, John Howard. The world trading system: law and policy of international economic relations, (MIT press, 1997)
10. K. Bagwell and R.W. Staiger, The Economics of the World Trading System, (MIT Press, 2002)
11. Hoekman, Bernard M., and Petros C. Mavroidis. World Trade Organization (WTO): Law, Economics, and Politics (Routledge, 2007)
12. Matsushita, Mitsuo, et al. The World Trade Organization: law, practice, and policy. Oxford University Press, 2015.
13. Lang, Andrew. World trade law after neoliberalism: Reimagining the global economic order. Oxford University Press, 2011.
14. Lester, Simon, Bryan Mercurio, and Arwel Davies. World trade law: text, materials and commentary. Hart Publishing, 2018.
15. Palmeter, David, and Petros C. Mavroidis. Dispute settlement in the World Trade Organization: practice and procedure. Cambridge University Press, 2004.

Elective III – International Investment Law (4 Credits)

Course objective:

This course examines the public international law on the entry and protection of foreign investment both in customary international law and treaties, in particular bilateral investment treaties (BITs) and free trade agreements. It provides an in-depth analysis of procedures for investor-state dispute settlement under arbitral facilities such as ICSID and analyses the exponentially growing case law in the field. The course devotes attention also to the environmental and social issues surrounding foreign investment and efforts to regulate the obligations of multinational corporations.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the nature and function of the various legal instruments, mechanisms and processes constituting international investment law.	Understand
CO2	Build an in-depth knowledge of key issues of the substantive law and policy of foreign investment protection.	Create
CO3	Analyse critically the regime of modern investment protection law including different procedures for settlement of investment disputes	Analyse

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COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course contents:

Module I: Basic Investment Concepts

History of Foreign Investment – Evolution and context of international investment law – Economic, political, legal rationales for investment – Actors in Foreign Investment Law – Protection of property – Minimum standard of treatment

Module II: International Investment Agreements

Foreign Investment Contracts – Bilateral Investment Treaties – Multilateral investment treaties – Investment chapters in FTAs – Principal provisions – Balanced Treaties

Module III: Investor-State Dispute Settlement

Arbitration of investment disputes Treaties – Jurisdictional Issues – Covered Investments – Protected Investors – Contract claims v. treaty claims – Issues of state responsibility – ICSID Convention – Challenge and review of awards

Module IV: Standards of Treatment

Expropriation – Fair and Equitable Standard – Full Protection and Security – Most Favoured Nation Treatment – National treatment – Denial of Justice – Umbrella clauses

Module V: Recent Developments

Backlash against the system – Legitimacy crisis – Reform process – Appellate mechanism – Return of the state in IIL – Investor obligations – Protection of Environment and Human Rights

Suggested Readings:

1. Newcombe and L. Paradell, Law and Practice of Investment Treaties, Standards of Treatment, Wolters Kluwer, 2009.
2. D. Bishop, J. Crawford and M. Reisman, Foreign Investment Disputes, Cases, Materials and Commentary, Kluwer Law International, 2005.
3. J. E. Alvarez, The Public International Law Regime Governing International Investment, The Hague Academy of International Law, 2011.

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4. R. Dolzer and C. Schreuer, Principles of International Investment Law, Oxford University Press, 2012.
5. Z. Douglas, J. Pauwelyn and J. Vinuales (eds.), The Foundations of International Investment Law: Bridging Theory into Practice, Oxford University Press, 2014
6. M. Sornarajah, The International Law on Foreign Investment, Cambridge University Press, 2017.
7. G. Van Harten, Investment Treaty Arbitration and Public Law, Oxford University Press, 2007.

GTOUP K International Trade & Investment Law

Core I – Law of the World Trade Organisation (4 Credits)

Course objectives:

The aim of this module is to provide students with an advanced knowledge of the regulatory framework underpinning the multilateral trading system, covering both the institutional and substantive law of the World Trade Organisation (WTO). Students will begin by reflecting on the theoretical arguments for and against 'free' trade and on the role of law and institutions in international trade relations. The course will then be dedicated to the institutional structure and decision-making processes of the WTO, including its unique system for the resolution of international trade disputes. Students will be further exposed to some of the contemporary challenges facing the WTO, including the on-going Doha round of multilateral trade negotiations, WTO members' (excessive) reliance on adjudication, the proliferation of regional trade agreements, the WTO's role in global governance and the growing hostility towards economic globalisation and international trade.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Create a sound theoretical understanding about the core theories and the legal principles surrounding global free trade and its tension with state protectionism	Create
CO2	Understand the WTO institutional structure and decision-making processes, as well as of its core legal concepts and disciplines on international trade in goods	Understand
CO3	Build capacity for innovative thinking on controversial trade and non-trade issues by engaging with contemporary legal and policy debates on WTO law and on its interface with other international legal regimes.	Create
CO4	Facilitate independent research, to synthesise and evaluate legal material relating to world trade from a variety of relevant primary and secondary sources.	Create

COURSE ARTICULATION MATRIX

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	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	3
CO2	2	3	3	3	3
CO3	3	2	3	3	3
CO4	3	2	3	2	3

1-Slightly 2-Moderately 3-Substantially

Course Contents:

Module I: Introduction to international trade law

Evolution of world trade – difference between liberalized trade and free trade – progressive development of international trade law – theories related to international trade – mercantilism – Absolute advantage – Comparative advantage

Module II: The Legal Framework of WTO

Establishment of WTO — The structure of WTO– General Principles of international trade – Non-discrimination – Dispute Settlement Understanding

Module III: Restrictions and Exceptions

Restrictions on International Trade – Tariff and Non-Tariff restrictions – Quantitative restrictions – General Exceptions and Security Exceptions – Sanitary and phytosanitary restrictions – technical barriers to trade

Module IV: Trade Remedies

Protection of domestic industry – Anti dumping measures – Subsidies and countervailing duties – Safeguards

Module V: International trade in Services

General Agreement on Trade in Services – History and development – meaning of trade in services – Modes of Supply – Role of developing countries – domestic regulations

Suggested readings:

1. Daniel Kennedy & James Southwick, *The Political Economy of International Trade*, 2002
2. Craig VanGrasstek, *The History and Future of the World Trade Organization*, 2013
3. Raj Bhala, *International trade law: theory and practice* (Lexis Pub, 2001)
4. Guzman, Andrew T., and Joost Pauwelyn, *International Trade Law* (Wolters Kluwer Law & Business, 2012).
5. Lester SN, Mercurio B, Davies A. *World trade law: text, materials, and commentary*, (Hart Publishing, 2018)
6. Matsushita M, Schoenbaum TJ, Mavroidis PC. *The World Trade Organization: law, practice, and policy*, (Oxford University Press, 2003)
7. George A Berman & Petros Mavroidis, *WTO Laws and Developing Countries*, Cambridge University Press, 2007.

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8. Jackson, John Howard. The world trading system: law and policy of international economic relations (MIT press, 1997)
9. K. Bagwell and R.W. Staiger, The Economics of the World Trading System, (MIT Press, 2002)
10. Hoekman, Bernard M., and Petros C. Mavroidis. World Trade Organization (WTO): Law, Economics, and Politics (Routledge, 2007)
11. Matsushita, Mitsuo, et al. The World Trade Organization: law, practice, and policy. Oxford University Press, 2015.
12. Lester, Simon, Bryan Mercurio, and Arwel Davies. World trade law: text, materials and commentary. Hart Publishing, 2018.

Core II – International Investment Law (4 Credits)

Course objectives:

This course examines the public international law on the entry and protection of foreign investments, both in customary international law and treaties, in particular bilateral investment treaties (BITs) and free trade agreements. It provides an in-depth analysis of procedures for investor-state dispute settlement under arbitral facilities such as ICSID and analyses the exponentially growing case law in the field. The course devotes attention also to the environmental and social issues surrounding foreign investment and efforts to regulate the obligations of multinational corporations.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the nature and function of the various legal instruments, mechanisms and processes constituting international investment law.	Understand
CO2	Build an in-depth knowledge of key issues of the substantive law and policy of foreign investment protection.	Create
CO3	Analyse critically the regime of modern investment protection law including different procedures for settlement of investment disputes.	Analyse

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3

1-Slightly 2-Moderately 3-Substantially

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Course contents:

Module I: Basic Investment Concepts

History of Foreign Investment – Evolution and context of international investment law – Economic, political, legal rationales for investment – Actors in Foreign Investment Law – Protection of property – Minimum standard of treatment

Module II: International Investment Agreements

Foreign Investment Contracts – Bilateral Investment Treaties – Multilateral investment agreements – Investment chapters in FTAs – Principal provisions – Balanced Treaties

Module III: Investor-State Dispute Settlement

Arbitration of investment disputes Treaties – Jurisdictional Issues – Covered Investments – Protected Investors – Contract claims v. treaty claims – Issues of state responsibility – ICSID Convention – Challenge and review of awards

Module IV: Standards of Treatment

Expropriation – Fair and Equitable Standard – Full Protection and Security – Most Favoured Nation Treatment – National treatment – Denial of Justice – Umbrella clauses

Module V: Recent Developments

Backlash against the system – Legitimacy crisis – Reform process – Appellate mechanism – Return of the state in IIL – Investor obligations – Protection of Environment and Human Rights

Suggested Readings:

1. Newcombe and L. Paradell, Law and Practice of Investment Treaties, Standards of Treatment, Wolters Kluwer, 2009.
2. D. Bishop, J. Crawford and M. Reisman, Foreign Investment Disputes, Cases, Materials and Commentary, Kluwer Law International, 2005.
3. J. E. Alvarez, The Public International Law Regime Governing International Investment, The Hague Academy of International Law, 2011.
4. R. Dolzer and C. Schreuer, Principles of International Investment Law, Oxford University Press, 2012.
5. Z. Douglas, J. Pauwelyn and J. Vinuales (eds.), The Foundations of International Investment Law: Bridging Theory into Practice, Oxford University Press, 2014
6. M. Sornarajah, The International Law on Foreign Investment, Cambridge University Press, 2017.
7. G. Van Harten, Investment Treaty Arbitration and Public Law, Oxford University Press, 2007.

Core III – International Commercial Transactions (4 Credits)

Course objectives:

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The course takes its starting point in international commercial contracts and cross-border sales transactions. Additionally the course discusses areas of law closely connected with this, such as international transport of goods, insurance, and relevant laws relating to payments and financing of the foreign trade. It provides the basic knowledge of how international private (commercial) disputes are resolved through international arbitration. Furthermore, the course intends to supply the basic knowledge of Indian legal and policy framework relating to export trade.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Compare different cross-border financial transactions to locate different regulations governing transnational business activities.	Understand
CO2	Identify the legal mechanisms available to facilitate international dispute resolution and as well as the domestic laws relating to foreign trade	Remembering
CO3	Summarise the nature of private international trade law within the structure of the international legal system.	Understand

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Contents:

Module I: International sale of goods

Types of International Contracts – Standard Trade Terms (CIF, FOB, FAS) – Rights Liabilities of Parties to Contracts – UNIDROIT Principles of International Commercial Contracts – Convention on International Sale of Goods – INCOTERMS

Module II: Carriage of Goods

Carriage of Goods by Sea – Bills of lading and Charter Parties – Rights and Liabilities of the Parties to Contract of Carriage – Hague Rules – Hague-Visby Rules – Hamburg Rules – Carriage by Air and Land – Multimodal Transport Law – Marine Insurance

Module III: Payments and financing in cross-border trade

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International payments – Bills of Exchange – Commercial Credit in International Trade – Letter of Credit – Types and the Law Relating to Commercial Credit – Uniform Customs & Practice for Documentary Credits (UCP 600)

Module IV: Dispute Resolution

Arbitration of commercial disputes– UNCITRAL Model Law – National laws and the Role of Courts – Recognition and Enforcement of Arbitral Awards – Maritime Arbitration

Module V: Indian Law on Foreign Trade

Constitutional scheme – Regulatory aspects – Exim Policy – Customs Act – Foreign Trade (Development and Regulation) Act – Foreign Exchange Management Act – Export Credit Guarantee Corporation Act – Export Promotion Council.

Suggested readings:

1. Indira Carr and Peter Stone, *International Trade Law* (Routledge 2017)
2. Bridge, Michael G. *The international sale of goods*. (Oxford University Press, 2017).
3. Chuah, Jason. *Law of international trade: cross-border commercial transactions*. (Sweet & Maxwell, 2009).
4. Bonell, Michael Joachim. *An international restatement of contract law: the UNIDROIT principles of international commercial contracts*. (Brill Nijhoff, 2005).
5. Fawcett, James, Jonathan Harris, and Michael Bridge. *International sale of goods in the conflict of laws*. (OUP Oxford 2005).
6. Gabriel, Henry D. *Contracts for the sale of goods: a comparison of domestic and international law*. (Oceana, 2004).
7. Ingeborg H. Schwenzer, and Peter Schlechtriem (eds.) *Commentary on the UN Convention on the International Sale of Goods (CISG)*. (Oxford: OUP, 2010).
8. Vogenauer, Stefan, and Jan Kleinheisterkamp (eds.) *Commentary on the UNIDROIT principles of international commercial contracts (PICC)*. (Oxford: OUP, 2009).
9. Abhishek Rastogi, *Handbook on Foreign Trade Policy 2015-2020*(EBC 2020).

Core IV – State Control of International Trade (4 Credits)

Course objective:

The course is designed to provide a high-level knowledge on India's Foreign trade and Policy. Along with the discussion on the theories underlying the global trading regime, the course attempts to familiarise the students with practical information on the domestic policy relating to export and import. It also looks at the Institutional set up of various bodies created for trade Promotion.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the domestic policies and legal framework governing foreign trade in India.	Understand

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CO2	Review and Interpret international trade rulings (for example of the WTO) that relates to India's commitments.	Evaluate
CO3	Analyse the pros and cons of country's trade and economic relations with other nations and regions.	Analyse

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Contents:

Module I: Constitution of India and international trade

Freedom of trade and commerce – Constitutional perspectives – India under WTO – National interest at the international fora – India's Trade relationship with major Trade Blocs in the world

Module II: National legislations relating to international trade

Indian Laws and Regulations Governing International Transactions – Power of the Central Government under Customs Act, 1962, Foreign Trade Act, 1992, etc – India's foreign investment policy – FEMA, 1999 – Change from the FERA regime Current FDI Policies

Module III: India's foreign trade policy

Foreign Trade – history of trade policy – legal frame work of trade policy – Board of trade – general provisions regarding import and export –Foreign Free Trade Policy 2015

Module IV: SEZs and new government policies

Trade promotions councils – Export oriented Units – Special Economic Zones – new government policies regarding manufacture and skill development – impact on labour and environmental laws

Module V: State as a trader

Sovereign and non-sovereign functions – lifting the monopoly enjoyed by State – special situations relating to railways, telegraph and postal services – changing in banking, insurance and educational sectors.

Suggested readings:

1. Tendulkar, Suresh D., and T. A. Bhavani. 'Understanding Reforms: Post 1991 India' (Oxford University Press, 2012).
2. Gantz, David A. 'Liberalizing International Trade After Doha: Multilateral, Plurilateral, Regional, and Unilateral Initiatives' (Cambridge University Press, 2013).

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3. Barua, Alokesh, and Robert M. Stern. 'The WTO and India: Issues and Negotiating Strategies' (Orient BlackSwan, 2010).
4. Mathur, Vibha. 'WTO and India: Development Agenda for the 21st Century' (New Century Publications, 2005).
5. Karmakar, Suparna, Rajiv Kumar, and Bibek Debroy. 'India's Liberalisation Experience: Hostage to the WTO?' (SAGE, 2007).
6. Das, Abhijit, James J. Nedumpara, 'WTO Dispute Settlement at Twenty: Insiders' Reflections on India's Participation' (Springer Singapore, 2016).

Elective I - International Trade and Environment (4 Credits)

Course Objective:

The debate over globalization often centers on the benefits and burdens of international trade. This is one such course that provides an introduction to these issues by examining the laws and institutions that govern transboundary environmental problems arising out of international trade. The course will begin with an introduction to international environmental law. And, from this base, the course will provide an overview of key institutions and environmental law frameworks. The final part of the course will build upon this foundation to explore a selection of contemporary issues, including the problems posed by climate change and the global approaches to tackle the same.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Distinguish and describe the general principles applicable to international environmental law.	Analyse
CO2	Identify the environmental problems that arise out of surge in global trade.	Remember
CO3	Assess the country-specific law and policy approaches adopted by governments for the protection of environment.	Evaluate
CO4	Review and compare the linkages between WTO agreements and environment.	Evaluate

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	2	3	1	2	3

1-Slightly 2-Moderately 3-Substantially

Course contents:

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Module I: Introduction to Trade and environment

WTO Agreement and Sustainable Development – Environmental Protection – Committee on trade and environment – Article XX GATT – TBT and SPS Agreements

Module II: The WTO jurisprudence

Environment-related disputes – WTO Case law – Panel reports – Appellate Body Decisions

Module III: International legal framework relating to trade and environment

International treaties – CBD – Kyoto Protocol – Access and Benefit Sharing of Genetic and Biological Resource – Cartagena Protocol

Module IV: Plant protection, biotechnology and trade

Protection of Plant varieties – Protection through IPR mechanism – UPOV – Plant Variety Protection laws – Biotechnology and trade

Module V: Contemporary issues

Trade negotiations of environmental goods – meaning of environmental goods – climate protection – Ozone protection – inter governmental panel on climate change – Trade in environmental services

Suggested readings:

1. Fraser RW, David Cook, and Haddock-Fraser J., The WTO and environment-related international trade disputes: biosecurity and ecosystem services risks. (New Jersey: World Scientific 2019).
2. Low, Patrick. 'International Trade and the Environment', (Washington, D.C, World Bank, 1992).
3. Beukering, Pieter J. H., 'Recycling, International Trade and the Environment: An Empirical Analysis', (Dordrecht, Springer Netherlands, 2001).
4. Vranes, Erich. 'Trade and the Environment: Fundamental Issues in International Law, WTO Law, and Legal Theory', (Oxford University Press, 2009).
5. Nirmal, B. C. and Rajnish Kumar Singh, 'Contemporary Issues in International Law: Environment, International Trade, Information Technology and Legal Education', (Springer Singapore, 2018).
6. Simon Baughen, International trade and the protection of the environment (Routledge-Cavendish, 2007).

Elective II - International Trade in Agriculture and Food (4 Credits)

Course objectives:

Agriculture and food play an important role in economic development and international trade. The course is essential for a better understanding of trade and development. This course is designed to give students a competitive edge by providing them

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with theoretical knowledge and practical background in global production and trade in food and agricultural products.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Appreciate and explain different national models for agricultural production and trade and their implications for the trading system	Analyse
CO2	Understand and interpret special agricultural trade policies and policy instruments	Understand
CO3	Explain how agriculture and reforms affect economic development and food security, with a special focus on the developing world	Analyse

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	2	3	3	3
CO2	3	3	2	3	3
CO3	3	3	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Contents:

Module I: Agriculture and Economic Development

Importance of agriculture sector – trends in agriculture – agricultural export – balance of agriculture trade – domestic support to agricultural sector – Significance of Agreement on Agriculture

Module II: WTO agreements and Agriculture

Meaning of agriculture – products covered – market access – barriers to agricultural sector – Tariff Barriers – Non Tariff Barriers – SPS measures – TBT Measures

Module III: National commitments on Agriculture

Protection of domestic market – export competition commitments – export subsidy commitments and its restrictions – due resistance – committee on Agriculture

Module IV: International Trade and Food Security

Food security – national and household levels – indicators of food security – relation between trade and food security – Doha development and food security – food safety – food sustainability

Module V: Agriculture, Food and Intellectual Property

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Impact of IPRs – role of patents – registration as plant varieties – protection to seeds
– impact of farmers – future of agriculture sector and food security

Suggested Readings:

1. Koo, Won W., and Lynn Kennedy, 'International Trade and Agriculture', (Blackwell Pub, 2005).
2. Bürgi Bonanomi, Elisabeth, 'Sustainable Development in International Law Making and Trade: International Food Governance and Trade in Agriculture', (Edward Elgar Pub. Ltd, 2015).
3. Smith, Fiona. 'Agriculture and the WTO: Towards a New Theory of International Agricultural Trade Regulation', (Edward Elgar M.U.A, 2009).
4. Chen, Ying, 'Trade, Food Security, and Human Rights: The Rules for International Trade in Agricultural Products and the Evolving World Food Crisis', (Surrey, Ashgate, 2014).
5. Davis, Christina L. 'Food Fights Over Free Trade: How International Institutions Promote Agricultural Trade Liberalization', (Princeton University Press, 2003).
6. Alexander Sarris & Jamie Morrison, 'The Evolving Structure of World Agricultural Trade: Implications of Trade Policy and Trade Agreements', (Food & Agriculture Organization of the United Nations, 2009).

Elective III – Understanding TRIPS Mandates and Flexibilities (4 Credits)

Course Objectives:

The world is surrounded by the subject matter of Intellectual Property. Through global politics, IP came to be included within the global trade regime and we are dependent on the subject matter IP even for basic medical needs. This paper focuses on the global politics which resulted in the TRIPS Agreement and the repercussions it has brought about in the various industries and daily life of people globally. How effectively the flexibilities within the various IPRs can be utilized so as to overcome the monopoly of the IPR regime and make the subject matter of IP accessible to the common public along with facilitation of trade will be further analysed in this paper.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the history and global politics behind the conclusion of the TRIPS Agreement	Understand
CO2	Assess the need and relevance of flexibilities within the IP system	Evaluate
CO3	Analyse how the flexibilities within the IP system can be utilized for enhancing public access	Analyse
CO4	Identifying the flexibilities within the national IP laws of different jurisdictions.	Remember
CO5	Evaluate the need to have a robust public domain and to revise the working of the existing IP system	Evaluate

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COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Contents:

Module I – Understanding TRIPS

Negotiation history – general principles – minimum standards

Module II – TRIPS flexibilities

Meaning and scope of different categories of IP- subject matter, standards, scope of protection, enforcement – importance of a robust public domain

Module III – Limitations and Exceptions

TRIPS Flexibilities - limitations and exceptions – parallel import, transition period

Module IV – Relevance of Flexibilities

Importance of the use of TRIPS flexibilities for developing countries – Doha Declaration

Module V – Dispute Settlement

Dispute settlement mechanism – procedure - standing of developed and developing countries

Suggested Readings:

1. Terence P. Stewart, GHATT Uruguay Round: *Negotiating History*, Kluwar Law International, (1999).
2. Reichman, Jerome, *Of Green Tulips and Legal Kudru: Repackaging Rights in Subpatentable Innovtions*, (2003).
3. Bodenhausen, *Guide to the application of the Paris Convention for the Protection of Industrial Property*, WIPO (1985).
4. Rajeev Dhavan et al, “Paris Convention Re-visited”, J.I.L.I (1992)
5. Rajagopala Ayyangar, *Report on the Revision of the Patent Law*, Govt. of India (1959).
6. Rajeev Dhavan et.al., “Whose Interest? Independent India’s Patent Law and Policy”, 32 J.I.L.I 429 (1990).
7. Christoph Belman and Graham Dutfield, *Trading in Knowledge: development Perspectives on TRIPS, Trade and Sustainability*, Earthscan Publications Ltd. (2003)
8. WIPO Reading Material on Intellectual Property, WIPO, Geneva

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9. Neil Netanel (ed.), *The Development Agenda: Global Intellectual Property and Developing Countries*, Oxford University Press, 2009
10. Christopher May, *The World Intellectual Property Organization: Resurgence and the Development Agenda*, Routledge, 2007

Elective IV – International Commercial Arbitration (4 Credits)

Course objectives:

This course provides a rigorous introduction to the field of international commercial arbitration, which has become the default means of settling international disputes. The course will deal with the internationalist elements of the subject matter, but will also examine international commercial arbitration from an Indian perspective. Students can expect to review both international and national commentaries, statutes and case law on the subject. Additionally, it intends to provide an overall knowledge of the world's leading arbitration institutions, and their rules of procedure. Apart from the principles of arbitration, the course will also cover, in brief, the rules of conciliation and the role of this method in resolving disputes.

Course Outcomes (COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Build a specialised knowledge on the working of Indian arbitration law and the related international treaties and conventions that may be applicable in a transnational context	Create
CO2	Extend advice in relation to international commercial arbitration, the merits and demerits, the practice and procedure.	Understand
CO3	Evaluate the various procedures that may be adopted and the interim measures and the final remedies that may be available in arbitration.	Evaluate
CO4	Critically analyse the judicial interventions in relation to the enforcement of arbitration agreements and awards.	Analyse

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	3	3
CO2	3	3	3	3	3
CO3	3	3	3	3	3
CO4	2	2	3	2	3

1-Slightly 2-Moderately 3-Substantially

Course Contents:

Module I: Introduction

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Dispute resolution in international trade – history and growth of international commercial arbitration – theoretical foundation

Module II: Preliminary issues in arbitration

Definition of International, Commercial, etc – Arbitration Agreement and its validity – composition of arbitration tribunal & its status – Jurisdiction

Module III: Arbitral Proceedings

Conduct of proceedings – Law applicable – rules of procedure, place and language, concept and relevance of ‘seat’ – De-localised arbitration – role of national courts during proceedings – experts by tribunal

Module IV: Post-award remedies

Arbitration Award – categories – Validity – application of the principle of *res judicata* – Challenge against awards – enforcement of arbitral awards

Module V: International commercial arbitration in India

ICA in India – Procedure under Indian Law – applicability of Arbitration and Conciliation Act, 1996 – Enforcement awards in Indian courts.

Suggested Readings:

1. Moses, Margaret L. ‘The Principles and Practice of International Commercial Arbitration’, (Cambridge, Cambridge University Press, 2012).
2. Blackaby, Nigel, Constantine Partasides, Alan Redfern, et al. ‘Redfern and Hunter on International Arbitration’ (Oxford University Press, 2015).
3. Born, Gary. ‘International Arbitration: Law and Practice’ (Kluwer Law International, 2016).
4. Lew, Julian D. M., Loukas A. Mistelis, and Kröll, Stefan, ‘Comparative International Commercial Arbitration’ (Kluwer Law International, 2003).
5. Poudret, Jean-François, Sébastien Besson, Stephen Berti, et al. ‘Comparative Law of International Arbitration’ (Sweet & Maxwell, 2007).
6. Malhotra, O. P. ‘The Law and Practice of Arbitration and Conciliation: The Arbitration and Conciliation Act 1996’ (LexisNexis, 2002).

Group L: Labour Law

Core I – Trade Unionism, Collective Bargaining and Industrial Democracy (4 credits)

Course Objective

The success of every economy lies in the success of its industrial sector and to ensure this a systematic and well focus set of labour legislations are a must and it starts with the protection of the weakest of its stake holders, labour. The best mechanism to do the same is providing them with a level playing field and thus encourage a better system of industrial democracy. The paper looks into the concepts of trade unionism, collective bargaining and

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industrial democracy and how through these mechanisms, both at the national level and the international level, fosters a better and more balanced industrial sector.

Learning Outcomes

Course Outcomes (CO)		Bloom's Taxonomy Level
After the successful completion of the course, students will be able to:		
CO 1	Appraise the necessity of trade unionism, collective bargaining and industrial democracy	Evaluate
CO 2	Apprise the legal structure of trade unionism, collective bargaining and industrial democracy protection in India	Evaluate
CO 3	Understand the niceties of the law regarding trade unionism, collective bargaining and industrial democracy	Understand
CO 4	Apprise the impact of international regime on the Indian law	Evaluate
CO 5	Formulate policy for a balanced trade union and system of regime of collective bargaining and industrial democracy for better and balanced industrial sector	Create

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	2	3
CO2	2	3	2	3	3
CO3	2	3	3	3	3
CO4	3	3	2	3	2
CO5	3	2	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Content

Module I: Concept of Trade Union:

Trade union movement in India – role & functions – significance in the globalised era
– ILO mandate

Module II: Recognised Trade Unions:

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Registered trade unions – rights, liabilities and immunities – trade union finance and its management

Module III: Concept of Collective Bargaining:

Analysis of the concept – advantages & disadvantages – relation with trade unionism – the process – strike & lock out – economic implications – ILO mandate

Module IV: Concept of Industrial Democracy:

Analysis of the concept – workers participation in management – types collective bargaining, works committee, producers co-operation, co-determination – workers participation in India – works committee – ILO mandate

Module V: Constitutional Perspectives:

Right to form association & unions – sanctity of trade unionism and collective bargaining – workers participation – relevance in contemporary state of affairs

Suggested Readings :

1. Report of the National Labour Commission on Labour (1969) – Chapters 20, 21, 23 & 24
2. Report of the National Labour Commission on Labour (2002) – Chapter 13
3. Bryn Perrins, Trade Union Law (1985)
4. Sydney & Beatrice Webb, Industrial Democracy (1926, 9th edn.)
5. Sydney & Beatrice Webb, History of Trade Unionism (1894)
6. K. D. Srivastava, Law relating to Trade Union and Unfair Labour Practices in India (2002)
7. ILO, Collective Bargaining in Industrialised Market Economies (1978)
8. Pillai K.M., (ed.), Labour and Industrial Law, (2005)
9. Krishnamurthy. K., (ed.), Labour Management Relations under Globalization : Law and Policy perspective, (2009)
10. Maheswara Swamy. M., (ed.), Impact of ILO Standards on Indian Labour, (2007).
11. Kamala Sankaran, Freedom of Association in India and International Labour Standards, (2009)
12. E M Rao, Industrial Jurisprudence – A Critical Commentary, (2015)

Core II – Industrial Disputes and Resolution

(4 credits)

Course Objective

The success of every economy lies in the success of its industrial sector and to ensure this a systematic and well focus set of labour legislations are a must. One of the major factors to ensure a healthy industrial set up is to ensure industrial peace and resolution of industrial disputes is of utmost importance. Here it becomes essential to understand what constitutes an industrial dispute and thereon the mechanisms for its resolution, which are the foci of this paper.

Learning Outcomes

Course Outcomes (CO)	Bloom's Taxonomy Level
After the successful completion of the course, students will be able to:	

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CO 1	Analyse the concepts of industry, industrial dispute and dispute resolution	Analyse
CO 2	Apprise the legal structure of industry, industrial dispute and dispute resolution in India	Evaluate
CO 3	Understand the niceties of the law regarding industrial dispute and dispute resolution	Understand
CO 4	Apprise the impact of international regime on the Indian law particularly in the context of globalization	Evaluate
CO 5	Formulate policy for identification of industries and what constitutes industrial disputes along with dispute resolution	Create

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	2	3
CO2	2	3	2	3	3
CO3	3	3	3	3	3
CO4	3	3	2	3	2
CO5	3	2	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Content

Module I: Concept of Industry:

Definition – judicial interpretation & its response – need for further change

Module II: Concept Of Industrial Disputes :

Definition – strike – lock out – layoff – retrenchment – closure – transfer of undertaking – ILO mandate

Module III: Dispute Settlement:

Concept – voluntary – conciliation, mediation, arbitration – adjudication – institutions under ILO mandate

Module IV: Procedure Of Dispute Settlement:

Government interference – authorities – their procedure, powers & functions

Module V: Enforcement Of Settlement Decisions:

Binding nature of the voluntary mechanism – nature & scope of decision – possibility of appeal and other Constitutional remedies – enforcement

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References

1. Report of the National Labour Commission on Labour (1969)
2. Indian Law Institute, Labour Law and Labour Relations (1987)
3. ILO, Conciliation in Industrial Disputes (1978)
4. Roger W. Rideout, Rideout's Principles of Labour Law (1983)
5. Selwyn Norman, Law of Employment (1985)
6. O. P. Malhotra, Law of Industrial Disputes (2015)
7. Maheswara Swamy. M., (ed.) (2007), Impact of ILO Standards on Indian Labour.
8. Vithalbhai B. Patel, Law on Industrial Disputes, (2013)

Core III – Law Relating to Wages and Other Monetary Benefits (4 credits)

Course Objective

The success of every economy lies in the success of its industrial sector and to ensure this a systematic and well focus set of labour legislations are a must. One of the major factors to ensure this is the adequate financial protection of the stakeholders involved in the industrial sector and one of the mechanisms to ensure this is through 'wages' along with other benefits. The paper looks into the concept of wage, its different kinds and mechanisms for its adequate protection, both at the national level and the international level, to foster a better and more balanced industrial sector. The paper looks into the benefits like these namely bonus, gratuity, provident fund and pension schemes to foster a better and more balanced industrial sector.

Learning Outcomes

Course Outcomes (CO)		Bloom's Taxonomy Level
After the successful completion of the course, students will be able to:		
CO 1	Analyse the concept of wage, its different kinds and the role in gender in wage fixation	Analyse
CO 2	Apprise the legal structure of industry of wages and its protection in India	Evaluate
CO 3	Understand the niceties of the law regarding bonus, gratuity, provident fund and pension schemes	Understand
CO 4	Apprise the legal structure of mechanisms like bonus, gratuity, provident fund and pension schemes	Evaluate
CO 5	Apprise the impact of international regime on the Indian law particularly in the context of globalization	Evaluate

COURSE ARTICULATION MATRIX

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SCHOOL OF LEGAL STUDIES

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	2	3
CO2	2	3	2	3	3
CO3	3	3	3	3	3
CO4	3	3	2	3	2

1-Slightly 2-Moderately 3-Substantially

Course Content

Module I: Concept of Wage:

Constitutional perspective – right to work – right to livelihood – right to equal pay for equal work – Types Of Wages - Concepts of fair wage, living wage, minimum wage – denial of minimum wage as forced labour – theories on wage fixation

Module II: Payment Of Wage:

Legislative mandate – its scope – wage fixation – wage period – permissible deduction – dispute relating wage fixation and deduction – ILO mandate – Minimum Wage - Legislative mandate – its scope – fixation of minimum wage – minimum rate – procedure for fixation – working hours – disputes – ILO mandate

Module III: Equal Pay For Equal Work –

Legislative mandate – notion of ‘remuneration’ – difference with wage other under statutes – notion of ‘same or similar work’ – statutory responsibility of employers

Module IV: Bonus:

Concept – qualifications and disqualifications for receiving bonus – minimum bonus – maximum bonus – calculation of bonus – set on and set off of allocable surplus – disputes; **Gratuity:** Concept – eligibility for gratuity – notion of ‘continuous service’ – calculation of gratuity – its payment – recovery – protection of gratuity

Module V: Employees’ Provident Fund:

Establishment of provident fund – employees required to join – exemption from joining – contributions by employer and employee – PF Account; **Employees’ Pension Fund:** Establishment of pension fund – membership and its eligibility – contribution – calculation of pension – national pension scheme – difference from earlier mechanism – desirability

References

1. Report of the National Labour Commission on Labour (1969)
2. Report of the National Labour Commission on Labour (2002)
3. ILO, Wages (1968)
4. ILO, Poverty and Minimum Living Standards (1970)
5. ILO, Equal Pay (2013)

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SCHOOL OF LEGAL STUDIES

6. ILO, General Survey on Protection of Wages (2003)
7. ILO, General Survey on Minimum Wages (1992)
8. J.-Y. Boulon, M. Lallement, J. C. Messenger and F. Michon (eds.), Decent Working Time : New Trend, New Issues (2006)
9. K. D. Srivastava, Commentaries on Payment of Wages Act, 1936 (2003)
10. Maheswara Swamy. M., (ed.), Impact of ILO Standards on Indian Labour, (2007)
11. K. D. Srivastava, Commentaries on Payment of Bonus Act, 1965 (2003)
12. S. B. Rao, The Concept of Bonus (1977)
13. K. D. Srivastava, Commentaries on Payment of Gratuity Act, 1972 (2005)
14. K. Kharbanda, Commentaries on Payment of Gratuity Act, 1972 (2008)
15. S. Krishnamurthi, Employees' Provident & Insurance Funds (1999)
16. R. R. De, Commentaries on Employees' Provident & Miscellaneous Provisions Act, 1952 (1997)
17. Dr. R. G. Chaturvedi, Law of Employees' Provident Funds (2000)

Core IV – Law relating to Social Security

(4 credits)

Course Objective

The success of every economy lies in the success of its industrial sector and to ensure this a systematic and well focus set of labour legislations are a must. In order to ensure this, it is also essential that the workforce is protected during contingencies too and for this the collaboration of the society is essential. The paper looks into the such measures instituted by the society to protect its working class in case of contingencies so as to foster a better and more balanced industrial sector.

Learning Outcomes

Course Outcomes (CO)		Bloom's Taxonomy Level
After the successful completion of the course, students will be able to:		
CO 1	Analyse the necessity of social security and the various mechanisms to ensure the same	Analyse
CO 2	Apprise the legal structure of employees compensation, employees insurance schemes, maternity benefit and other similar benefits	Evaluate
CO 3	Understand the niceties of the law regarding employees compensation, employees insurance schemes, maternity benefit and other similar benefits	Understand
CO 4	Formulate policy for a balanced regime for employees compensation, employees insurance schemes, maternity benefit and other similar benefits for better and balanced industrial sector	Create
CO 5	Formulate policy regarding new	Create

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	mechanisms for social security benefits	

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	2	3
CO2	2	3	2	3	3
CO3	3	3	3	3	3
CO4	3	3	2	3	2
CO5	3	2	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Content

Module I: Social Security:

Concept – evolution – guiding principles – social assistance – social insurance – Constitutional perspective – ILO mandate

Module II: Employees Compensation:

Legislative mandate – employer's liability – eligible employees – injuries covered – dispute settlement and its mechanism – ILO mandate

Module III: Maternity Benefit:

Legislative mandate – employer's liability – benefits available – other privileges available – duration of benefits – ILO mandate

Module IV: Employees Insurance:

Legislative mandate – its scope – ESI fund – its utilization – contributions to fund – benefits available and its nature – eligibility to avail benefits – ESI hospitals – claims and dispute settlement – ILO mandate

Module V: Unorganised Labour:

Meaning and magnitude of the work force– extension to new sectors – centrally funded social assistance programmes – social insurance schemes – social assistance through welfare fund – public initiatives

References:

1. Report of the National Labour Commission on Labour (1969)
2. Report of the National Labour Commission on Labour (2002)
3. Victor George, Social Security and Society (1973)
4. K. D. Srivastava, Commentaries on Workmen's Compensation Act, 1932 (2003)
5. K. D. Srivastava, Commentaries on Employees State Insurance Act (2003)
6. PE Bangasser, ILO and the Informal Sector: an Institutional History (2000)

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7. Michael D. Tanner [Ed.], Social Security and its Discontent: Perspective on Choice (2004)
8. Debi S. Saini, Social Security Law in India, (2011)

Elective I – International Labour Organization

(4 credits)

Course objective:

This course considers international labour law from its origins to the 21st century challenges of decent work, as promoted in Sustainable Development Goal. In this course students will be encouraged to think about these issues and, having established a solid understanding of the international rules and principles governing labour and work, will be invited to reflect critically on both the thinking and practice bearing on international labour law, including its relevance and effectiveness.

Learning outcomes:

Course Outcomes (CO)		Bloom's Taxonomy Level
After the successful completion of the course, students will be able to:		
CO 1	Understand the fundamental rights and principles of international labour law and the legal structure of ILO	Understand
CO 2	Evaluate the origins of international labour law, its multiple facets, and how it affects the world of work both in theory and practice	Evaluate
CO 3	Reflect critically on the impact of international labour organization including the effectiveness of its various strategies used to resolve workplace conflict/achieve social justice and contribute to social and economic development	Analyse
CO 4	Explain the legal standards of international labour law, and how they interact with the broader international legal framework	Analyse
CO 5	Formulate domestic policy in accordance with International norms	Create

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	2	3
CO2	2	3	2	3	3
CO3	3	3	3	3	3

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CO4	3	3	2	3	2

1-Slightly 2-Moderately 3-Substantially

Course contents:

Module I: Introduction:

Definition, scope, origins and objectives of international labour law – Aims and purposes of International Labour Organisation

Module II: Role of ILO:

Mandate – tripartite composition – structures – standard-setting – regular supervisory system – complaints mechanisms

Module III: Relationship between ILO and UN treaty bodies:

Committees on Economic, Social and Cultural Rights (CESCR) – Rights of child (CRC) – CEDAW Committee – ECOSOC's functional commissions – World Trade Organization's Ministerial Declarations on labour standards – G20 Heads of State Outcome Document

Module IV: Fundamental international labour standards:

Conventions and recommendations on freedom of association – forced labour – Non-discrimination – child labour

Module V: New areas of international labour law and the role of India:

India and ILO – social protection reforms – labour rights of marginalized groups – revamped mechanisms for implementing international labour law

References:

1. Hughes S, Haworth N. The International Labour Organization (ILO): coming in from the cold. Milton Park, Abingdon, Oxon, [England];New York;; Routledge; 2011.
2. Bartolomei de la Cruz, Hector G, Von Potobsky G, Swepston L. The International Labor Organization: the international standards system and basic human rights. Boulder, Colo: Westview Press; 1996.
3. Jensen, Jill M., Nelson Lichtenstein, 'The ILO from Geneva to the Pacific Rim: West Meets East' (Palgrave Macmillan UK, 2016).
4. Alcock, Antony Evelyn. 'History of the International Labour Organisation' (Macmillan, 1971).
5. Ghebali VY, Ago R, Valticos N, Graduate Institute of International Studies (Geneva, Switzerland). The International Labour Organisation: a case study on the evolution of U.N. specialized agencies. (M. Nijhoff, 1989)
6. Bellucci S, Weiss H. The Internationalisation of the Labour Question: Ideological Antagonism, Workers' Movements and the ILO since 1919. (Springer International Publishing; 2020).

Elective II – Law Relating To Public Servants

(4 credits)

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Course Objective

The success of every economy lies in the success of its working class one public servants form a large section of the same. their contribution is essential for the smooth functioning of various sectors of governmental activities and consequently public life at large. Their situation is also unique as the employer is the State and there is no balance in the bargaining power between the parties. The paper looks into who constitutes public servants and the various mechanisms instituted to ensure their protection.

Learning Outcomes

Course Outcomes (CO)		Bloom's Taxonomy Level
After the successful completion of the course, students will be able to:		
CO 1	Appraise the concept of public servant and the necessity of protecting them	Evaluate
CO 2	Apprise the legal structure available for the protection of public servants	Evaluate
CO 3	Understand the niceties of the law applicable to public servants	Analyse
CO 4	Explain the various legal principles applicable to disputes related to public servants	Understand
CO 5	Formulate policy to ensure continued protection of public servants	Create

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	2	3
CO2	2	3	2	3	3
CO3	3	3	3	3	3
CO4	3	3	2	3	2
CO5	3	2	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Content

Module I: Public Servant:

Constitutional perspective – doctrine of pleasure – limitations – other privileges

Module II: Recruitment:

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Methods: direct, transfer, compassionate, absorption – agencies – reservation – contractual employment – promotion – seniority

Module III: Pay and Allowances:

Pay fixation – DA – bonus – gratuity – PF – Pension – other benefits – leaves

Module IV: Conduct:

Performance of duties – neutrality – institutional decision making – civil and criminal immunities – private employment – politics – criticism of government

Module V: Disciplinary Proceeding:

Authority – conduct of inquiry – principles of natural justice – penalties – appeal – Constitutional remedies

References:

1. Muthuswamy and Brinda, *Swamy's Manuel on Disciplinary Proceedings for Central Government Staff* (2006)
2. P. V. Ramakrishna, *Guide to Departmental Enquires against Government Servants* (2005)
3. R. Rangarajan, *Service Law: A Case Law Overview* (2005)
4. Nirmal Singh, *Services and Disciplinary Action* (2003) K. Kharbanda, *Cases & Materials on Resignation and Retirement* (2003)
5. K. D. Srivastava, *Disciplinary Action against Government Servants and its Remedies* (1990)
6. Samaraditya Pal, *Law relating to Public Services*, (2011)
7. Doabia & Doabia, *The Law of Services and Dismissals*, (2015)

Elective III – Law relating to Informal Sector

(4 credits)

Course Objectives

While the phrase “informal sector” came onto the development scene in 1972, its roots reach back into the economic development efforts of the 1950s and 1960s. 60% of the world's working population is engaged in this sector. The purpose of this paper is to look into how this sector functions, to identify how the people engaged as protected and where their interests are adequately protected under the present legal system, nationally and internationally.

Learning Outcomes

Course Outcomes (CO)		Bloom's Taxonomy Level
After the successful completion of the course, students will be able to:		
CO 1	Understand the relevance of the informal sector to the Indian economy	Understand
CO 2	Analyse the important areas which form part of informal economy and its limitations	Analyse
CO 3	Apply the existing benefits enjoyed by workers of the formal sectors to the informal	Apply

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	sectors	
CO 4	Appraise the various benefits available to workers of informal sector under the various central and state government schemes	Evaluate
CO 5	Suggest policies to effectively protect the interest of the informal economy	Create

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	3	2	3
CO2	2	3	2	3	3
CO3	3	3	3	3	3
CO4	3	3	2	3	2
CO5	3	2	3	3	3

1-Slightly 2-Moderately 3-Substantially

Course Content

Module I: Informal Sector:

Concept – theoretical approaches – definition in different countries – concept of economic unit – meaning of informal economy – its relevance – open employment

Module II: Concerns

Issues of gender equality – formalization of enterprises – employment policy framework – Areas of major concern – agriculture – domestic work

Module III: Wages & Other benefits:

Informal wages – skilled - unskilled wage inequality – application of the concept of minimum wages – pension – other social security benefits – impact of economic liberalization

Module IV: Protection through schemes under Central Government machinery:

Aam Admi Bima Yojana – Rastriya Swastha Bima Yojana – Indira Gandhi National Old Age Pension Scheme – Pradhan Mantri Shram Yogi Maan-dhan etc.

Module V: Protection through schemes under State Governments with emphasis on Kerala:

Agricultural workers – tree climbers – artisans and skilled workers – handloom workers – toddy and beedi workers, etc.

References:

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1. Sigamani Panneer, Sanghmitra S. Acharya, Nagarajan Sivakami, Health, Safety and Well-Being of Workers in the Informal Sector in India: Lessons for Emerging Economies, Springer, 2019
2. Susan Marlow, Janine Swail & Colin C. Williams, Entrepreneurship in the Informal Sector: An Institutional Perspective, Routledge, 2018
3. A Handbook on Using The Mixed Survey For Measuring Informal Employment And The Informal Sector, Asian Development Bank, 2011
4. Sarbajit Chaudhuri, Ujjaini Mukhopadhyay, Revisiting the Informal Sector: A General Equilibrium Approach, Springer, 2010
5. Naila Kabeer, Gender and Social Protection Strategies in the Informal Sector, Routledge, 2010
6. Utpal Chowdhury, Informal sector in a developing economy, Anmol Publications, 2006
7. Madhu Singh, Meeting Basic Learning Needs in the Informal Sector: Integrating Education and Training for Decent Work, Empowerment and Citizenship, Springer, 2005
8. Amitabh Kundu & Alakh N. Sharma (Eds.), Informal sector in India: Perspectives and policies, Institute for Human Development & Institute of Applied Manpower Research, 2001

GROUP M- Maritime and International Trade Law

Core Paper 1: Admiralty Jurisdiction: Law and Practice

Course Objectives

Shipping occupies a critical part in the global economy and considering its international character has been regulated for the most part by international standards adopted by the IMO. Maritime trade being inherently adventurous, nevertheless, will be faced with casualties, perils and various navigational incidents leading to pollution of marine environment and many other risks pertaining to the seas. The course on Admiralty Law Jurisdiction: law & Practice considers the essential regulatory governance and jurisdictional aspects of the maritime adventure which were evolved by the Admiralty Courts in England and now been incorporated into legal systems of maritime nations of the world including India.

Course Outcomes(COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Demonstrate knowledge and understanding of principles and legal frameworks of admiralty matters to address various incidents at sea.	Understand
CO2	Analyze knowledge of theoretical as well as procedural aspects of enforcement of maritime claims.	Analyse

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CO3	Examine scope for developing futuristic perspectives in the wake of emerging concerns affecting shipping.	Analyse

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	2	2	1
CO2	3	2	2	3	2
CO3	2	3	2	3	3

1-Slightly 2-Moderately 3-Substantially

Course Content

Module I: Introduction to Admiralty jurisdiction

Admiralty and Maritime Jurisdiction- Historical overview- Nature and Unique aspects of Admiralty Jurisdiction- Admiralty Courts- Admiralty Jurisdiction in India - Immunity of Government Ships.

Module II: Essentials of Admiralty Jurisdiction

Subject matter of Admiralty Jurisdiction- Ships- Mortgage claims and liens - Enforcement of Admiralty Jurisdiction- Claims in rem & Claims in personam.

Module III: Regime for Arrest of Ships

Arrest of Ships for enforcement of Maritime Claims- Types of Arrest- Doctrine of beneficial ownership, Associated ship arrest, Multiple Ship Arrest and Re-Arrest- Procedure for arrest - Safeguards against Unlawful Arrest.

Module IV: Maritime Zones: Internal Waters & Territorial Sea

Jurisdiction over Internal Waters- Right of access to maritime ports- UNCLOS III - International Regime of Maritime Ports -Civil, Criminal & Administrative jurisdiction over Ships-Protection against violation of revenue and customs laws- Port Regulations Ship owner's liability for damage to ports - Territorial Waters & Right of Innocent Passage.

Module V: Other Maritime Zones

Coastal state jurisdiction over ships inside its Contiguous Zone, EEZ and Continental Shelf-Jurisdiction in matters of collisions- Extra Territorial jurisdiction over crimes committed on the High Seas-Piracy and Hot pursuit.

Suggested Reading:

1. M.M.Cohen, Admiralty Jurisdiction: Law and Practice, Kessinger Publishing, (2008)
2. Francesco Berlingeri, Arrest of Ships: A Commentary on the 1952 and 1999 Arrest Conventions, Volume I& II, Informa (6th edn. 2017)
3. David.C. Jackson, Enforcement of Maritime Claims, LLP (2005)
4. Aleka Mandaraka, Sheppard, Modern Admiralty Law, Cavendish Publishing, (2007)
5. Mahanty Samareshwar, Maritime Jurisdiction and Admiralty Law in India, Universal Publishing (2009)
6. Rhidian Thomas, Ship Arrest, Sweet & Maxwell (2001)

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7. Lindy S.Johnson, Coastal State Regulation of International Shipping, Oxford University Press (2004)
8. Erastus.C.Benedict, The American Admiralty, The Law book exchange (2009)
9. R.R. Churchill and A.V. Lowe, The Law of the Sea, 3rd edn., Juris Publishing, Manchester University Press (2002)
10. McDougal, Myres, and William Burke. Public Order of the Oceans. New Haven: Yale University Press (1962)
11. 151st Law Commission Report on Admiralty Jurisdiction, India (1994)

Core Paper 2: Ownership and Management of Ships

Course Objectives

The objective is to examine the controls under public law relating to ownership and management of ships. Considering ship as property and also its strategic role in military operations, legal transactions relating to ships are subjected to stringent regulatory controls to maintain its national character. The course is designed to provide insights on various modes of acquisition of ownership and interests in ships, and the ensuing rights, liabilities and remedies in comparative maritime jurisdictions including India. The course elaborates on Legal compliances for ships to ensure their safe use in maritime transport and for protection of marine environment.

Course Outcomes(COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Demonstrate knowledge of regulatory and institutional frameworks for public control over ships for ensuring compliance with international standards of safety and navigation.	Understand
CO2	Analyse internationally accepted standard form contracts for ship related transactions and their practical implications.	Analyse
CO3	Analyse liability issues, legally permissible limits to liability and solve practical issues arising during course of commercial operations.	Apply

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	2	2	3
CO2	2	2	2	3	3
CO3	2	3	2	3	3

Course Content

Module-I: Public Control over Ships

Concept of ships-Different Types-Autonomous ships & Types and public control over ships -Role of ship's flag-Genuine link theory- Statutory control over ownership and registration of ships- Role of Classification societies.

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Module-II: Modes of Acquisition of Ships

Acquisition of ships- Ship Building Contracts, Sale and Transfer of ships- Negotiation and Terms of contract, Inspection by buyer, Completion of contract, Legal and commercial risk management- Demise charter.

Module-III: Ship Mortgages

Law of ship mortgages- Legal and equitable mortgages- Registration of mortgages, Priority of mortgages, Rights and obligations of parties, Effect of mortgage on third parties.

Module-IV: Safety of ships

Standards for Physical safety– Maritime safety -Pollution Prevention Standards – SDG Goals - Climate Change & Ships- Safety Management of Ships (ISM Code) – Maritime Security (ISPS Code)- Manning Standards- STCW 95/2010-Unmanned Ships-and Maritime Labour Convention, 2006.

Module-V: Limitation of Liability

Limitation of Ship owner's liability- Entitlement for limitation, Excluded Claims, Limits of liability, Constitution of limitation fund etc.

Suggested Readings:

1. Alan Marsh, Introduction to Shipping, Institute of Chartered Shipbrokers (2016)
2. Christodoulou-Varotsi & Pentsov D.A, Maritime Law Fundamentals: Responsible Shipowners, Reliable Seafarers, Springer (2007)
3. Nicolai Lagoni, The Liability of Classification Societies, Hamburg Studies on International affairs, Springer (2007)
4. Christopher Hill, Maritime Law, Informa (2003)
5. Aleka Mandaraka Shepperd, Modern Maritime Law and Risk Management, Routledge-Cavendish (2007)
6. Gero Brugmann, Access to Maritime Ports, Books on Demand GmbH, Nordstedt (2003)
7. D.C Jackson, Enforcement of Maritime Claims, LLP (2005)
8. Southampton on Shipping Law, Informa (2008)
9. T.P. Mukherjee, The Customs Act, 1962 Vol. I & II, (1996)
10. J.S. Gill, The Merchant Shipping Act 1958, Bhandarkar Publications (1994)
11. Nagendra Singh, Maritime Law of India, Bhandarkar Publications (1979)
12. Helle A.Oltedal et al., Managing Maritime safety, Routledge (2018)

3. Law of Carriage of Goods by Sea and International Trade

Course Objectives

The course intends to provide an overview of legal framework of international trade and carriage of goods by sea pursuant to an international sale of goods contract and the fundamental principles governing rights and liabilities of parties involved in such contracts.

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In this course students will progress their understanding of the relationship between the sale and bill of lading contracts and analyse the rights and liabilities under various charterparties in an effort to examine the legal principles underlying them with emphasis on dispute resolution related to such contracts.

Course Outcomes(COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Demonstrate knowledge of international character of carriage of goods by sea and need to evolve uniform standards to manage conflicts.	Understand
CO2	Analyze the legal issues involved in the carriage of goods by sea including contract types and cargo liability regimes.	Analyse
CO3	Apply acquired knowledge to resolve carriage disputes by choosing ideal option considering commercial adventure, emerging challenges of seas and changing nature of shipping.	Analyse

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	2	3	3
CO2	2	2	2	3	2
CO3	2	3	2	3	3

1-Slightly 2-Moderately 3-Substantially

Course Content:

Module-I Introduction

International Sale of Goods – Model law- Shipping Documents and International Trade Finance – Sea Carriage Contracts -Contracts of Affreightment- Charter parties (Bareboat, Time and Voyage Charter parties) & Bill of Lading

Module-II. Voyage Charter Parties

Voyage Charterparties- Owner's and charterer's obligations, conditions, warranties, innominate terms, and representations.

Module-III Time Charter Parties

Nature, description of ship, delivery date & cancellation clause, charter period & delivery, payment of hire, off-hire, deductions, withdrawal of ship, employment & indemnity clause, owner's lien, Lay time, demurrage and freight.

Module-IV Bill of Lading

Bill of lading- nature& functions- Types - provisions regarding documents of transport under the Carriage of Goods by Sea Act-India-US-UK- Rights and obligations of parties.

Module-IV Breach & Remedies

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Breach and remedies- Breach of implied undertakings- liability for loss or damages to goods - Limits of liability – Dispute Resolution-Enforcement of Carriage related Claims & Ship Arrest.

Module-V Cargo Liability Regimes

International Conventions -Hague, Hague – Visby, Hamburg and Rotterdam Rules.

Suggested Readings

1. John F.Wilson, Carriage of Goods by Sea , Pearson (2010)
2. Antony Rogers, Jason Chuah, et al. Cases and Materials on Carriage of Goods by Sea (2019)
3. Martin Dockray, Cases and Materials on the Carriage of Goods by Sea, Cavendish Publishing Co.(2004)
4. Carr, Indira, Stone, Peter, International Trade Law, Routledge; 5th edition (2013).
5. Meltem Deniz Guner Obzek, The United Nations Convention on Contracts for the International Carriage of Goods Wholly or Partly by Sea : An Appraisal of the “Rotterdam Rules”, Springer (2011)
6. Girvin, Carriage of Goods by Sea, Oxford University Press (2007)
7. Chorley & Giles, Shipping Law, Pitman, London (1987) Chapter IV & V, pp. 84-214
8. Payne & Ivamy, Carriage of Goods by Sea, Butterworth’s, London (1989)
9. Eder, Henry Bernard, Scrutton on Charterparties and Bills of Lading, Sweet & Maxwell; 22nd Revised edition (2011)
10. Carver, Carriage by Sea, Vol. I & II, Butterworth’s, London (1983)
11. David M. Sasson, C.I.F & F.O.B Contracts, London (1995)
12. William Tetley, Marine Cargo Claims, Carswell (2008)
13. T.Kochuthomman, Bills of Lading in International Law and Practice, Eastern Book Company (1986)
14. John Schofield, Laytime & Demmorage, Informa 6th Edn. (2011)
15. Institute of maritime Law, Southampton on Shipping Law, Informa (2008)

Core Paper 4: International Maritime Commercial Arbitration and Conciliation

Course Objectives

The aim of this course is to familiarize students with basic concepts underlying alternate dispute mechanisms for settlement of maritime disputes. The course covers general principles of International Commercial Arbitration applicable to maritime disputes. The course presents various arbitral institutions, types of arbitrations and role of courts in arbitral proceedings in addition to procedure. Throughout the course, the emphasis would be to study and devise ways of strengthening Indian legal and institutional framework pertaining to maritime arbitration.

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Course Outcomes(COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Understand the nature and types of international commercial arbitration and maritime arbitration.	Understand
CO2	Analyze Arbitration agreements, Arbitration procedures, Constitution and working of Arbitration Tribunals.	Analyse
CO3	Analyse implementation of Arbitration awards and Maritime Conciliation Practice.	Analyse

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	2	2	1
CO2	3	3	2	3	3
CO3	2	3	2	3	3

1-Slightly 2-Moderately 3-Substantially

Course Content

Module-I Introduction to Commercial & Maritime Arbitration

International Commercial Arbitration and Maritime Arbitration – Nature, Types and scope - Emergence of Maritime Arbitration as a dispute settlement mechanism – Historical overview.

Module-II Arbitration Agreements & Tribunals

Arbitration agreements – Arbitration Clauses in Maritime transportation documents - formal requirements, Effect on third parties, Unfair Terms-Arbitration Tribunals– Composition and Jurisdiction – Arbitrators -Appointment – Qualifications.

Module-III Procedure for Arbitration

Arbitral Proceedings – Rules of procedure, Place, Language – Commencement and default of a party – Appointment of experts.

Module-IV Arbitration Awards

Arbitration awards – termination of proceedings, correction and interpretation of award, recourse against award – Costs – Recognition and enforcement of Domestic awards and Foreign awards – Grounds for refusal to recognize award-Judicial Review.

Module-V Conciliation

Rules for Conciliation – UNICITRAL Rules on Conciliation, –Guidelines of UNCTAD, IMO, WTO – Procedure under national laws.

Suggested Readings

1. Brown & A Marriot, ADR Principles and Practice- Sweet & Maxwell (2018)

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2. Georgios.I. Zekos, International Commercial and Maritime Arbitration, Routledge Cavendish (2008)
3. Carlos Esplugues Mota, Some Current Developments in International Maritime Arbitration, in J.Basedow et al.,(eds), Hamburg Lectures on Maritime Affairs 2007 & 2008, Springer (2010), Chapter VI, PP 119-175
4. Clare Ambrose, London Maritime Arbitration, Informa (2009)
5. A.K.Bansal, Law of International Commercial Arbitration (with supplement), Universal Law Publishing Co. Pvt. Ltd.(2003)
6. Rahari, Commentory on Arbitration and Conciliation Act, Kamal Law House (1996).
7. Mark Huleatt- James and Nicholas Gould, International Commercial Arbitration (Dispute Resolution guides): A Hand book, LLP (1999)
8. Redfurn,Hunter et.al., Law and practice of International Commercial Arbitration, Oxford University Press (2009)
9. Emilia Onyema, International Commercial Arbitration and the Arbitrator's Contract, Rotuleledge (2010)
10. Harsh Sethi and Arpan Kr. Gupta, International Commercial Arbitration and Its Indian perspective, Universal law Publishers (2011)

Electives

Elective1. Maritime Safety and Security Law

Course Objectives

This paper provides comprehensive insights on regulatory framework pertaining to the critical areas of safety for ships and shipping companies. The course investigates the need for a management approach to co-ordinate compliance with physical safety standards, maritime safety standards, pollution prevention and response mechanisms to augment safety of ships and the seas. The course also examine the effectiveness of norms for good practice for safety management to account for the incidents involving the human elements in maritime adventure. The course elaborates on the standard setting process and the challenges concerning its implementation in major maritime states.

Course Outcomes(COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Demonstrate knowledge and understanding of principles and legal frameworks of admiralty matters to address various incidents at sea.	Understand
CO2	Analyze the transformation of ship safety to accommodate peculiar issues posed by human factors.	Analyse
CO3	Analyze current enforcement strategies to circumvent hurdles raised during implementation of safety management on board ships	Analyse

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COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	2	3	1
CO2	3	3	2	3	3
CO3	2	3	2	3	3

1-Slightly 2-Moderately 3-Substantially

Course Content

Module-I Introduction to Maritime Safety Management

Maritime Safety& Safety management of ships- Evolution of Concept- Historical Context to Management of ships- Role of human factors

Module-II Maritime Safety Standards

Regulatory framework for Maritime safety & Operational safety -Vessel safety - Cargo safety –Manning Standards-Protection of Marine environment – Prevention of pollution-Operational and Accidental.

Module-III ISM Code

Safety management of ships –ISM Code–Safety management Plans- Safety management mechanism for ships & shipping Companies-Functional Requirements – Legal effect.

Module-IV Risk management

Risk Assessment - Risk Reduction - Emergency Preparedness (Contingency Plans)- Auditing and improvement -safety culture –Judicial trends

Module-IV Institutional Mechanism

IMO, Flag States, Classification Societies & Industrial bodies

Suggested Readings:

1. The IMO, International Safety Management (Ism) Code and Guidelines on Implementation of the Ism Code (2014)
2. Malcolm Willingale, Ship Management (Business of Shipping), LLP Professional Publications (4th edn ,2005)
3. Panayides P, Professional Ship Management, Ashgate Publications (2001)
4. A.N. Cockcroft & J.N.F Lameijer, A guide to Collision Avoidance Rules: International Regulations for Preventing Collisions at Sea, Elsevier Butterworth Heinemann, (2003)
5. Southampton on Shipping Law, Informa (2008)
6. IMO, Code of Safe Practice for Cargo Stowage and Securing, (2003)
7. Iliana Christodoulou-Varotsi & Dmitry A. Pentsov, Maritime Work Law Fundamentals: Responsible Ship Owners and Reliable Seafarers, Berlin: Springer-Verlag, (2008)
8. ILO, Accident Prevention on Board ship at Sea and in Ports (2002)
9. James Kraska, Contemporary Maritime Piracy, Praeger (2011)

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Elective No.2 Marine Insurance

Course Objectives

The elective course is intended to offer an understanding of key concepts, principles and mechanisms in marine insurance law and practice. The course content intends to familiarize with standard marine insurance contracts in selected jurisdictions and its principal clauses. Additional focus of the course is to evaluate implications of these contracts for rights and obligations of interested parties. An overview of legal framework of marine insurance in England and India forms the focus of the course.

Course Outcomes(COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Demonstrate understanding of fundamental concepts and principles of Marine Insurance.	Understand
CO2	Analyse the principles governing assessment of risk and liability in Marine Insurance.	Analyze
CO3	Analyse and display competence in formation and interpretation of marine insurance contracts and resolve contemporary issues.	Analyze

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4		PO5
CO1	3	3	2	3		2
CO2	3	2	3	3		2
CO3	2	3	2	3		3

1-Slightly 2-Moderately 3-Substantially

Course Content

Module-1 Fundamentals of Marine Insurance

Marine Insurance –Subject matter of Marine insurance -Insurable interest, General principles of insurance law applicable to marine insurance contracts

Module-2 Contract of Marine Insurance

Marine insurance contracts- its formation, Types- Hull & Machinery, Cargo Insurance, Liability Insurance –Contents of Policy, express and implied conditions in marine insurance policy, construction of marine insurance contracts

Module-3 Principles for Assessment of risk

Attachment- duration and areas of risk under marine policy, loss for which insurers are liable, Doctrine of proximate cause of loss.

Module-4 Liability

Avoidance of liability under marine insurance, measure of indemnity, losses and other incidence of liability

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Module-5 Miscellaneous

Recovery of losses and return of premium, abandonment, subrogation, double insurance and re-insurance, mutual insurance associations, UNCTAD Standard Clauses

Suggested Readings:

1. Jonathan Gilman Q C, Arnould's Law of Marine Insurance and Average, Sweet & Maxwell (19th edition, 2019)
2. Howard Bennet, The Law of Marine Insurance, OUP-Oxford (2006)
3. Halsbury's Laws of England, Butterworth's, London (5th edn) (2020)
4. Chorley & Giles, Shipping Law, Pitman, London, (1987), Ch. VII
5. Simon Rainey QC, Chalmer's Marine Insurance Act, 1906, Bloomsbury Professional, London (11th edn, 2019)
6. Insurance Institute of India, Marine Insurance Claims (Revised Edn., 2015)
7. N.G. Hudson, Marine Claims Handbook, Lloyd's of London Press (1996)
8. B.C. Mitra, The Law Relating to Marine Insurance, University Book Agency (5th edition, 2012)
9. Capt. D.E. Driver, Guide to Marine Hull Insurance, Navaneet Publications (1995)
10. Budgar, Elements of Cargo Insurance, Wood head (1983)

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SCHOOL OF LEGAL STUDIES

Elective III International Law of the Sea

4 Credits

Course Objectives

This course critically analyse the UNCLOS framework and understand the developments of the law of the sea in the light of new challenges to the marine environment such as the depletion of marine resources, global warming, and the emergence of non-traditional maritime security threats. The developments include multilateral, regional, bilateral and unilateral strategies, both formal and informal, that are used by members of the international community for supplementing the Convention.

Course Outcomes(COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Demonstrate understanding of present legal regime governing maritime zones and role of international institutions in governance of seas	Understand
CO2	Analyse legal implications of maritime zones and rights, duties, and limitations of states over them.	Analyse
CO3	Analyze regulatory framework and predict future directions in the law of the sea	Analyse

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	2	3	3
CO2	3	2	2	3	2
CO3	2	3	2	3	3

1-Slightly 2-Moderately 3-Substantially

Course Content

Module-I Introduction to law of the Sea

Historical perspectives - Sources of the international law of the sea – Theoretical approaches -The present legal regime and international institutions

Module-II The UNCLOS Framework- Baseline and the different Maritime Zones Internal Waters, Territorial Sea, Contiguous Zone, EEZ, high Seas, Archipelagic Waters & International Straits

Module-III Marine Resource Management

Marine resources within areas of national jurisdiction Continental shelf / deep seabed - Highly migratory species - High seas fisheries

Module-IV Protection of the Marine Environment from Pollution

Operational & accidental vessel-source marine pollution - Land-based and atmospheric marine pollution - Marine pollution from installations – Dumping

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Module-V Dispute Settlement Mechanism & Miscellaneous

ICJ- ITLOS, Arbitral Tribunals & Alternate Means- threats to Maritime Security
Maritime Piracy - Drug trafficking - Illicit trafficking of weapons of mass destruction
at sea -IUU Fishing Migrant Smuggling & Human Trafficking at sea.

Suggested Readings:

1. Donald R. Rothwell and Tim Stephens, The International Law of the Sea, Hart Publishing, 2010.
2. Mc Dougal and T Burke, Public Order of the Oceans, Yale University Press (1986)
3. Kenneth R. Simmonds, Cases on the Law of the Sea (1976), Vols I to III,
4. Oceana publications Inc., New york (1976)
5. Ram Prakash Anand (Ed.) "Law of the sea: Carcas and beyond", Radiant Publishers, New Delhi (1978)
6. Simmonds, United National Conference on the Law of the Sea, 1982 (1983)
7. Colombos C.John, The International Law of the Sea, Longmans (1967), pp-1-422.
8. Nagendra Singh, British Shipping Laws – International Maritime Law Conventions (1983), Vol.IV, Part IV.
9. Kochu Thommen, Legal Status of Government Merchant Ships in
10. International Law (The Hague, 1962)
11. Chandrasekhara Rao P.C., New Law of Maritime Zones, New Delhi (1983)
12. Barry Hart Dubner, The Law of Territorial waters of Mid-Ocean Archipelagos and Archipelagic States UN Publications, The Hague, (1976)
13. UN Office for Ocean Affairs and the Law of the Sea, Baselines: An Examination of the Relevant Provisions of the United Nations Convention on the Law of the Sea, 1989.
14. Rosemary Rayfuse, Non-Flag State Enforcement in High Seas Fisheries, Martinus Nijhoff Publishers, 2004
15. Douglas Guilfoyle, Interdicting Vessels to Enforce the Common Interest: Maritime Countermeasures and the Use of Force, 56 I.C.L.Q. 69 (2007).
16. Natalie Klein, Maritime Security and the Law of the Sea, Oxford University Press, 2011
17. R Anand, Ch 4 "Mare Liberum vs. Mare Clausum" in Origin and Development of the Law of the Sea (Martinus Nijhoff: 1982) 72-115

Elective IV

Paper 1 : Law relating to General Average and Ancillary Shipping Contracts

Course Objectives

4 credits

The course highlights the international legislations on various aspects of safety and security in sea. The course provides insights on various ancillary concepts and contracts related to services offered to the ship during time of danger and casualty to the ships. The course covers the legal arena for liability arising from rendering of salvage services, wreck removal, towage and pilot age and sacrifices made of the ship or its parts for safety of voyage and claims related to them.

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Course Outcomes(COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Demonstrate knowledge of key concepts such as general average, salvage, pilotage and towage and its relevance for maritime trade.	Understand
CO2	Analyze the principles underlying these types of contracts and their contribution to maritime safety.	Analyse
CO3	Analyze the rights and liabilities of parties to such contracts and evolve legal strategies to resolve related and contemporary disputes.	Analyse

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	2	3	1
CO2	3	2	2	3	3
CO3	2	3	2	3	3

1-Slightly 2-Moderately 3-Substantially

Course Content

Module I: General principles of General average – York – Antwerp rules

Module II: Particular charges – particular average and general average – incidents of liability – Adjustments of general average

Module III: Pilotage services – Liability of pilots in voluntary and compulsory pilotage cases – Duties of shipowners – Recovery of Pilotage charges by Port authorities

Module IV: Towage contracts – Responsibilities of tug and tow vessels – Towage amounting to salvage

Module V: Salvage services – International obligation to render salvage services – responsibilities of salvour – Salvage rewards.

Suggested Readings:

1. Nagendra Singh, "British Shipping Laws" - International Maritime Law Conventions" (1983) Vol.IV Part IV
2. Mc Dougal and T Burke, Public Order of the Oceans, Yale University Press (1986)
3. Chorley and Giles, Shipping Law (6th Ed., 1970), London, Ch.VII, pp.280-351
4. Geoffrey Brice, Maritime Law of Salvage, London , (1983)
5. Francis D.Rose, The Modern Law of Pilotage, London (1984)
6. Arnold's The Law of Marine Insurance and Average, Vol.I & II, London (1981)
7. Kochu Thommen, International Legislation on Shipping, U.N. New York (1968)
Samareshwar Mahanty, Maritime Jurisdiction and Admiralty Law in India, Universal Publishing (2009)

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SCHOOL OF LEGAL STUDIES

Elective V Marine Environmental Law

4 Credits

Course Objectives

Most of the advances in Marine Environmental Law evolved as a response to maritime casualties and its deleterious impacts on marine environment. In addition to this, marine environmental law has gradually broadened to encompass sustainable development of the marine environment considering other uses of the oceans. At the core of the course is the broader legal framework of the substantive and institutional arrangements dedicated to the sustainable utilization of oceans and marine resources.

Course Outcomes(COs)		Bloom's Taxonomy Level
After completion of the course, the student will be able to:		
CO1	Demonstrate an advanced knowledge of sources of law, both international and domestic for protection of marine environment.	Understand
CO2	Analyse regulatory strategies for promoting Conservation and Sustainable Management of Marine Ecosystems	Analyse
CO3	Analyse emerging legal issues from international and regional perspectives with emphasis to their ecological, social and economic perspectives.	Analyse

COURSE ARTICULATION MATRIX

	PO1	PO2	PO3	PO4	PO5
CO1	3	3	2	2	1
CO2	3	2	2	3	2
CO3	2	3	2	3	3

1-Slightly 2-Moderately 3-Substantially

Course Content

Module-I: Introduction to Marine pollution

Meaning & Sources of Marine Pollution–Evolution of law regulating marine pollution- General Principles of marine environmental protection and sustainable development

Module-II: Vessel Source Pollution

OIL POL and MARPOL convention – liability of ships for oil pollution damages- Damages by Hazardous and Noxious Substances

Module-III: Marine pollution by sea bed and subsoil explorations

Pollution by accidents at sea – pollution by atomic weapon testing in High sea – Marine pollution from land based sources – dumping of wastes –nuclear wastes disposal – carriage of hazardous wastes.

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Two-year LL.M. COURSE (IPR)

Regulation, Scheme & Syllabus – 2025

[For 2025 - 26 Admission onwards]

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TWO YEAR LL.M. (IPR) – REGULATION, SCHEME AND SYLLABUS
(Effective from 2025-2026 Admission onwards)
(Credit System)
FACULTY OF LAW

REGULATIONS

The 2-year LL.M. Degree offered by the Inter University Centre for IPR Studies, CUSAT is with specialization in Intellectual Property Rights.

The Degree shall be called **Masters of Laws in Intellectual Property Rights**.

1. ADMISSION TO THE COURSE: -

- (1) Candidates for admission to the Two year LL.M. Degree course **with specialization in IPR (hereinafter LL.M Degree course in IPR)** shall be required to have passed the Bachelor's Degree examination in Law with 50% marks from any of the Universities of Kerala or an examination of any other recognised University/Institution. Scheduled Castes/Scheduled Tribe candidates will be eligible for relaxation of eligibility condition provided under the orders of the Government. Reservation of seats to foreign candidates will be as per the decision of the University.
- (2) The reservation rules governing admission to LL.M. Courses made by the Government shall be followed in making admissions.
- (3) Admission to the course shall be based on the performance of the candidate at the Common Admission Test (CAT), Group Discussion and Interview.
 - a. The CAT shall consist of two parts as given below:
 - i. Part I – Proficiency in English and GK and analytical reasoning and research capability.
 - ii. Part II – Objective type questions covering compulsory papers in Law as prescribed by Bar Council of India and Intellectual Property Rights, in the ration 4:1.
 - b. Rank list for admission to the course shall be prepared on the following basis:

Part I of CAT: 20% weightage
Part II of CAT: 50 % weightage
Group Discussion: 15% weightage
Interview: 15% weightage

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- (4) Matters concerning admission procedure, payment of fees, etc., will be prescribed by Rules, published in the prospectus for the course from time to time.

2. DURATION AND CONTENTS OF THE COURSE

- (1) The course for the Master of Laws (LL.M.) Degree in IPR of the University is of two academic years consisting of four semesters. Each semester will be of 16 to 18 weeks of teaching followed by University Examination.
- (2) A student shall, in the course of four semesters undergo instruction in Core Courses consisting of 68 credits and Elective Courses, including 1 MOOC Course, consisting of 8 credits as follows:

Provided that the Faculty Council may decide to change the papers offered in every semester different from the following order, without changing the number of credits of the total papers in every semester in contingencies like work arrangement of teachers.

CORE COURSES

a)	Foundation Courses		Credit
	(i)	Law and Social Transformation	4
	(ii)	Theories of Law and Justice	4
	(iii)	Research Methodology and Design of Blueprint of Curriculum	4
	(iv)	Quantitative Analysis	4
	Total for Compulsory Foundation Courses		16
b)	(v)	Dissertation	16

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	(vi)	Seminar course (One seminar course each in first 2 semesters consisting of 2 credits)	4
	(vii)	Clinical Legal Education (One course each in last 2 semesters consisting of 2 credits)	4
	Total of Compulsory Courses a) and b)		40
c)	Core course for specialization		
	(x)	Core course in IPR specialization (8 papers of 4 credits each)	32
d)	(xi)	Elective courses (at least 1 MOOC)	8
		Grand total	80

3. ATTENDANCE

A minimum of 75% of attendance in aggregate is compulsory for writing the end semester examination. However, a student is required to secure 81% or more of attendance, for the purpose of obtaining marks for attendance for each course. The breakup of the same is as follows.

Attendance	81% - 84% - 1 mark
	>84% - 88% - 2 marks
	>88% - 92% - 3 marks
	>92% - 96% - 4 marks
	>96% - 100% - 5 marks

4. EXAMINATION AND EVALUATION

- (i) The entire system of evaluation is internal. The evaluation scheme for each semester, except Seminar, Clinical Legal Education and Dissertation, contains two parts, a Continuous

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Assessment and Semester End examination. Equal weightage shall be given for the continuous Assessment and the semester End Components.

- (ii) **Continuous assessment** shall be based on an overall assessment of the performance of the student during the semester, such as performance in the test papers and home assignment, participation in the class discussions, seminars and regularity in attendance.

Attendance	5 Marks
Test Papers (Average Marks of Two Test Papers)	15 Marks
Assignment Presentation	10 Marks
Assignment Written Submission	10 Marks
Class Participation	10 Marks
Total	50 Marks

- (iii) The **End Semester Examination** will be of 3 hours duration covering the entire syllabus of the course and based on a schedule as notified by the University.

- (iv) There shall be a **Seminar Course** carrying 100 marks, each, for the first two semesters by way of internal assessment. Evaluation for the Seminar Course shall be based on presentation and discussion of recent case laws. The criteria for evaluation is as follows:

1	Presentation	60 Marks
2	Written Submission	40 Marks
Total		100 Marks

- (v) There shall be a **Clinical Legal Education** course carrying 100 marks, each, for the last two semesters by way of internal assessment. The marks shall be awarded on the performance of the students in Clinical activities formulated by the Centre from time to time such as Socio-legal survey, Identification of legal problems, Legal advice, spreading legal literacy, Participation in Legal Aid Camps, Grievances redressal, Law reforms canvassing and Legal writing. In the Fourth Semester, Clinical Legal Education Course shall be evaluated on the basis of teaching practice. For this exercise the student shall deliver a class on a subject assigned to him/her. The duration of the class shall be minimum 1 hour followed by question/answer session. He/ She is expected to answer the questions relating to the subject

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put to him/her. Marks for the practical shall be awarded on the basis of the class conducted by the student. This exercise shall be evaluated by the teacher who coordinates such class.

(vi) **Dissertation:**

- a. Dissertation is mandatory for all students and carries 16 credits in total.
- b. It shall commence from the beginning of the Second semester. The student shall identify research topic, prepare and present a synopsis by the end of the Second semester. The supervising teacher shall evaluate the synopsis and its presentation and award marks out of 100 (4 credits).
- c. At the end of the third semester there shall be a Progress presentation of the Dissertation work. The supervising teacher shall evaluate this presentation and award marks out of 100 (4 credits).
- d. Every student has to do a dissertation under the guidance of the course teacher assigned to him by the Faculty Council.
- e. Dissertation shall be finalized as per the format and style specified by the Centre. The Guidelines for LLM Dissertation including the schedule of work will be issued by the Centre.
- f. The submission (dissertation) shall be evaluated on 75 marks and the viva voce examination on 25 marks.
- g. The dissertation shall be evaluated by the guide allotted to the student and another faculty of the Centre selected by the Director and approved by the Faculty Council. The final mark awarded shall be the average of the marks individually awarded by the evaluators.
- h. The minimum grade for passing the dissertation shall be 'P'.
- i. A candidate who has failed to secure the minimum marks for the dissertation may submit, following the above, a new or revised dissertation before the commencement of the LL.M Degree examination of the next year or the year in which he proposes to sit for the LL.M Degree Examination within a period of two years from the year of completion of the course.
- j. In view of the above the students' performance may be evaluated in the following method:

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Marks allotted to dissertations		75
Viva Voce		25
Total		100
	<u>Dissertation Evaluation Splitup</u>	Marks
a	Contents of Chapters	20
b	Adequacy of Materials	15
c	Language and style	5
d	Originality in writing	5
e	Conclusions	10
f	Suggestions	10
g	Footnoting & Bibliography	10
	Total	75

5. GRADING

- a) Grades shall be awarded to the students in each course based on the total marks obtained in continuous assessment and at the end semester examination.
- b) For getting a pass in the examination the student shall secure a minimum of 40% of the aggregate marks (continuous assessment marks + semester end exam marks) with a separate requirement of minimum 40% for the semester end examination.
- c) A candidate, who secures less than 40% of marks or the equivalent grade P, in a course, shall be deemed to have failed in that course and may repeat the semester end examination of that course in the next available chance.
- d) If a student fails in the MOOC course, he/she has to repeat the same online course or do another online course with the approval of parent department as per the MOOC guidelines approved by the University from time to time.

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e) After the evaluation, grades shall be allotted to the students as per the following 10-point grading system:

% Marks (Range)	Grade point (G)	Letter Grade	Description
95 - 100	10	O	Outstanding
85 – 94.99	9	A+	Excellent
75 – 84.99	8	A	Very Good
65 – 74.99	7	B+	Good
55 – 64.99	6	B	Above Average
45 – 54.99	5	C+	Average
40 – 44.99	4	P	Pass
Below 40	F	0	Fail
Absent	Ab	0	Absent

f) **Grade Point Average:** Overall performance at the end of the semester will be indicated by Grade Point Average (GPA) calculated as follows:

$$\text{GPA} = \frac{G_1C_1 + G_2C_2 + G_3C_3 + \dots + G_nC_n}{C_1 + C_2 + C_3 + \dots + C_n}$$

Where ‘G’ refers to the grade point and ‘C’ refers to the credit value of the corresponding course undergone by the student.

The Grade Point Average (GPA) for each semester will be calculated only for those students who have passed all the registered courses of that semester. Similarly, Cumulative Grade Point Average (CGPA) up to any semester will be calculated only for those students who have passed all the courses up to that semester.

g) **Grade Card:**

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The Grade Card issued at the end of the semester to each student by the Controller of Examinations, will contain the following:

- a) The code, title, number of credits of each course registered in the semester,
- b) The letter grade obtained,
- c) The total number of credits earned by the student upto the end of that semester and
- d) GPA & CGPA.

h) Classification

On successful completion of the programme, CGPA will be calculated as follows:

$$\text{CGPA} = \frac{C1 \text{ GP1} + C2 \text{ GP2} + C3 \text{ GP3} + \dots + Cn \text{ GPn}}{C1 + C2 + C3 + \dots + Cn}$$

Where 'GP' refers to the grade point average (GPA) and 'C' refers to the total number of credits obtained by a student in a particular semester.

The classification based on CGPA is as follows:

First Class with Distinction (FCD)	CGPA 7.5 and above
First Class	CGPA 6 to 7.499
Second Class	CGPA 5 to 5.999

i) Conversion of GPA/CGPA to Percentage marks

The following formula shall be used to convert the CGPA obtained by a student to percentage marks.

$$\text{Percentage marks} = \text{CGPA} * 10$$

6. GRIEVANCE REDRESSAL

- (i) The marks of the end semester examination of all the students shall be published in the Notice board. If the students have any grievance with regard to the marks obtained for any course, they can make a written application within 3 days of publication of results.
- (ii) The teacher concerned shall explain to the student the scheme for awarding the marks and the reasons for the same. If the grievance still persists the student may make a

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request to the Director for reconsideration within two days of consultation with the teacher concerned.

- (iii) On receipt of reconsideration request, the Director, within two working days, shall place the matter before the Faculty Council, which shall be the appellate authority.
- (iv) The Faculty Council shall examine the same and take a final decision within seven days which has to be intimated to the student in writing. This decision shall be final.

7. SAVE A YEAR EXAMINATION

- (i) A student who has failed in any core or elective course in the final year may make an application for a Save A Year examination as a special supplementary examination.
- (ii) This special supplementary examination will be conducted after the publication of that semester results.
- (iii) The student will be awarded the actual grade he/she obtains in the special supplementary examination.
- (iv) Those who fail in the end-semester examination/ special supplementary examination of any course may repeat the semester end examination of that course in the next available chances.

8. AWARD OF DEGREE

In order to become eligible for receiving LL.M. Degree in IPR the student shall have enrolled as a regular student and undergone the prescribed course of studies and completed all the tasks as specified in the curriculum. He/she should have secured minimum 40% marks or a minimum of P grade in all the courses, including dissertation with a total of **80** credits.

9. REVISION OF REGULATIONS AND CURRICULUM

The University may from time-to-time revise, amend or change the Regulations, Scheme of examinations and the Syllabus. This Regulation shall come into effect from 2025-26 academic admission onwards.

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CURRICULUM AND SYLLABUS

Course Contents and Syllabi

The references given are inclusive. The stakeholders are expected to refer the latest decisions, legislations, international documents, books, articles case laws and other materials. In the case of books, the latest edition is expected to be referred.

Program Specific Outcomes (PSOs)

PSO 1	To analyse and compare the jurisprudential aspects between various legal systems with emphasis on IPR.	Analyse
PSO 2	To understand the concepts and practical aspects of all forms of intellectual Property.	Understand
PSO 3	To understand the basics of emerging technologies.	Understand
PSO 4	To apply intellectual property in the context of emerging technologies.	Apply
PSO 5	To evaluate developmental aspects of Intellectual property.	Evaluate
PSO 6	To create and develop legal research and writing skills.	Create

SEMESTER WISE SUBJECTS AND CODES

Sl. No.	Subject	Core / Elective	Subject Code	Continuing assessment	End Semester	Total	Credit
SEMESTER I							
1	Law and Social Transformation	Core	25-406-0101	50	50	100	4
2	Research Methodology and Design of Blueprint of Curriculum	Core	25-406-0102	50	50	100	4
3	An Introduction to	Core	25-406-	50	50	100	4

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	General Principles and Legal Regimes of IPR		0103				
4	Patent and Right to Health	Core	25-406-0104	50	50	100	4
5	Seminar Course - 1	Core	25-406-0105	100	00	100	2
Total for Semester I						500	18
SEMESTER II							
1	Theories of Law and Justice	Core	25-406-0201	50	50	100	4
2	Quantitative Analysis	Core	25-406-0202	50	50	100	4
3	IPR- Developmental Perspectives and its Impact on Society	Core	25-406-0203	50	50	100	4
4	International Acquisition of Intellectual Property	Core	25-406-0204	50	50	100	4
5	Seminar Course - 2	Core	25-406-0205	100	00	100	2
6	Dissertation Proposal Defence	Core	25-406-0205	100		100	4
Total for Semester II						600	22
SEMESTER III							
1	TRIPS Flexibilities and Development	Core	25-406-0301	50	50	100	4
2	IPR and Competition Law	Core	25-406-0302	50	50	100	4
3	Elective - 1	Elective		50	50	100	4
4	MOOC	Elective		0	100	100	4

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5	Clinical Legal Education - 1	Core	25-406-0303	100	00	100	2
6	Dissertation Progress	Core	25-406-0304	100	00	100	4
Total for Semester III						600	22
SEMESTER IV							
1	IPR and International Trade Law	Core	25-406-0401	50	50	100	4
2	Copyright and Entertainment Industry	Core	25-406-0402	50	50	100	4
3	Clinical Legal Education - 2	Core	25-406-0403	100	00	100	2
4	Dissertation	Core	25-406-0404	00	70 + 25 (Written + Viva-voce)	100	8
Total for Semester IV						400	18
Grand Total						2100	80

Subject Codes for Elective Courses:

Sl. No.	Subject	Credit	Subject Code	Semester
1	Comparative Public Law	4	25-406-0305	III
2	Patent and Biotechnology	4	25-406-0306	III
3	IPR and Computer Programs	4	25-406-0307	III
4	Access to Information and Copyright	4	25-406-0308	III
5	Collective Property as Intellectual Property	4	25-406-0309	III

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Semester I

Paper I - Law and Social Transformation (4 credits)

Course Outcomes

On completion of the course the student will be able to:

CO1	To evaluate the function of law as an instrument of social change;	Evaluate
CO2	To analyze the role of constitutional amendments in reforming social institutions;	Understand
CO3	To understand the role of law in protecting vulnerable groups like minorities, women and children;	Understand
CO4	To create and inculcate excellent teaching and research skills;	Create
CO5	To create and improve the legal thinking of students and refine their adjudication skills.	Create

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
CO 1		1			3	
CO 2		2	2			
CO 3					2	3
CO 4	3				3	
CO 5	3		1	1		

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Content

Module I: Introduction -Law and Social Change-Law as an instrument of social change-Law as a product of traditions and culture-Introduction of common law system and institutions in India and the impact of received law on the Indian Social and Legal Order-Limits of Law in bringing out social change.

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Module II: Constitution's Role in Social Transformation- Constitutional Amendments and social transformation- Constitutionalism-Modernisation of Social Institutions through Law-Agrarian Reforms, Industrial reforms, Economic reforms, labour law reforms-Balancing of Part III with Part IV.

Module III: Advancement of Science and Technology and Constitutional Adaptation- Constitutional protections and Advancement of Science and Technology, Digitisation and Constitution, Legislative, Executive and Judicial responses to the Advancement of Science and Technology

Module IV: Protection of Vulnerable Population- Gender Injustice and its various forms-Empowerment of Women Constitutional and Statutory Provisions-Protection against exploitation Crime against women, other marginalized sections and Legal Reform- surrogacy-abortion- children, Dalit rights

Module V: Property and Law-Definitions, Types and elements of property, Justifications of private property, Modes of Acquisition, Rights in Property, Property in the Constitution of India, Constitutional policy before and after the Forty fourth Amendment; IP as a property

References

1. Austin Sarat and Patricia Ewick (eds), *The Handbook of Law and Society*, Wiley Blackwell; (1st Edn, 2015).
2. Baxi, Upendra (Ed.), *Law and Poverty: Critical Essays*, Tripathi, Bombay, (1988).
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7. Flavia Agnes, *Law and Gender Inequality: the Politics of Women's Rights in India*, Oxford, (1999).
8. Gunasekhare Savitri, *Children, Law and Justice*, Sage Publications, (1997).
9. Indian Law Institute, *Law and Social Change: Indo-American Reflections*, Tripathi, (1988).
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17. Ved Kumari, *Offences Against Women: in Kamala Sankaran and Ujjwal Kumar Singh (ed) Towards Legal Literacy An Introduction to Law in India*, Oxford, New Delhi, (2008).

Paper II - Research Methodology and Design of Blueprint of Curriculum
(4 Credits)

Course Outcomes

On completion of the course the student will be able to:

CO1	To understand the aim, scope and significance of research	Understand
CO2	To demonstrate effective doctrinal as well as non-doctrinal legal research using fundamental tools of research (Understand).	Understand
CO3	To understand and identify and formulate a research problem and design their research work	Understand
CO4	To create research papers, articles, notes, case comments etc. using standard forms of legal citations	Create
CO5	To understand emerging trends relevant for design for legal curriculum	Understand

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
CO 1	1			2		3
CO 2			2			3
CO 3				3		
CO 4	1	1				3
CO 5		1				3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Content

Module I: Dimensions of Research and research design- Research as a social Science and scientific research – Qualities of scientific research, meaning of research – Nature and utility of research -Pure and applied research - Value of research – Problems of objectivity in research – the research process – Multidisciplinary approach to research-Formulation of problem in research - Hypothesis, their nature and role – Concepts and their role in investigation - Research design.

Module II: Doctrinal Research- Doctrinal research - Data collection – Doctrinal sources – Primary and secondary sources — Case study method – Observation and interview - Case books – writings – International documents – Judgments of international bodies and superior courts of different countries—Legislation – Statutory instruments and Judicial decisions.

Module III: Non- Doctrinal Research -Non-doctrinal research - empirical research – census method of data collection – Sampling methods and techniques – random sampling – systematic sampling – stratified sampling – optimum sampling – Different methods for collection of data – interview, preparation of questionnaires

Module IV: Legal Writing -Research Report & Proposals– Style of presentation –Legal Writing – articles, book reviews and case comments - Citation Models – use of definitions, maxims, concepts, principles and doctrines.

Module V: Design of Blue Print for Curriculum -Design of Law Curriculum – Efforts to review Legal Education -Global & India - Traditional Content based Curriculum -Current Challenges Globalisation, Pandemic & Shift from Adversarial to Dispute Resolution Model - Transition to Capability framework- Integrated Models with Transferable generic and legally specific skills for Legal Profession Demand for Competitiveness in Information & Communication Technology – New Evaluation & Assessment Models– Role of Online teaching.

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1. Erwin C. Surrency *et. al.*, *A Guide to Legal Research*, Oceanea Publications, (1966).
2. *Evaluation Reforms in Higher Education Institutions*, UGC, (2019).
3. H.M. Hyman, *Interviewing in Social Research*, University of Chicago, (1965).
4. Ihugba, Bethel Uzoma, *Introduction to Legal Research Method and Legal Writing*. Benin, Malthouse Press, 2020.
5. Irene Calboli and Maria Lilla Montagnani (eds.) *Handbook of Intellectual Property Research: Lenses, Methods, and Perspectives*. United Kingdom, Oxford University Press, 2021.
6. Kritzer, Herbert M, *Advanced Introduction to Empirical Legal Research*, United Kingdom, Edward Elgar Publishing, 2021.
7. *Legal Research and Methodology*, ILI Publication, (2001)
8. Manheim, *Sociological Research: Philosophy and Methods*, Doresy Press, (1997).
9. Morris L. Cohan, *Legal Research in Nutshell*, West Publishing Co., (1996).
10. Morris L. Cohen, *How to Find the Law*, University of Michigan, (1989).
11. Payne, *The Art of Asking Questions*, Princeton University Press, (1980).

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12. Peter Goodrich, *Reading the Law*, B. Blackwell, (1986).
13. Peter W. Martin, *Introduction to Basic Legal Citation*, (online ed. 2010) available at <http://www.law.cornell.edu/citation/>
14. Philip Whitehead and Anne Matthewman, *Legal Writing and Research Manual*, Lexis Nexis, Butterworths, (2004).
15. S. K. Verma and Afzal Wani, *Legal Research Methodology*, ILI, New Delhi, 2nd edn., (2001).
16. Sally Kift, *A Tale of Two Sectors: Dynamic Curriculum Change for a Dynamically*
17. *The Blue Book: A Uniform System of Citation*, Harvard Law School, (21st edn., 2020) available at <https://www.legalbluebook.com/>.
18. *The Blue Book: A Uniform System of Citations*, Harvard Law Review Association, (2000).
19. Victor Tunkel, *Legal Research*, Blackstone Press, (1992).
20. William J. Grade and Paul K. Hatt, *Methods in Social Research*, Mc Graw-Hill Book Company, London (1952).
21. Young P.V. and Schmid C.F., *Scientific social surveys and research: An introduction to the background, content, methods, principles and analysis of social studies*, (4th edn., 1966).

Paper III - An Introduction to General Principles and Legal Regimes of IPR (4 credits)

Course Outcome:

On completion of the course the student will be able:

CO1	To understand the basic property justifications of intellectual property	Understand
CO2	To evaluate the foundational underpinnings of different forms of IP	Evaluate
CO3	To understand the international legal framework of various IP regimes.	Understand
CO4	To analyse the evolving new dimensions in the field applying the basic standards covered in the course.	Analyse
CO 5	To critically analyse the necessity in evolving an Independent Indian philosophy pertaining to IP.	Analyse

Course Articulation Matrix

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	PSO 1	PSO 2	PSO3	PSO 4	PSO 5	PSO 6
CO 1	3	1	2		2	
CO 2	3	1				2
CO 3	2		1	3		
CO 4		2			3	
CO 5			2			3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Content

Module 1: Theoretical Justification of Intellectual Property and introduction to different Forms of IP- Theoretical justification for protection of IP – western theories on private property and IP – Gandhian notion of Property and IP- Introduction to different form of IP: The concept of copyright, patent and trademark, geographical indication of goods and traditional knowledge – the conceptual differences and the differences in the scope and extent of protection and in the standards required for protection for different forms of IP and its implications

Module 2: Introduction to Concept, Standards and Subject Matter of Copyright- Concept, Standards and Subject Matter of copyright: The test of originality – idea/expression dichotomy –the problems created by digitization in determining the standards – subject matter of copyright protection and term of protection.

Module 3: Introduction to Patents: Concept, Standards, and Subject Matter of Patents- Patentable inventions – patentability standards – test of novelty, inventive step and commercial utility and their significance – standards of patentability in the changing technological context – scope and extent of protection including the term of protection

Module 4: Introduction to Trademarks: Need for common law and statutory Protection of Trademarks -Trademark – the concept of distinctiveness – relevance of confusion and deception – common law and statutory requirements for protection – the changing scenario of marketing and the changing demands for trademark protection.

Module 5: Industrial Designs: An Introduction- Concept of Industrial Designs- Subject Matter of Design Protection- Standards for granting Design Protection- difference between Designs with that of Patents and Copyright- Term of Protection.

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2. Copinger WA, James ES, *Copinger and Skone James on Copyright*, Sweet & Maxwell, (2011).
3. Ford Laura R., *The Intellectual Property of Nations: Sociological and Historical Perspectives on a Modern Legal Institution*, Cambridge University Press (2021)
4. Ganguli Prabuddha, *Geographical Indicators, its Evolving Contours*, MVIRDC, World Trade Centre, Mumbai, (2009).
5. Hegel G.W.F., *The Philosophy of Rights*, Cosimo Inc., (2008).
6. Hudson Emily, *Drafting Copyright Exceptions* (Cambridge Intellectual Property and Information Law, Series Number 51) Reprint Edition (2022)
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11. Marx Karl, *Private Property and Communism*, Hackett Publishing CO., (1844);
12. Marx Karl, *Wage, Labour and Capital*, Kessinger Publications, (1847).
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16. Nicholas Beams, *The Alienation of Labour*, University of Tasmania, (1844).
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19. Silke von Lewinski (Ed.), *Indigenous Heritage and Intellectual Property: Genetic Resources, Traditional Knowledge and Folklore*, Kluwer International, (2008).
20. Terrell, T. and Thorley, S., *Terrell on the Law of Patents*, Sweet & Maxwell, (2000).

Paper IV - Patent and Right to Health (4 Credits)

Course Outcomes

On completion of the course the student will be able:

CO1	To understand the political economy of pharmaceutical industry.	Understand
CO2	To understand the basics of pharmaceuticals.	understand
CO3	To analyse the concept of right to health in the context	Analyse
	of access to medicines and related products.	

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CO4	To analyse the extent to which health related products can be accommodated into the patent regime.	Analyse
CO5	To evaluate the functioning of the systems within and outside patent regime which foster access to medicines.	Evaluate
CO6	To create and develop patent policies which are sensitive to health and related issues.	Create

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
CO 1	1	1				1
CO 2			1		2	
CO 3	2			3		
CO 4					3	
CO 5	1				3	2
CO 6		2				3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Content

Module I – Patent and Pharmaceutical Industry-Patents and Innovation in Pharmaceutical Industry - Pharmaceutical Industry and Third World Countries – Behaviour of Pharma Industry.

Module II –Patents and Access to medicine-Access to medicine as a Human right - Justifications for pharmaceutical patents – Classification of pharmaceutical patents – Pharmaceutical patent search.

Module III – Subject matter and Standards in Pharmaceutical Patents-Notion of invention – what are not inventions – test of novelty – inventive step – written description and enablement- Application of patent standards in pharmaceutical inventions.

Module IV – TRIPS and Access to Medicines -Scope – Nature of TRIPS obligation- Doha Declaration – Flexibilities – TRIPS plus provisions.

Module V – Other measures to ensure access to medicines-Voluntary license – Medicine Patent Pool – alternative to patents – TRIPS waiver.

References:

1. Aaron Xavier Fellmeth, “Secrecy, Monopoly, and Access to Pharmaceuticals in International Trade Law: Protection of Marketing Approval Data under the TRIPS Agreement” 45 Harvard International Law Journal 443, 2004.
2. Amy Kapczynski, “Harmonization and Its Discontents: A Case Study of TRIPS Implementation in India’s Pharmaceutical Sector” 97 California Law Review 1571, 2009.
3. Biswajith Dhar and K.M.Gopakumar, “Post-2005 TRIPS scenario in patent protection in the pharmaceutical sector: The case of the generic pharmaceutical industry in India”, ICTSD and UNCTAD, November 2006.
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13. Graham Dutfield, “Delivering Drugs to the Poor: Will the TRIPS Amendment Help?” 34, American Journal of Law and Medicine, 2008, pp. 107-24.
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 18. K M Gopakumar, “Twenty Years of TRIPS Agreement and Access to Medicine : A Development Perspective”, 55(3), Indian Journal of International Law , 2015, pp. 367-404.
 19. Peter Drahos, “*A Philosophy of Intellectual Property*”, Routledge, (1996).
 20. Phoebe Li, “*Health Technologies and International Intellectual Property Law: A Precautionary Approach*”, Routledge Research in Intellectual Property, (2014). See Part I, Chapter 1.2 and Chapter 5.
 21. RajagopalaAyyangar, “Report on the Revision of the Patent Law”, Government of India, 1959.
 22. Rajiv Dhavan et.al , “Conquest by Patent: The Paris Convention Revisited” 32, Journal of the Indian Law Institute, 1991, pp. 131-178.
 23. Rajiv Dhavan et.al , “Whose Interest? Independent India’s Patent Law and Policy”, 32 Journal of the Indian Law Institute, 1990, pp. 429-477.
 24. J. H. Reichman, “Of Green Tulips and Legal Kudzu: Repacking Rights in Subpatentable Innovation”, 53 Vanderbilt Law Review 2000, 1743.
 25. Sudip Chaudhuri, Chan Park and K. M. Gopakumar “Five Years into the Product Patent Regime: India’s Response”, UNDP report, 2010.
 26. Susan K. Sell, “TRIPS and the Access to Medicines Campaign” 20 Wisconsin International Law Journal, 2001-2002, 491.
 27. Terence P. Stewart, “*GATT Uruguay Round : Negotiating History*”, Kluwer Law International, 1999.
 28. “*Terrel on the law of Patents*”, Sweet & Maxwell, (19th Edn., 2022).
 29. The Paris Convention 1883.
 30. Thomas Pogge, Mathew Rimmer, Kim Rubenstein (ed), “*Incentives for global public health: Patent law and access to essential medicines*”, Cambridge University Press (2010).

Useful websites

1. UNDP HIV/AIDS:
http://www.undp.org/content/undp/en/home/librarypage/hiv aids.html?rightpar_publicationlisting_start=10
2. South Centre <https://www.southcentre.int/>
3. WHO PHI <http://www.who.int/phi/en/>
4. WHO CIPIH Background Papers <http://www.who.int/intellectualproperty/studies/en/>
5. WIPO http://www.wipo.int/policy/en/global_health/
6. WTO <https://www.wto.org/>
7. Program on Information Justice and Intellectual Property <http://www.pijip.org/>
8. ICTSD <http://www.ictsd.org/>
9. IPRS online <https://www.iprsonline.org/>
10. Commission on Intellectual Property Rights <http://www.iprcommission.org/>
11. IMAK <http://www.i-mak.org/>

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12. TWN www.twn.my
13. MSF <http://www.msfacecess.org/>
14. KEI <http://www.keionline.org/>
15. Health GAP <http://www.healthgap.org/>
16. IFPMA <http://www.ifpma.org/>

Semester II

Paper I: Theories of Law and Justice (4 credits)

Course Outcomes

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On completion of the course the student will be able:

CO 1	To analyse of legal theories and concept of justice	Analyse
CO 2	To create and develop skill in interpreting laws in the context of social and individual rights.	Create
CO 3	To develop the skill for balancing the conflicting social and individual rights.	Create
CO 4	To understand and develop the skill to explore the content of judicial decisions.	Understand
CO 5	To create, draft and articulate legal policies and legal documents.	Create

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
CO 1		1	2	3		1
CO 2	2	1			3	
CO 3		2		3		3
CO 4	1	2		3		
CO 5						3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Content

Module I: Interrelation between Law and Justice -Evolution of concept of law- the relation of justice to law and ethics-Justice as liberty, equality, justice as fairness, Legal Theories - natural law theories - historical development in ancient, medieval and renaissance period - positivism and analytical theories of law- analytical positivism-Austin's theory of law - pure science of law - Kelson's theory- positivism- Hart on analytical positivism – influence on Indian legal system.

Module II: Natural law and its revival -Law and morals – Mill's view on morality – Hart

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on natural law- Fuller and morality of law- Finnis and restatement of natural law- - Hart & Devlin debate- Hart & Dworkin debate

Module III: Sociological jurisprudence-Roscoe Pound's theory of social engineering - theory of interest- Laswell and Mcdaugal, Parsons, Selznick – Jhering, Max Weber, Durkheim, Ehrlich - Unger and the development of modern law –Historical and Anthropological theories-the German Historical School -Savigny and Volkgeist- the English Historical School - Sir Henry Maine Legal Realism- Idealism- Kant & Hegel - Feminist and Marxist jurisprudence

Module IV: Concept of rights -Theorizing Classification and categorisation of rights – constitutional rights -unenumerated rights - correlation of rights with duties - Hohfeld's analysis - human rights - justice and theories - Rawlsian theory of justice -Amartya Sen and the concept of justice- Robert Nozick and the minimal state concept- distributive justice

Module V: Concept of individual and social justice in the Indian context-Constitution and social justice Law and the downtrodden: - access to justice - legal aid to the poor and indigent,-judicial activism and public interest litigation Art 39 A.

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1. Barden Garrett and Tim Murphy, *Law and Justice in Community*, Oxford University Press, (2010)
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8. Freeman, M.D., *Lloyd's Introduction to Jurisprudence*, Sweet & Maxwell, London, (1994).
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11. Garth, Bryant G. et. al., *Access to justice*, (Ed.) Cappelletti, Sijthoff and Noordhoff, (1978).
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21. Roscoe Pound, “Law and Morals -- Jurisprudence and Ethics”, 23 N.C. L. Rev. 185 (1945).
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22. Sen Amartya, *The Idea of Justice*, Penquin Books, India, (2010).
23. Sivaramayya B., *Inequalities and the Law*, Eastern Book Company, Lucknow, (1984).
24. Wacks, R, *Understanding Jurisprudence: An Introduction to Legal Theory*, Oxford University Press, (2020).
25. Wayne Morrison, *Jurisprudence from the Greek to Post-Modernism*, Routledge-Cavendish (1995)

Paper II - Quantitative Analysis (4 credit)

Course Outcome

On completion of the course the student will be able:

CO 1	To understand various statistical tools and methods of legal research;	Understand
CO 2	To understand and identify appropriate statistical analyses for specific research questions	Understand
CO 3	To apply fundamental statistical analyses	Apply
CO 4	To evaluate the conclusions of the statistical analyses.	Evaluate
CO 5	To create graphical representation model for analysed data.	Create

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
CO 1	1		2	2	2	3
CO 2	2	1		3	3	
CO 3	1		1	2	2	3
CO 4	1	1		2		3
CO 5		2	1		2	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Content

Module I: Introduction-Statistics in law and social science, descriptive, predictive, and

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causal inference, samples and populations concepts of statistical population and sample. Data: quantitative and qualitative, attributes, variables, scales of measurement - nominal, ordinal, interval and ratio.

Module II: Descriptive Statistics -Descriptive Statistics, Frequency distribution, Cross-tabulations, Chi-square test, Data visualisation, pie chart, bar chart, histogram, frequency curve, frequency polygon, boxplot, plotting bivariate data, p-p plot, q-q plot, stem and leaf plot application in empirical legal research.

Module III: Measures of Central Tendency-Mean, Median, Mode, Harmonic Mean, Geometric Mean, Weighted Average. Measures of Dispersion: range, quartile deviation, mean deviation, standard deviation, coefficient of variation, skewness and kurtosis-application in empirical legal research.

Module IV: Data Analysis-Univariate analysis, Bivariate Analysis, Correlation, Scatter Diagram, Simple, Partial and Multiple Correlation (3 variables only), Spearman Rank correlation, Simple linear regression- application in empirical legal research.

Module V: Probability, Conditional Probability, events, simple and compound events, Baye's Theorem, Random variables: Basic definitions, discrete and continuous random variables, Probability distributions: Normal, Poisson and Binomial distributions application in empirical legal research.

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2. David Freedman et. al., *Statistics*, W.W. Norton & Company, New York, (4th edn. 2007).
3. Ghosh B.N, *Scientific method and Social research*, Sterling, New Delhi, (2011).
4. Goon A.M. et. al., *Fundamentals of Statistics*, The World Press, Kolkata, (Vol. I& II, 8th edn., 2002)
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6. Jack Levin and James Alan Fox, *Elementary Statistics in Social Research*, (12th edn., 2013).
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15. Stockemer, Daniel. *Quantitative Methods for the Social Sciences: A Practical Introduction with Examples in SPSS and Stata* Springer International Publishing, Germany, (2018).

Paper III

IPR- Developmental Perspectives and its Impact on Society (4 credits)

Course Outcomes

On completion of the course the student will be able:

CO1	To understand and analyse the objectives, importance, justifications and limitations of all forms of intellectual properties.	Understand
CO2	To critically analyse the different aspects and theories of development.	Analyse
CO3	To apply the concepts of development in relation to IP issues and decide whether IP is necessary for development.	Apply
CO4	To understand that copyright is not just about the right of authors but also about the rights of society.	Understand
CO5	To understand that the social implications of patent law are just as or more important than its commercial implication.	Understand

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
CO 1	1	3	2	3	2	2
CO 2	1	3	1		1	1
CO 3		1	3	2	3	
CO 4	1	2		2		1
CO 5	3		2			1

1-Low Correlation 2-Medium Correlation 3-High Correlation

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Course Content

Module 1: Introduction to the International Framework on IP:

Internationalization of IP protection – TRIPS Agreement – basic principles and minimum standards – limits of one-size-fit for all – flexibilities under TRIPS – international politics in norm settings for IP protection - concerns of India

Module 2: Concept of Development and IP as a quid pro quo for development

Development and IP protection – lessons from the west – economic foundations of IP in the Western and Indian context- Social benefit of intellectual property - development and its different aspects – relevance of access to information/knowledge and technology for development need for balancing IP protection with dissemination/transfer of information/technology.

Module 3: Role of IP in Development with Specific reference to Policy Concerns of India:

Policy concerns in the Indian context – IP and transfer of technology – IP and competition – IP and foreign direct investment – Indian economy and IP protection

Module 4: Collective property and development

Concept of collective property - GI and TK - different from formal IP regime - beneficiaries of protection - as opposed to modern creators/innovators, traditional creators/innovators.

Module 5: Changing Nature of IP in the context of Emerging Technologies:

Challenges to different forms of IP posed by emerging technologies and the possible solutions – digital technology, internet, Artificial Intelligence and biotechnology

References:

1. Christopher May & Susan K. Sell, *Intellectual Property Rights: A Critical History*, Lynne Rienner Publications, (2005).
2. Daniel J. Gervais, *The Future of Intellectual Property*, Edward Elgar Publishing, USA (2021).
3. David J. Teece, *The Transfer and Licensing of Know-how and Intellectual Property*, World Scientific, (2008).
4. Eechoud, Mireille M. M. van, *Choice of Law in Copyright and Related Rights: Alternatives to the Lex Protectionis*, Kluwer Law International, Netherlands, (2003).
5. Gustavo Ghidini, *Intellectual Property and competition Law: The Innovation Nexus*, Edward Elgar, (2006).
6. John Odell (ed.), *Negotiating Trade: Developing Countries in the WTO and NAFTA*, Cambridge University Press, (2006).
7. Lindberg, Van, *Intellectual Property and Open Source: A Practical Guide to Protecting Code*, O'Reilly Media, United States, (2009).
8. Martha Buskirk, *Is It Ours?: Art, Copyright, and Public Interest*, University of California Press; First edition (2021)
9. Meeker, Heather J., *The Open Source Alternative: Understanding Risks and*

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Leveraging Opportunities, Germany: Wiley, (2008).

10. Metzger Axel, *Free and Open Source Software (FOSS) and Other Alternative License Models: A Comparative Analysis*, Springer International Publishing, Germany, (2015).
11. Odagiri et. al , *Intellectual Property Rights, Development, and Catch Up* , Oxford University Press, (2010).
12. Pierre Kobel, PranveraKëllezi, Bruce Kilpatrick, *Competition Law Analysis of Price and Non-price Discrimination & Abusive IP Based Legal Proceedings* (LIDC Contributions on Antitrust Law, Intellectual Property and Unfair Competition) Springer; 1st ed. (2021)
13. Susan K. Sell, *Private power, Public Law: The Globalisation of IPR*, Cambridge University Press, (2006).
14. Susan Sell et.al, *Who Governs the Globe?* , Cambridge University Press, (2010).
15. Vanni Amaka and SrividhyaRagavan, *Intellectual Property Law and Access to Medicines: TRIPS Agreement, Health, and Pharmaceuticals*, Taylor & Francis, United Kingdom, (2021).

Paper IV:

International Acquisition of Intellectual Property (4 Credits)

Course outcome:

On completion of the course the student will be able:

CO1	To understand the principle followed in international procedure and international registration of IPRs	Understand
CO2	To evaluate the international patent application filing mechanism under PCT.	Evaluate
CO3	To analyse and compare the national phase requirements for PCT applications in India.	Analyse
CO4	To analyse the international registration procedure for trademarks envisaged in Madrid agreement and Madrid protocol and its extension to India.	Analyse
CO 5	To understand the procedure for international protection of design under Hague agreement and its extension to India.	Understand

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
CO 1	3	2	2	2	3	2

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CO 2	2	1	2	2	3	
CO 3	2	1	1	1	3	1
CO 4		1		3	3	
CO 5	1	1	1		3	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Content

Module I - International procedure and international registration-Need for international norms – justifications – difference between international procedure and international

registration – implications - principles followed in international conventions - international filing – international registration – Merits and demerits.

Module II- Patent Cooperation Treaty (PCT)-Objectives - procedure –International Phase – application – international search – publication – international preliminary examination - National Phase – time limit – acts to be performed – special requirements – Merits and demerits.

Module III - National Phase application in India-Requirement and procedure Indian Patents Act - PCT application and Indian application – additional requirements for PCT applications - procedure – who can apply – examination – significance of international search and examination reports - pre and post grant oppositions – advantages for India.

Module IV - Acquisition of Trade Marks-Requirement and procedure Madrid Agreement and Madrid Protocol – purposes – differences - procedure – international application – basic application and basic registration – examination – dependency provisions – advantages and disadvantages – Indian Trade Marks Act –procedure – application - advertisement – opposition - registration – incorporation of Madrid System into Indian TM Act – benefits- Domain name registration

Module V - Acquisition of Designs-Requirements and Procedure International protection of design – Hague Agreement concerning the international registration of industrial design – Locarno classification of Designs - procedure – application and registration - benefits - Designs Act 2000 – procedure for registration – Cancellation of Design registration

References:

1. Adarsh Ramanujan, “Reflections of the Indian accession to the Madrid Protocol”, Vol. 13, JIPR, 2008.
2. Busso Bartels, “PCT and its importance to India”, Vol. 4, JIPR, 1999.

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3. D P Mittal, *Supplement to Indian Patent Law and Procedure*, TaxmannAllied Services, (2003).
4. Denis Cohen, *The International Protection of Designs*, Kluwer Law International, (2000).
5. Jay Erstling, “The Patent Cooperation Treaty: At the Center of the International Patent System”, 32 William Mitchell Law Review, 2005. available at <http://open.wmitchell.edu/facsch/12>.
6. Kalyan C. Kankanala, et. al., *Indian Patent Law and Practise*, Oxford University Press, (2010).
7. *Manual of Patent Office Practice and Procedure: Version 3*, Office of Controller General of Patents, Design and Trade Marks, (2019).
8. N. K. Gupta, “Information for filing international applications for patent under Patent Co-operation Treaty by Indian Applicants”, Vol. 5, JIPR, 2000.
9. Niloy Kumar Gupta, “Overview of the Indian Industrial Law and Practices”, Vol. 4, JIPR, 1999.
10. Philip Walters, *Chartered Institute of Patent Attorneys (C.I.P.A.)*, Patent Cooperation Treaty Handbook, Sweet & Maxwell, (1997).
11. Rajeev Ranjan, “PCT System and its impact on developing countries”, Vol.8, JIPR, 2003.
12. Shivnath Tripathi, “The Relevance of Pre Grant-Opposition under Indian Patent Law”, available at http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2365463.
13. The Designs Act 2000 (2020) and the Design Rules 2001 (2020).
14. The Indian Patent Acts 1970, (2020). and the Indian Patent Rules 2003 (2020).
15. The PCT Applicant’s Guide available at <https://www.wipo.int/pct/en/guide/index.html>
16. The Trade Marks Act 1999 (2020) and the Trade Marks Rules 2003 (2020).
17. WIPO “Guide to the international registration of marks under the Madrid Agreement and the Madrid Protocol”, (2019), Available at http://www.ipindia.nic.in/writereaddata/Portal/IPOGuidelinesManuals/1_40_1_guidelines_MadridProtocol_17December2013.pdf
18. WIPO, *Introduction to Intellectual Property: Theory and Practice*, Kluwer Law International, (2nd edn., 2017).
19. WIPO, *The first twenty-five years of the Patent Co-operation Treaty (PCT) 1970-1995*, WIPO, Geneva, (1995).

Semester III

Paper I - TRIPS Flexibilities and Development (4 credits)

Course Outcomes

On completion of the course the student will be able:

CO 1	To understand the history and global politics behind the conclusion of the TRIPS Agreement	Understand

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CO 2	To understand and examine the need and relevance of flexibilities within the IP system.	Understand
CO 3	To analyse how the flexibilities within the IP system can be utilized for enhancing public access.	Analyse
CO 4	To evaluate and compare the flexibilities within the national IP laws of different jurisdictions.	Evaluate
CO 5	To evaluate the need to have a robust public domain and to revise the working of the existing IP system.	Evaluate

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
CO 1		1	2	1	1	2
CO 2	3	2	1	1	1	1
CO 3	1		1	3	1	2
CO 4	3	1		1	1	1
CO 5	3	2	2	1	3	1

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Content

Module I-TRIPS Agreement History and Principles

GATT, WIPO and the need for TRIPS– lobbying Changes from Paris convention - intellectual property in Uruguay Round of Trade negotiation- Negotiating for India

Module II- Scope of Flexibilities within the TRIPS Agreement

Substantive and procedural standards that were built into the TRIPS Agreement- meaning and scope of different categories of IP- subject matter, standards, scope of protection, enforcement Scope of TRIPS flexibilities

Module III- Limitations and Exceptions

TRIPS Flexibilities - limitations and exceptions – parallel import-transition period

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Module IV- TRIPS Flexibilities and development

Importance of the use of TRIPS flexibilities for development— importance of a robust public domain - IP and transfer of technology-IP and foreign direct investment-Access to medicine and Doha Declaration

Module V- Post TRIPS scenario

Back to bilateralism and its logic – setting of IP norms through Free Trade Agreements (FTAs) and Bilateral Investment Treaties (BITs) – their impact – relation with TRIPS- WIPO Development Agenda and Sustainable Development Goals.

References:

1. Bodenhausen, *Guide to the Application of Paris Convention for the Protection of Industrial Property*, WIPO (2004).
2. Correa, Carlos, *Trade Related Aspects of Intellectual Property Rights: A Commentary on the TRIPS Agreement*, Oxford University Press, (2007).
3. Dhavan Rajiv et.al, “*Paris Convention Revisited*”, 31, JILI, (1991).
4. Dhavan Rajiv et.al, “Whose Interest? Independent India’s Patent Law and Policy”, 429(32) J.I.L.I, (1990).
5. Drahos Peter, *A Philosophy of Intellectual Property*, Dartmoth, (1996).
6. Ellen FM. et. al., *Medicine procurement and the use of flexibilities in the Agreement on Trade Related Aspects of Intellectual Property Rights, 2001–2016*, Bull World Health Organization, (2018).
7. Haardt, W. L., *Terrel on the Law of Patents*, Sweet & Maxwell, London, 1971. (latest edition)
8. Hughes, J., *The philosophy of intellectual property*, 77 *Geo. LJ*, p 287, (1988)
9. Hulme EW, *History of the patent system under the prerogative and at common law*, 12 *LQ Rev.*, (1896).
10. Iyyangar Rajagopal, *Report on the Revision of the Patent Law*, Government of India, (1959).
11. Mani S., Richard and R. Nelson (ed.), *TRIPS Compliance, National Patent Regimes and Innovation: Evidence and Experience from Developing Countries*, Edward Elgar Publishing (2013).
12. Matthews Duncan, *Intellectual Property, Human Rights and Development: The Role of NGOs and Social Movements*, Edgar Elgar Publication (2011).
13. Reichman JH., “Of green tulips and legal kudzu: Repackaging rights in sub patentable innovation”, 53 *Vand. L. Rev.*, (2000).
14. Stewart Terence P., *GATT Uruguay Round: Negotiating History* Kluwer, Law International, (1999).

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Paper II - IPR and Competition Law (4 –Credits)

Course Outcomes

On completion of the course the student will be able:

CO1	To understand the basic philosophy of competition regime and IP regime	Understand
CO2	To analyse the anti-competitive practices in Intellectual Property regime	Analyse
CO3	To analyse how the anti-competitive practices work within the IP regime	Analyse
CO4	To understand the functioning of the different agencies that ensures this balance	Understand
CO5	To create and develop policies to minimize the friction between the two regimes	Create

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
CO 1	3	2	1		1	2
CO 2	3	1		2	1	1
CO 3	3	2	1	3		1
CO 4	2	2		2	3	
CO 5	3	2	1			3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Content

Module I – Basic Concepts of Competition Law-Philosophy and objectives of Competition Law – Models of Competitive Market – Different Types of Economic Efficiencies – Interface between IP – philosophical convergence and divergences – role in society.

Module II – Anti-competitive Agreements-Meaning – vertical and horizontal agreements – assessment through Appreciable Adverse Effect on Competition in the Market – Determination of Relevant Market – mechanism within IP regime to prevent anti-competitive agreements.

Module III – Abuse of Dominance-Dominance in the Market – identification of Relevant Market – Abusive Conducts under Competition regime – Dominance and relation with IP – mechanism within IP regime to mitigate abuse of dominance.

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Module IV – Combinations-Merger, Acquisition, Amalgamation and Takeover – Horizontal, Vertical and Conglomerate Mergers – Regulations within Competition regime – mechanisms within IP regime – impact on public interest.

Module V – Enforcement Agencies-Role of CCI in adjudicating disputes – Comparison with other jurisdictions – adequacy of mechanisms within IP laws – Competition adjudication policy and its implications for IPR.

References:

1. Claus-Dieter Ehlermann and Isabela Atanasiu (eds), *European Competition Law Annual: 2005 The Interaction between Competition Law and Intellectual Property Law*, Hart Publishing, (2007)
2. Gustavo Ghidini, *Innovation, Competition and Consumer Welfare in Intellectual Property Law*, Edward Elgar, (2010)
3. Josef Drexler, *Research Handbook on Intellectual Property and Competition Law*, Edward Elgar, (2008)
4. Katarzyna Czapacka, *Intellectual Property and the Limits of Antitrust*, Edward Elgar, (2009)
5. Sherri L. Burr, Edmund W. Kitch and Harvey S. Perlman, *Modern Intellectual Property and Unfair Competition Law*, Foundation Press, (2014).
6. Steven D. Anderman, *The interface between Intellectual Property Rights and Competition Policy*, Cambridge University Press, (2007)
7. Tu Thanh Nguyen, *Competition Law, Transfer of Technology and the TRIPS Agreement*, Edward Elgar, (2010)

Semester IV

Paper I - IPR and International Trade Law (4 credits)

Course Outcomes:

On completion of the course the student will be able:

CO1	To understand the international trade law decision-making process especially in the IP context.	Understand
CO2	To evaluate the politics behind the decision-making process in the WTO platform.	Understand
CO3	To analyze with clarity as to the relation between international trade and Intellectual Property regime.	Understand
CO4	To create a practical application of developmental perspectives of different nations learnt in previous courses.	Create
CO5	To create expertise in international platforms for developing and underdeveloped nations.	Create

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Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
CO 1	3	1	1	2	2	3
CO 2	3	1	1	1	3	
CO 3	3	1	2	2	3	
CO 4	3	2		1		3
CO 5	2		1		2	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Content

Module 1: Historical Development of International Trade Law and its relevance to IPR

International trade governance: the advantages and disadvantages of free trade and the need for international trade rules- history of the GATT 1947, Brettonwoods institutions and the WTO- institutional analysis of the WTO: organizational structure of the WTO and its decision-making; amendment of WTO instruments; rules of interpretation- IPR in the International trade law regime- IPR under GATT 1947- Inclusion of IPR into the WTO System – IP forum shifting - TRIPS and DS B

Module 2: Dispute Settlement Mechanism in International Trade Law

International dispute settlement before the WTO era – International Court of Justice-enforcement mechanism under ICJ - GATT 1947, charter for an International Trade Organization (ITO)- Tokyo Round-reasons for Dispute Settlement Understanding (DSU) - Nullification or impairment – types of complaints–Part V of TRIPS Agreement

Module 3: WTO Dispute Settlement Mechanism and its Procedure

Objectives, Administration and Decision making: DSU – objectives, coverage and administration – Panel – constitution – rules of composition – Appellate Review – Appellate Body – rules of composition – procedure – negative consensus

Module 4: WTO DSB Procedure and DSB and Developing Countries

– consultation – conciliation and mediation – Dispute before panel – mode of reaching final decision–procedure –adoption of panel reports – mode of implementation–surveillance by DSB– non-implementation – cross retaliation- Concerns- lack of expertise - trend in decision making in IP context – impact on developing countries.

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Module 5: IP and DSB decisions-India Patent case – WT/DS 50/AB/R - Canada Pharmaceutical patent case WT/DS 114 – US – Section 110 (5) Copyright Act WT/DS 160 – Canada Patent term WT/DS170–WT/DS290GI – WT/DS 362/R China – Measures Affecting The Protection And Enforcement Of Intellectual Property Rights

References:

1. Acharya Rohini, *Regional Trade Agreements and the Multilateral Trading System*, United Kingdom: Cambridge University Press, (2016).
2. Chad P. Bown Joost Pauwelyn (ed.), *The Law, Economics and Politics of Retaliation in WTO Dispute Settlement*, Cambridge University Press, (2010).
3. Gregory C. Shaffer and Ricardo Meléndez-Ortiz (Eds.), *Dispute Settlement at the WTO: The Developing Country Experience*, Cambridge University Press, (2010).
4. J.G.Merrills, *International Dispute Settlement*, Cambridge University Press, (2011).
5. Ka Zeng, “Legal Capacity and Developing Country Performance in the Panel Stage of the WTO Dispute Settlement System”, 47(1) *Journal of World Trade*, 2013, pp. 187-213
6. Marceau Gabrielle, *A History of Law and Lawyers in the GATT/WTO: The Development of the Rule of Law in the Multilateral Trading System*. India: Cambridge University Press, (2015).
7. Mervyn Martin, *WTO Dispute Settlement Understanding and Development*, MartinusNijhoff Publishers, (2013).
8. Palmetter David and Petros C. Mavroidis, *Dispute Settlement In The WTO Practice And Procedure*, Cambridge University Press (2004).
9. Prévost, Denise and Van den Bossche, Peter, *Essentials of WTO Law*. India: Cambridge University Press,(2021).
10. Taubman Antony, Nuno Pires de Carvalho, Robert D. Anderson, *Competition Policy and Intellectual Property in Today's Global Economy*, United Kingdom: Cambridge University Press, (2021).
11. William J. Davey, “The WTO and Rules-Based Dispute Settlement: Historical Evolution, Operational Success, and Future Challenges”, 17 *J Int Economic Law*, 2014, pp. 679-700.
12. WTO, *A Handbook on the WTO Dispute Settlement System*. India: Cambridge University Press, (2017).

Paper II - Copyright and Entertainment Industry (4 credits)

Course Outcome:

On completion of the course the student will be able:

CO1	To understand the role of intellectual property in the	Understand

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	entertainment industry	
CO2	To understand the evolution of creative industry	Understand
CO3	To appreciate the difference between the theory and practical level application of IP law in the entertainment industry	Evaluate
CO4	To analyse the economic structure within the entertainment industry	Evaluate
CO5	To understand the exploitations in the creative industry and need for different policy.	Analyse

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
CO 1	3	2	2	2	1	1
CO 2	3	1	1	1	1	2
CO 3	2	1	1	3		1
CO 4	2		2	1	3	
CO 5	1	1		2		3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Content

Module 1: Concept and Different form of Entertainment Industry-Notion of entertainment industry – publishing, audio-visual and music industry - impact of digital technology on the industry - its significance – social political and economic - justification for protecting the industry – difference - concept of creativity – publishing, audio-visual and music industry – extend of creative expressions – International position – Berne Convention, Rome Convention, TRIPS, WCT, WPPT - Indian copyright Act

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Module 2: Notion of Creator under the Entertainment Industry vis-a-vis IP-Creator in the entertainment industry – industrial practice – publishing – special positions in the audio-visual and music industry – concept of author under copyright law – role of director and performer - international position – Berne Convention, TRIPS - Indian copyright law

Module 3: Rights of the Creators-Enjoyment of rights – concept of co-existence of rights - rights sharing – relation between creator and owner - automatic transfer of ownership – employment – commissioned work - voluntary transfer – assignment – licence – industry practices – new changes in relationship.

Module 4: Mechanism of revenue sharing in the Entertainment Industry-Revenue sharing – incentivizing the creator – royalty sharing – industry practices – Indian and foreign - new changes in the Indian law – collection and distribution – role of collecting societies – constitution and functions of copyright societies.

Module 5: Entertainment Industry and its role in Development-Consumers and entertainment industry – cultural development – freedom of speech and expression – fair use, parody, derivative works – enforcement – International position; Indian position; Other Jurisdiction – US – PIPA and SOPA

References:

1. David Hesmondhalgh and Andy C. Pratt, “Cultural Industries and Cultural Policy”, 11 (1) International Journal of Cultural Policy, 2005, pp. 1-14.
2. Giuseppina D’Agostino, *Copyright, Contracts, Creators – New Media, New Rules*, EE (2010).
3. Hendrik van der Pol, “Key Role of Cultural and Creative Industries in the Economy”, UNESCO Institute for Statistics, Canada. 2007.
4. Hye-Kyung Lee, “Between Fan Culture and Copyright Infringement: Manga Scanlation”, 36(6) Media, Culture & Society, 2010, pp. 1011-1022.
5. Jessica Reyman, *The Rhetoric of Intellectual Property: Copyright Law and the Regulation of Digital Culture*, Routledge (2009).
6. Jon M Garon, “The Heart of the Deal: Intellectual Property Aspects in the Law and Business of Entertainment”, Vol. 17 JIPR, 2012, pp. 443-453
7. Notaro Anna, “Technology in Search of an Artist: Questions of Auteursism/ Authorship and the Contemporary Cinematic Experience”, *The Velvet Light Trap*, 57 Spring 2006, pp. 86-97.
8. Ruth Towse, “Cultural Economics, Copyright and the Cultural Industries”, 22(4) Society and Economy in Central and Eastern Europe”, 2000, pp. 107- 134.
9. Ruth Towse, *Copyright in the Cultural Industries*, Edward Elgar, UK (2002).
10. Sellors C. Paul, “Collective Authorship in Film”, The Journal of Aesthetics and Art Criticism, 65:3 Summer, 2007.
11. Verma Manish et. al., “Intellectual Property Rights and Indian Entertainment Industry:

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https://www.researchgate.net/publication/318122730_Intellectual_Property_Rights_and_Indian_Entertainment_Industry_An_Overview.

ELECTIVES

Paper I - Comparative Public Law (4 credits)

Course Outcome:

On completion of the course the student will be able:

CO1	To understand the evolution of basic doctrines and its transformation into the foundations of the given Constitutions.	Understand
CO2	To understand about various forms of state and forms of government in theory and in practice.	Understand
CO3	To understand theoretically the methodology of comparing various legal systems in order to appreciate the strength and weakness of that system from its socio-economic and political background.	Understand
CO4	To evaluate the role of judiciary in interpreting and upholding constitutional rights.	Evaluate
CO5	To analyse the role of public law in the era of globalisation.	Analyse

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
CO 1	3	1	1	2	1	2
CO 2	3	2	2	1	1	1
CO 3	3		2		2	1
CO 4	2	2		2	3	2
CO 5	2	1	2	1	3	2

1-w Correlation

-Medium Correlation

3-High Correlation

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Course Content:

Module 1: Origin and development -Nature and Scope of Public Law-Distinction between Public Law and Private Law-Relevance, Significance and Types of Constitutions-§Comparative Study of Constitutions: Advantages & Problems in comparison.

Module II: Constitutions of the United States, India and South Africa -An Overview-Constitutionalism – Essential Features-Doctrine of Separation of Powers – Application in US, India and South Africa-Rule of Law – Application in US, India and South Africa

Module III - Federalism-Models of Federalism- Application in US, India and South Africa-Constitutional Amendments in US, India and South Africa-Theory of Basic Structure- Origin and Development-Modes of Constitutional Review – Judicial Review – Limitations

Module IV - Constitutional Rights and Duties-Remedies for the violation of Constitutional Rights-Role of Judiciary in upholding Constitutional Rights-Growth and Development of Social Action Litigations

Module V - Implementation of International Obligations-Application of international law in the municipal-Legal systems of India, USA and South Africa-Role of Constitutions in the transformation of the society-Changing Role of Public Law in the era of Globalisation

References:

1. A. Lakshminath, *Comparative Law and Select Legal Systems*, Hind Law House, (2011).
2. Christopher Forsyth, et. al., *Effective Judicial Review: A History of Indian Experience*, (Oxford University Press, (2010).
3. D. D. Basu, *Comparative Constitutional Law*, Wadhwa, (2008).
4. D. D. Basu, *Comparative Federalism*, Wadhwa, (2008).
5. David Strauss, *The Living Constitution*, Oxford University Press, (2010)
6. Elisabeth Zoller, *Introduction to Public Law: A Comparative Study*, Martinus Nijhoff, (2008).
7. Elizabeth Giussani, *Constitutional and Administrative Law*, Sweet and Maxwell, (2008).
8. Erwin Chemerinsky, *Constitutional Law, Principles and Policies* (3rd ed)., Aspen, (2006)
9. Granville Austin, *The Indian Constitution: Cornerstone of a Nation*, Oxford University Press, 35th Impression, (2019).
10. Granville Austin, *Working A Democratic Constitution: Cornerstone of a Nation*, (Oxford University Press, 14th Impression, (2019)
11. Hilaire Barnett, *Understanding Public Law*, Cavendish, (2010).
12. M.V. Pylee, *Constitution of the World*, Universal, (2006)
13. Mahendra P. Singh, *Comparative Constitutional Law*, Eastern Book Company, (1989).
14. Neal Devins and Louis Fisher, *The Democratic Constitution*, Oxford University Press, (2010)

15. Subhash C Kashyap, *Framing of Indian Constitution*, Universal Law, (2004)
16. Sudhir Krishna Swamy, *Democracy and Constitutionalism in India – A Study of the Basic Structure Doctrine*, Oxford University Press, (2009).

Paper II - Patent and Biotechnology (4 credits)

Course Outcomes

On completion of the course the student will be able:

CO1	To understand the philosophical and economic justifications of patent law	Understand
CO2	To understand the basics of Biotechnology.	Understand
CO3	To analyse the importance and limitations of patent regime in supporting biotechnology-based industries.	Analyse
CO4	To understand the impact of TRIPS on the Indian Patent Act, 1970	Understand
CO5	To apply patentability standards on biotechnology inventions.	Apply
CO6	To analyse the patentability of biotechnology inventions in India, United States of America and United Kingdom	Analyse

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
CO 1	2	2	1	2	3	
CO 2		3	1	1		2
CO 3	1	2		3		
CO 4			2		3	2
CO 5		1	1	3		
CO 6	3	1	1		2	1

1-Low Correlation 2-Medium Correlation 3-High Correlation

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Course Content

Module I– Historical evaluation of biotech patents-Early developments in biotechnology – legal reasons for denial of property on biological products – justifications for patents - Incentive theory, labour theory, personality theory – application of the theories in biotechnology context.

Module II –International approach to biotech patents-Paris Convention - TRIPS – lobbying - flexibilities in determining patent scope – patentable subject matter - patentability standards.

Module III - Patents and Biotechnology-Challenges in patentability standards and patentable subject matter created by biotechnology – novelty, non-obviousness and utility of biotechnology inventions – statutory requirements and judicial interventions in USA and UK.

Module IV – Patent Act, 1970 and Biotechnology-Excluded subject matters – patentability standards – Guidelines for the examination of Biotechnology patents in India.

Module V – Modern Biotechnology and challenges for Patent Law-Biotech patents and their implications on development – recombinant technology - stem cell research - synthetic biology - effect of research tools and upstream patents on development.

References:

1. Bracha, O, *Owning Ideas: The Intellectual Origins of American Intellectual Property, 1790-1990*, Cambridge Historical Studies in American Law and Society, Cambridge University Press (2016)
2. Christoph Belman and Graham Dutfield, *Trading in Knowledge; development Perspectives on TRIPS, Trade and Sustainability*, Earthscan Publications Ltd. (2003)
3. Graham Dutfield, *Intellectual Property Rights and the Life Science Industries: Past, Present and Future*, World Scientific (2009).
4. H. Macqueen, C.Waelde, G. Laurie, A. Brown, *Contemporary Intellectual Property: Law and Policy*, Oxford University Press (Latest Edition).
5. Hughes J. “Philosophy of Intellectual Property”, 77 *The George Town Law Journal* 285.
6. Keshav Tohan, *Biotechnology*, Wiley Eastern Ltd. (1990).
7. M.D. Trevan. S Boffey, K.H.Goulding and P. Stanbury, *Biotechnology; The Biological Principles*, Tata Mc G Raw Hill (1987)
8. Peter Drahos, *A Philosophy of Intellectual Property*, Dartmoth, (1996).
9. Reichman, Jerome, *Of Green Tulips and Legal Kudzu: Repackaging*

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Rights in Sub patentable Innovations, (2003).

10. Rochelle C. Dreyfuss, Jane Nielsen and Dianne Nicol, "Patenting nature: A Comparative Perspective", *Journal of Law and the Biosciences*, (2018).
11. S.S. Purohit & S.K. Mathur, *Biotechnology: Fundamentals and Applications*, Aerobios Indian (2000).
12. Terence P. Stewart, *GATT Uruguay Round: Negotiating History*, Kluwer Law International (1999)
13. *Terrel on Patent*, Sweet & Maxwell (latest edition).
14. Timothy M. Swanson (ed), *Intellectual Property Rights and Biodiversity Conservation: An Interdisciplinary Analysis of the Values of Medicinal Plants*, Cambridge University Press (1995).
15. WIPO Reading Material on Intellectual Property, WIPO, Geneva.

Paper III - IPR and Computer Programs (4 credits)

Course outcomes

On completion of the course the student will be able:

CO1	To understand the role of intellectual property in the development of current technologies.	Understand
CO2	To analyse the current Indian position on the protection of computer programs	Analyse
CO3	To evaluate the best intellectual property regime to protect in computer programs	Evaluate
CO4	To evaluate the protection of computer programs in various countries.	Evaluate
CO5	To analyse whether IP is a necessary component for innovation in computer programs.	Analyse

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
CO 1	1	1	2	3	3	1
CO 2	2	2	1	3	3	1
CO 3	1	2	2	3	3	1

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CO 4	1	2	2		3	
CO 5		2		3		3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Content

Module 1: Introduction to Computer Programs-Basic concepts of computer science

– concepts, terminology and principles – distinction between computer program and software
–elements of computer program – algorithm –computer languages – method of software development – materials used for software development – literal and functional elements of computer program

Module 2: Introduction to IP Protection for computer program-Historical development of IP protection for computer software–contractual agreements–role of IBM – cases on contractual violations

Module 3: Computer program and Copyright protection-Historical development of copyright protection for computer program–concept of originality– idea-expression dichotomy – originality in computer program– look and feel – abstraction, filtration and comparison – protection of non-literal elements – the US and English case law development – fair use–TRIPS obligations–copyright protection of computer program in India – originality, rights, fairuse, remedies- how copyright protection has withered away to pave path for patent protection

Module 4: Computer program and Patent protection-Development of patent protection of computer program in the US – algorithm as patentable subject matter – patentability of computer related inventions – computer program as a ‘means to an end’ for patent protection – patenting of business methods – TRIPS obligations – patent protection for computer program in India – implications-development of artificial intelligence and role of computer program-Indian guidelines on computer program and artificial intelligence- Analysis of Indian judgments

Module 5: Alternatives to IP protection for Computer Programs -IP protection of computer program – alternatives – free software movement – legal validity of general public license agreements – patenting software and challenges to open source movement

References:

1. *Alice Corp. v. CLS Bank* (134 S. Ct. 2347 (2014))

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2. Allen B. Wagner, “Patenting Computer Science: Are Computer Instruction Writings Patentable?”, The John Marshall Journal Of Computer and Information Law, 1998.
3. Allen B. Wagner, “Patenting Computer Science: Are Computer Instructions Writings Patentable?”, 5(11) The John Marshall Journal of Computer and Information Law, 1998.
4. Daniel J. Fetterman, “The Scope of Copyright Protection for Computer Programmes: Exploring the Idea/expression Dichotomy”, 399 IPLR, 1988.
5. John Swinson, “Copyright or Patent or Both: An Algorithmic Appeal to Computer Software Protection”, 145(5), Harv.J of Law & Tech., 1991.
6. John Swinson, “Copyright or Patent or Both: An Algorithmic Appeal to Computer Software Protection”, 145(5) Harv. J of Law & Tech., 1991.
7. Julian Velasco, “The Copyrightability of Non-literal Elements of Computer Programmes”, 329(27) IPLR, 1995.
8. Jur. Strobos, “Stalling the Exclusive Patentable Software: Are there Still Diehsor Was It Just a Flook”, 363(6) Horr. J. Of Law & Tech., 1992-93.
9. Leslie Melville, “Computer Software and the Relevance of Copyright”, 354 EIPR, 1980.
10. Mark A. Lemley et. al., “Life after Bilski”, (Doctoral dissertation, University of Pennsylvania).
11. Mark A. Lemley, “The Limits of Claim Differentiation” (Stanford Law School , Public Law and Legal Theory Research Paper Series No. 1008885).
12. Pamela Samuelson *et.al*, “A Manifesto Concerning the Legal Protection of Computer Programmes”, Columbia Law Rev., 1994.
13. Paul Goldstein, “Comments on Manifesto Concerning the Legal Protection of ComputerProgrammes”, 2573 Columbia Law Rev., 1994
14. Peter S. Mennel, “Challenges of Reforming Intellectual Property Protection for Computer Programmes”, Columbia Law Rev., 1994.
15. Tanya Aplin (Ed.), *Artificial Intelligence, Big Data and Intellectual Property: Protecting Computer Generated Works in the United Kingdom, Research Handbook on Intellectual Property and Digital Technologies*, Edward Elgar Publishing Ltd, (2019).

Paper IV - Access to Information and Copyright (4 credits)

Course Outcomes

On completion of the course the student will be able:

CO 1	To understand the relevance of copyright as an instrument for protecting human rights.	Understand

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CO 2	To evaluate the existing structure of the Indian copyright regime	Evaluate
CO 3	To analyse and assess how and when new technology-based works need to be afforded copyright protection.	Analyse
CO 4	To understand the role of the different actors in the various copyright-based industries and how their interest needs to be balanced.	Understand
CO 5	To create a balanced copyright policy with the evolution of new technologies	Create

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	2		1	1
CO 2		1	2		2
CO 3	3	2	3		1
CO 4		2	1	3	1
CO 5		2		2	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Content

Module I – Evolution of Copyright-Historical origin – rationale of protection – role in fostering human rights like access to information, promotion of education, cultural life – role as a development agent

Module II – Subject matter and standard- Concept of originality –and idea/ expression dichotomy – works covered with special reference to computer programs and digital environment– challenges to traditional notions of copyright- AI generated works and Copyright

Module III – Rights and ownership-Rights – economic and moral – scope – availability in digital context; Authorship and Ownership – relation with creativity – challenges to copyright in the context of automatic transfer and AI.

Module IV – Limitations and Exception-Scope of personal use, educational use, protection of cultural life – other mechanisms to foster/ hamper access – protection of intermediaries who facilitate access.

Module V – Related rights-Relation to copyright – protection to performers – rationale and scope; protection to broadcasting organisation – rationale and scope

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– role in facilitation of access.

References:

1. *Copinger & Skone James on Copyright*, Sweet & Maxwell, (latest edition)
2. Gillian Davies, *Copyright and the Public Interest* 2nd edn, Sweet & Maxwell (2002)
3. Henning Grosse Ruse-Khan, “Access to knowledge under the international copyright regime, the WIPO development agenda and the European Communities’ new external trade and IP policy”, *Research Handbook On The Future Of Eu Copyright*, E. Derclaye, ed., pp. 574-612, Edward Elgar Publishing, 2009.
4. Kenneth L. Port, *Licensing Intellectual Property in the Digital Age*, Carolina Academic Press, (1999)
5. Merges, Lemley, et.al, *Intellectual Property in the New Technological Age*, (4th Ed.) Aspen Publishers, (2007).
6. Pamela Samuelson et.al, “A Manifesto Concerning the Legal Protection of Computer Programmes”, *Columbia Law Rev.* 2308 (1994).
7. Sam Ricketson & Jane C. Ginsburg (eds), *International Copyright and Neighboring Rights-The Berne Convention and Beyond*, 2nd ed., Oxford University Press (2005)
8. Scoping study on copyright and related rights and public domain, CDIP/4/3/REV./STUDY/INF/1, CDIP/7/INF/2
9. W. R. Cornish, *Intellectual Property: Patents, Copyrights, Trademarks and Allied Rights*, Sweet & Maxwell (latest edition).

Paper V - Collective Property as Intellectual Property (4 credits)

Course Outcomes

On completion of the course the student will be able:

CO 1	To understand the concept of collective property	Understand
CO 2	To evaluate the distinction between the different forms of collective property and their rationale	Evaluate
CO 3	To understand and appreciate the present protection available to these under different forms of IP.	Understand
CO 4	To evaluate the relevance of protection of these properties to a developing country like India	Evaluate
CO 5	To create policies for better protection of collective properties from a developing country perspective.	Create

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Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
CO 1	2	1	1	1		1
CO 2	2	1	2	1	3	
CO 3	1	1		3		1
CO 4	3	2	2		3	
CO 5	2		2	3		3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Content

Module I – Notion of Collective Property-Rationale of protection – justification to include within intellectual property regime-right to common heritage and bio-diversity

Module II – Geographical Indications-Concept – scope of protection – standard and subject matter – challenges of ownership

Module III - Genetic Resources-Meaning of Genetic Resource – issues of patenting – protection through plant variety – access and benefit sharing – benefit sharing mechanism

Module IV – Traditional Knowledge- Concept – available kinds of protection – challenges of protection – issues of identifying subject matter, standards and owner – notions of prior informed consent and benefit sharing

Module V – Traditional Cultural Expressions- Concept – challenges of protection – issues of identifying subject matter, standards and owner.

References:

1. Charles R. Mcmanis (ed.), *Biodiversity and the Law-Intellectual Property, Biotechnology and Traditional Knowledge*, Earthscan (2007)
2. Chidi Oguamanam, *Intellectual Property in Global Governance: A Development Question*, Routledge, (2012)
3. ChristophAntons (ed.) *Traditional Knowledge, Traditional Cultural Expressions and Intellectual Property Law in the Asia Pacific Region*, Kluwer Max Planck Series, (2009)
4. Convention on Biological Diversity, 1992 and International Treaty on Plant

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- Genetic Resources for food and Agriculture, 2002
5. Daniel F. Robinson *Confronting Biopiracy: Challenges, Cases and International Debates*, Earthscan, (2010).
 6. Daniel F. Robinson, Ahmed Abdel-Latif, Pedro Roffe (eds.), *Protecting Traditional Knowledge-The WIPO Intergovernmental Committee on Intellectual Property and Genetic Resources, Traditional Knowledge and Folklore*, Routledge (2017).
 7. Documents of Inter-Governmental Committee, WIPO on TK & TCE protection, WIPO. Geneva.
 8. Dutfield and Posey, *Beyond Intellectual Property: Toward Traditional Resource Right for Indigenous Peoples and Local Communities*, IDRC, (1996).
 9. FAO, *The State of World's Plant Genetic Resources for Food and Agriculture*.
 10. Geoff Tansey and TasmineRojotte (Eds.), *The Future Control of Food: A Guide to International Negotiations and Rules on Intellectual Property*, Earth Scan, London (2008).
 11. Gerald Moore and WitoldTimousky, *Explanatory Guide to the International Treaty on Plant Genetic Resources for Food and Agriculture*, IUCN, Gland, Switzerland and Cambridge, (2005).
 12. Graham Dutfield, *Intellectual Property Rights, Trade and Biodiversity*, Earthscan Publications Ltd, London (2000).
 13. Graham Dutfield, *Intellectual Property Rights, Trade and Biodiversity*, Earthscan.
 14. J. E. Penner, *The Idea of Property in Law*, Clarendon Press, Oxford (1997), Kemal Baslar, *The Concept of Common Heritage of Mankind in International Law*, MartinusNijhoff Publishers, (1998).
 15. Jonathan Curci, *Protection of Biodiversity and Traditional Knowledge in the International Law of Intellectual Property*, Cambridge University Press, (2010).
 16. Michael I. Jeffery *et.al* (Eds.), *Biodiversity Convention, Law and Livelihood, Bridging the North South Divide*, IUCN Academy of Environmental Law Research Studies, IUCN, (2002).
 17. Patricia Lucia Marin, *Providing Protection for Plant Genetic Resources: Patents, Sui Generis Systems and Bio-Partnerships*, Kluwer Law International (2001).
 18. Silkevonn Lewinski (ed.) *Indigenous Heritage and Intellectual Property: Genetic Resources, Traditional Knowledge and Folklore*, Kluwer Law International, (2008)
 19. UNESCO/WIPO Model Provisions for Protection of Folklore/ Cultural Expressions

COCHIN UNIVERSITY OF SCIENCE AND



TECHNOLOGY

5 yr LL.M (IPR) Ph.D. Course

Regulation, Scheme & Syllabus – 2025

[For 2025 - 26 Admission onwards]

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5 YEAR LL.M. (IPR) Ph.D. REGULATION, SCHEME AND SYLLABUS

FACULTY OF LAW

(Effective from 2025-2026 Admission onwards)

(Credit System)

REGULATIONS

The 5 year integrated LL.M. (IP) Ph.D program offered by the Inter University Centre for IPR Studies, CUSAT is with specialization in Intellectual Property Rights. The name of the programme shall be **LL.M. (IPR) Ph.D.**

On successful completion of the LL.M. portion, a Degree Certificate with Masters of Laws in Intellectual Property Rights shall be issued. Further, those who successfully complete the Ph.D. portion shall be awarded a degree of Doctor of Philosophy from the Faculty of Law.

I. *Admission to the Course*

- i. Candidates for admission to the integrated 5 year Master of Laws (Intellectual Property Rights), Ph.D. Programme shall be required to have passed the Bachelor's Degree examination in Law (LL.B. 3 year or Integrated 5 Year LL.B. programme) with 50% from any of the Universities in Kerala or an examination of any other recognised University. Scheduled Castes/Scheduled Tribe candidates are eligible for relaxation admissible under the orders of the Government.
- ii. The reservation rules governing admission to Masters Programs shall be as per the Reservation Rules for admission of CUSAT. The reservation rules governing registration to PhD as part of integrated 5-year LLM (IPR) PhD shall be as per the Reservation Rules for admission of CUSAT.
- iii. Admission to the course shall be based on the performance of the candidate at the Common Admission Test (CAT).
 - i. The CAT shall consist of two parts as given below:
 - a) Part I – Proficiency in English and GK and analytical reasoning and research capability.
 - b) Part II – Objective type questions covering compulsory papers in Law as prescribed by Bar Council of India and Intellectual Property Rights, in the ratio 4:1.
 - ii. Rank list for admission to the course shall be prepared on the following

basis:

Part I of CAT: 80% weightage

Part II of CAT: 20 % weightage

- iv. Matters concerning admission procedure, number of seats, payment of fees, etc., will be prescribed by the authorities and published in the prospectus for the course from time to time.
- v. No candidate may progress to the Ph.D. programme unless they have successfully completed LL.M (IPR) of the LL.M (IPR) Ph.D. programme with at least a CGPA of 6.5 points (65% marks) in the first attempt. Relaxation of eligible marks as per government rules for reserved category students shall be allowed.

II. DURATION AND CONTENTS OF THE COURSE

- i. The five year integrated course for the LL.M (IPR) Ph.D Degree of the University is for a minimum of five academic years consisting of ten semesters. Each semester will be of 16 to 18 weeks of teaching followed by University Examination, except the last 2 semesters. The candidates may take more time beyond the tenth semester for the submission of the thesis and completion of the course, during which time they will not be eligible for any Scholarship. However, the candidate shall complete the course within a maximum period of seven years, or as permitted by the Ph.D. Regulations of the University.
- ii. A candidate shall, in the course of ten semesters, undergo instruction in Core and Elective Courses consisting of 144 credits as follows:

Semester	Title of the Course	Nature of the Courses	Credits
First	1. Law and Social Transformation	Core	4
	2. Research Methodology and Design of Blueprint of Curriculum	Core	4
	3. Intellectual Property – General Principles, Nature and Content	Core	4
	4. Collective Property as Intellectual Property	Core	4
	5. Seminar Course – I	Core	4

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Total for Semester I			20
Second	1. Theories of Law and Justice	Core	4
	2. Quantitative Analysis	Core	4
	3. Intellectual Property Rights – The Social Relevance	Core	4
	4. IPR and Competition Law	Core	4
	5. Seminar Course – II	Core	4
	6. Dissertation Proposal Defence	Core	4
Total for Semester II			24
Third	1. Acquisition of Intellectual Property: International Aspects	Core	4
	2. WTO Dispute Settlement and TRIPS Agreement	Core	4
	3. Dissertation Progress Review	Core	4
	4. Elective – I	Elective	4
	5. MOOC	Elective	4
Total for Semester III			20
Fourth	1. TRIPS and Access to Medicine	Core	4
	2. IP and Technology	Core	4
	3. Dissertation including Viva Voce	Core	8
Total for Semester IV			16
Total for Semesters I to IV			80
Fifth	1. Course Work I -Broad Area of Research	Core	4
	2. Course Work II Specific Area of Research	Core	4
	3. Course Work III- Research Methodology	Core	4
	4. Course Work IV-Research and Publication Ethics	Core	2
	5. Course Work -V Literature Review and Defence of Research Proposal	Core	4
Sixth	1. Ph.D Course work on IPR – III	Core	8
	2. Ph.D Course work on IPR – IV	Core	8

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Seventh	1. Ph.D Course work on IPR – V	Core	8
	2. Ph.D Course work on IPR – VI	Core	8
Eighth	1. Ph.D Course work on IPR – VII	Core	8
	2. Ph.D Course work on IPR – VIII	Core	8
Ninth & Tenth	Ph.D Thesis on IPR	-	-
Total for Semesters V to X			66
Grand Total			146

III. ATTENDANCE

A minimum of 80% of attendance in aggregate is compulsory for writing the end semester examination. During the first four semesters, attendance shall carry marks in each course as part of continuous evaluation. The breakup of the same is as follows.

Attendance	81% - 84% - 1 mark
	>84% - 88% - 2 marks
	>88% - 92% - 3 marks
	>92% - 96% - 4 marks
	>96% - 100% - 5 marks

IV. EXAMINATION AND EVALUATION

- i. The evaluation of all the courses other than Ph.D. thesis is internal and by the teacher/s offering the courses.
- ii. The **evaluation scheme for the first four semester**, excluding Seminar Course and Dissertation, contains two parts, a Continuous Assessment and Semester End examination. Equal weightage shall be given for the continuous Assessment and the semester End Components.
 - i. **Continuous assessment** shall be based on an overall assessment of the performance of the student during the semester, such as performance in

the test papers and home assignment, participation in the class discussions, seminars and regularity in attendance.

Attendance	5 Marks
Test Papers (Average Marks of Two Test Papers)	15 Marks
Assignment Presentation	10 Marks
Assignment Written Submission	10 Marks
Class Participation	10 Marks
Total	50 Marks

- ii. The **End Semester Examination** will be of 3 hours duration covering the entire syllabus of the course and based on a schedule as notified by the University
- iii. There shall be a **Seminar Course** carrying 100 marks, each, for the first two semesters by way of internal assessment. Evaluation for the Seminar Course shall be based on presentation and discussion of recent case law/ research article/ policy documents/ etc. The criteria for evaluation is as follows:

1	Presentation	60 Marks
2	Written Submission	20 Marks
3	Comment	20 Marks
Total		100 Marks*

iv. Dissertation

- a. Dissertation is mandatory for all students and carries 16 credits in total.
- b. It shall commence shall commence from the beginning of the Second semester. The student shall identify research topic, prepare and present a synopsis by the end of the Second semester. The supervising teacher shall evaluate the synopsis and its presentation and award marks out of 100 (4 credits).

- c. At the end of the third semester there shall be a Progress presentation of the Dissertation work. The supervising teacher shall evaluate this presentation and award marks out of 100 (4 credits).
- d. Every student do a dissertation under the guidance of the course teacher assigned to him by the Faculty Council.
- e. Dissertation shall be finalized as per the format and style specified by the Centre. The Guidelines for LL.M Dissertation including the schedule of work will be issued by the Centre.
- f. The written submission (dissertation) consists of 75 marks and 25 marks for the viva voce examination.
- g. The dissertation shall be evaluated by the guide allotted to the student and another faculty of the Centre selected by the Director and approved by the Faculty Council. The final mark awarded shall be the average of the marks individually awarded by the evaluators.
- h. There shall be a viva voce examination for dissertation based on the dissertation work.
- i. The minimum grade for passing the dissertation shall be 'P'.
- j. A candidate who has failed to secure the minimum marks for the dissertation may submit, following the above, a new or revised dissertation before the commencement of the LL.M. (IPR) Ph.D. Degree examination of the next year or the year in which he proposes to sit for the examination within a period of two years from the year of completion of the course.
- k. In view of the above the students' performance may be evaluated in the following method:

Marks allotted to dissertations	75
Viva Voce	25

Total		100
	<u>Dissertation Evaluation Splitup</u>	Marks
a	Contents of Chapters	20
b	Adequacy of Materials	15
c	Language and style	5
d	Originality in writing	5
e	Conclusions	10
f	Suggestions	10
g	Footnoting & Bibliography	10
	Total	75

iii. Ph.D. Course Work – Semester 5

- a) The evaluation scheme for all papers, excluding Literature Review and Defence of Research Proposal, contains two parts, a Continuous Assessment and Semester End examination. Equal weightage shall be given for the continuous Assessment and the semester End Components.

- i. **Continuous assessment** shall be based on an overall assessment of the performance of the student during the semester, such as performance in the test papers and home assignment, participation in the class discussions, seminars and regularity in attendance.

Test Papers	20 Marks
Assignment Presentation	10 Marks
Assignment Written Submission	10 Marks
Class Participation	10 Marks
Total	50 Marks

- ii. The **End Semester Examination** will be of 3 hours duration covering the entire syllabus of the course and based on a schedule as notified by the University.

- b) The evaluation scheme for ‘Literature Review and Defence of Research Proposal’ shall be fully internal.

iv. Ph.D. Course Work – From semesters 6 to 8

- i. Ph.D. course work consists of 70 marks for written research paper and 30 marks for the seminar presentation. The research paper and the presentation of the seminar shall be evaluated by 2 members of the Doctrinal Committee, independently, and the average shall be taken as the final grade of the candidate for that particular course.
- ii. Every written submission of PhD coursework submitted shall be a research writing of 6000 – 8000 words, excluding footnotes, and should be submitted as hard copy to the office of the Centre on the date notified by the University.
- iii. Unless and until the Supervising Guide approves the research paper, the candidate shall not be permitted to submit the research paper for evaluation and seminar presentation. The date of the Seminar Presentation shall be notified by the Centre.
- iv. The identification of the topic for writing the research paper for Ph.D. course work is done by the candidates in consultation with the supervising teacher. But the collection and collation of the material have necessarily to be undertaken by the candidate as per the scheme of his/her programme. The organisation of the material and the orderly discussion with appropriate references and suggestions for improvements are to be done by the candidate himself/herself. The research methodology, generally speaking, is to be determined in consultation with the supervising teacher. The idea is to make him/her capable of researching and writing a paper on any subject of importance in his/her professional life.
- v. In view of the above, the candidates’ performance may be evaluated in the following method:

Total marks allotted to Research Paper: 70		
i	Adequacy of material	20 marks
ii	Organization of the material	10 marks
iii	Language and style	10 marks

iv	Suggestions	20 marks
v	Punctuation and footnoting	10 marks

- vi. The purpose of presentation of the paper is to make sure that the candidate has done the work independently. This is to evaluate the ability of the candidate to communicate and answer questions. In view of the above, the candidates' performance may be evaluated in the following method:

Total Marks for the Presentation: 30		
i	Content of the presentation	10 marks
ii	Organization and presentation	5 marks
iii	Answering questions	10 marks
iv	Overall impression	5 marks

v. Ph.D. Thesis

- vii. The PhD Thesis shall be finalized as per the format and style specified by the Centre from time to time.
- viii. All matters regarding thesis submission and its evaluation shall be governed by Ph.D. Regulations of CUSAT applicable to the student concerned.

V. GRADING

- a) Grades shall be awarded to the students in each course based on the total marks obtained in continuous assessment and at the end semester examination.
- b) For getting a pass in the examination the student shall secure a minimum of 40% of the aggregate marks (continuous assessment marks + semester end exam marks) with a separate requirement of minimum 40% for the semester end examination.

- c) A candidate, who secures less than 40% of marks or the equivalent grade P, in a course, shall be deemed to have failed in that course and may repeat the semester end examination of that course in the next available chance.
- d) If a student fails in the MOOC course, he/she has to repeat the same online course or do another online course with the approval of parent department as per the MOOC guidelines approved by the University from time to time.
- e) After the evaluation, grades shall be allotted to the students as per the following 10-point grading system:

% Marks (Range)	Grade point (G)	Letter Grade	Description
95 - 100	10	O	Outstanding
85 – 94.99	9	A+	Excellent
75 – 84.99	8	A	Very Good
65 – 74.99	7	B+	Good
55 – 64.99	6	B	Above Average
45 – 54.99	5	C+	Average
40 – 44.99	4	P	Pass
Below 40	F	0	Fail
Absent	Ab	0	Absent

- f) **Grade Point Average:** Overall performance at the end of the semester will be indicated by Grade Point Average (GPA) calculated as follows:

$$\text{GPA} = \frac{G_1C_1 + G_2C_2 + G_3C_3 + \dots + G_nC_n}{C_1 + C_2 + C_3 + \dots + C_n}$$

Where 'G' refers to the grade point and 'C' refers to the credit value of the corresponding course undergone by the student.

The Grade Point Average (GPA) for each semester will be calculated only for those students who have passed all the registered courses of that semester. Similarly, Cumulative Grade Point Average (CGPA) up to any semester will be calculated only for those students who have passed all the courses up to that semester.

g) The Grade Card issued at the end of the semester to each student by the Controller of Examinations, will contain the following:

- a) The code, title, number of credits of each course registered in the semester,
- b) The letter grade obtained,
- c) The total number of credits earned by the student upto the end of that semester and
- d) GPA & CGPA.

h) Classification

On successful completion of the programme, CGPA will be calculated as follows:

$$\text{CGPA} = \frac{C1 \text{ GP}1 + C2 \text{ GP}2 + C3 \text{ GP}3 + \dots + Cn \text{ GP}n}{C1 + C2 + C3 + \dots + Cn}$$

Where 'GP' refers to the grade point average (GPA) and 'C' refers to the total number of credits obtained by a student in a particular semester.

The classification based on CGPA is as follows:

First Class with Distinction (FCD)	CGPA 7.5 and above
First Class	CGPA 6 to 7.499
Second Class	CGPA 5 to 5.999

i) Conversion of GPA/CGPA to Percentage marks - The following formula shall be used to convert the CGPA obtained by a student to percentage marks.

$$\text{Percentage marks} = \text{CGPA} * 10$$

VI. GRIEVANCE REDRESSAL

- i. The marks of the end semester examination of all the students shall be published in the Notice board. If the students have any grievance with regard to the marks obtained for any course, they can make a written application within 3 days of publication of results.
- ii. The teacher concerned shall explain to the student the scheme for awarding the marks and the reasons for the same. If the grievance still persists, the student may

make a request to the Director for reconsideration within two days of consultation with the teacher concerned.

- iii. On receipt of reconsideration request, the Director, within two working days, shall place the matter before the Faculty Council, which shall be the appellate authority.
- iv. The Faculty Council shall examine the same and take a decision within seven days which has to be intimated to the student in writing. This decision shall be final.

VII. SAVE A YEAR EXAMINATION

- (i) A student who has failed in any core or elective course in the final year may make an application for a Save A Year examination as a special supplementary examination.
- (ii) This special supplementary examination will be conducted after the publication of that semester results.
- (iii) The student will be awarded the actual grade he/she obtains in the special supplementary examination.
- (iv) Those who fail in the end-semester examination/ special supplementary examination of any course may repeat the semester end examination of that course in the next available chances.

VIII. AWARD OF DEGREE

In order to become eligible for receiving LL.M. Degree in IPR the student shall have enrolled as a regular student and undergone the prescribed course of studies and completed all the tasks as specified in the curriculum. He/she should have secured minimum 40% marks or a minimum of P grade in all the courses, including dissertation with a total of **80** credits.

In order to become eligible for receiving the degree of Doctor of Philosophy under the Faculty of Law the student shall have enrolled as a regular student and

- a) Has already been awarded the LL.M. (IPR) degree under this course,
- b) Undergone the prescribed Ph.D. Course Works and should have secured minimum 40% marks or a minimum of P grade in all such course works, and
- c) Satisfy all the requirements under the Ph.D. Regulation of CUSAT applicable to the student concerned.

IX. REVISION OF REGULATIONS AND CURRICULUM

The University may from time-to-time revise, amend or change the Regulations, Scheme of examinations and the Syllabus. This Regulation shall come into effect from 2025-26 academic admission onwards.

5 Year LL.M. (IPR) Ph.D CURRICULUM AND SYLLABUS

5 Year LL.M. (IPR) Ph.D PROGRAMME SPECIFIC OBJECTIVES (PSOs)

PSO 1	To create and develop skills in understanding legal process;	Create
PSO 2	To evaluate and create a deep insight into the subject for conceptual clarity and to apply them in the day-to-day life;	Evaluate
PSO 3	To create and develop skills of the students to understand and critically analyse legal documents and literature for enhancing their research skills;	Create
PSO 4	To develop reasoning and analytical skills in policy research and equip them to contribute towards policy making;	Analyse
PSO5	To create a student community equipped in teaching law.	Create

Semester Wise Subjects and Codes

Sl. No.	Subject	Core / Elective	Subject Code	Continuing assessment	End Semester	Total	Credit
SEMESTER I							
1	Law and Social Transformation	Core	25-404-0101	50	50	100	4
2	Research Methodology and Design of Blueprint of Curriculum	Core	25-404-0102	50	50	100	4
3	Intellectual Property – General Principles, Nature and Content	Core	25-404-0103	50	50	100	4
4	Collective Property	Core	25-404-0104	50	50	100	4
5	Seminar course - I	Core	25-404-0105	100	00	100	4
Total for Semester I						500	20
SEMESTER II							
1	Theories of Law and Justice	Core	25-404-0201	50	50	100	4
2	Quantitative Analysis	Core	25-404-0202	50	50	100	4

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3	Intellectual Property Rights - The Social Relevance	Core	25-404-0203	50	50	100	4
4	IPR and Competition	Core	25-404-0204	50	50	100	4
5	Dissertation Proposal Defense	Core	25-404-0205	100	00	100	4
6	Seminar Course - II	Core	25-404-0206	100	00	100	4
Total for Semester II						600	24
SEMESTER III							
1	Acquisition of Intellectual Property: International Aspects	Core	25-404-0301	50	50	100	4
2	WTO Dispute Settlement and TRIPS Agreement	Core	25-404-0302	50	50	100	4
3	Dissertation Progress Presentation	Core	25-404-0303	100	00	100	4
4	Elective - I	Elective		50	50	100	4
5	MOOC	Elective			100	100	4
Total for Semester III						500	20
SEMESTER IV							
1	TRIPS and Access to Medicine	Core	25-404-0401	50	50	100	4
2	IP and Technology	Core	25-404-0402	50	50	100	4
3	Dissertation including Viva-Voce	Core	25-404-0403	00	100	100	8
Total for Semester IV						300	16
Total for Semester I to IV						1900	80
SEMESTER V							
1	Course work - I (Broad Area of Research)	Core	25-404-0501	50	50	100	4
2	Course work - II (Specific Area of Research)	Core	25-404-0502	50	50	100	4
3	Course work - III Research Methodology	Core	25-404-0503	50	50	100	4
4	Course work - IV Research and Publication Ethics	Core		50	50	100	4
5	Course work – V Literature Review and Defence of Research Proposal	Core	25-404-0504	100		100	2
Total for Semester V						500	18
SEMESTER VI							
1	Ph.D Course work on IPR - VI	Core	25-404-0601	100	00	100	8
2	Ph.D Course work on IPR - VII	Core	25-404-0602	100	00	100	8
Total for Semester VI						200	16

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1	Ph.D Course work on IPR - VIII	Core	25-404-0701	100	00	100	8
2	Ph.D Course work on IPR - IX	Core	25-404-0702	100	00	100	8
Total for Semester VII						200	16
Semester VIII							
1	Ph.D Course work on IPR -X	Core	25-404-0801	100	00	100	8
2	Ph.D Course work on IPR - XI	Core	25-404-0802	100	00	100	8
Total for Semester VIII						200	16
Semester IX & X							
1	Ph.D Thesis on IPR	-	-	-	-	-	-
Total for Semester V to VIII						1100	66
Grand Total						3000	146

List of Elective Courses:

Sl. No	Subject	Credit	Subject Code
1.	IPR and Computer Programs	4	25-404-0305
2.	Copyright and Entertainment Industry	4	25-404-0306
3.	Patent Law and TRIPS Agreement	4	25-404-0307
4.	Protection of Broadcasting Organisations	4	25-404-0308
5.	Protection of Traditional Knowledge	4	25-404-0309
6.	Genetic Resources and Associated Traditional Knowledge	4	25-404-0310
7.	Enforcement of Intellectual Property	4	25-404-0311
8.	Trade Secrets and Access to Medicine	4	25-404-0312

Syllabus for LL.M. (IPR) PhD Degree

Course Contents and Syllabi

The references given are inclusive. The stakeholders are expected to refer the latest decisions, legislations, international documents, books, articles case laws and other materials. In the case of books, the latest edition is expected to be referred.

CORE PAPERS

SEMESTER 1

PAPER 1. Law and Social Transformation (4 credits)

Course Outcomes

On completion of the course the student will be able:

CO1	To evaluate the function of law as an instrument of social change;	Evaluate
CO2	To analyze the role of constitutional amendments in reforming social institutions;	Analyse
CO3	To understand the role of law in protecting vulnerable groups like minorities, women and children;	Understand
CO4	To create and inculcate excellent teaching and research skills;	Create
CO5	To create and improve the legal thinking of students and refine their adjudication skills.	Create

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1		3	2	
CO 2	1	2	2		2
CO 3	3			3	
CO 4			2	3	
CO 5				3	3

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Content

Module I: Introduction -Law and Social Change-Law as an instrument of social change-Law as a product of traditions and culture-Introduction of common law system and institutions in India and the impact of received law on the Indian Social and Legal Order-Limits of Law in bringing out social change.

Module II: Constitution's Role in Social Transformation- Constitutional Amendments and social transformation- Constitutionalism-Modernisation of Social Institutions through Law-Agrarian Reforms, Industrial reforms, Economic reforms, labour law reforms-Balancing of Part III with Part IV.

Module III: Advancement of Science and Technology and Constitutional Adaptation- Constitutional protections and Advancement of Science and Technology, Digitisation and Constitution, Legislative, Executive and Judicial responses to the Advancement of Science and Technology

Module IV: Protection of Vulnerable Population- Gender Injustice and its various forms-Empowerment of Women Constitutional and Statutory Provisions-Protection against exploitation Crime against women and Legal Reform, other marginalized sections- surrogacy-abortion- children, Dalit rights

Module V: Property and Law-Definitions, Types and elements of property, Justifications of private property, Modes of Acquisition, Rights in Property, Property in the Constitution of India, Constitutional policy before and after the Forty fourth Amendment; IP as a property

References (Refer to the latest edition of all books):

1. Austin Sarat and Patricia Ewick (eds), *The Handbook of Law and Society*, Wiley Blackwell; (1st Edn, 2015).
2. Baxi, Upendra (Ed.), *Law and Poverty: Critical Essays*, Tripathi, Bombay, (1988).
3. Baxi, Upendra, *The Crisis of Indian Legal System*, Vikas Publication, (1982).
4. Bhat P Ishwara, *Law and Social Transformation*, Eastern Book Company, (2nd edn. 2022).
5. Deshta Sunil and Kiran Deshta, *Law and Menace of Child Labour*, Anmol Publications, New Delhi, 2000.
6. Duncan Derret, *The State, Religion and Law in India*, Oxford, (1999).
7. Flavia Agnes, *Law and Gender Inequality: The Politics of Women's Rights in India*, Oxford, (1999).
8. Gunasekhare Savitri, *Children, Law and Justice*, Sage Publications, (1997).
9. Indian Law Institute, *Law and Social Change: Indo-American Reflections*, Tripathi, (1988).
10. John Oliver Mendels, *Law and Social Transformation in India*, Oxford University Press, (2014).
11. Kumar Virendra, "Dynamics of Reservation Policy: Towards a More Inclusive Social Order", 50, *Journal of the Indian Law Institute*, 2007.
12. M. P. Jain. *Outlines of Indian Legal History*, Tripathi, Bombay, (1993).
13. M.P. Singh, *Constitution of India*, Eastern Book Co, Lucknow, (11th Edn. 2008)
14. Marc Galanter (Ed.), *Law and Society in Modern India*, Oxford, (1997).
15. Mariana Valverde, Kamari M. Clarke et al., (Eds) *The Routledge Handbook of Law and Society*, Routledge, (2021).
16. Sharyn Anleu, *Law and Social Change*, Sage Publishing, (2010).
17. Ved Kumari, *Offences Against Women: in Kamala Sankaran and Ujjwal Kumar Singh (ed)*

Towards Legal Literacy: An Introduction to Law in India, Oxford, New Delhi, (2008).

PAPER 2. Research Methodology and Design of Blueprint of Curriculum **(4 Credits)**

Course Outcomes

On completion of the course the student will be able:

CO1	To understand the aim, scope and significance of research;	Understand
CO2	To apply effective doctrinal as well as non- doctrinal legal research using fundamental tools of research;	Apply
CO3	To understand and develop skills to identify and formulate a research problem and design their research work;	Understand
CO4	To create Author research papers, articles, notes, case comments etc. using standard forms of legal citations;	
CO5	To understand emerging trends relevant for design for legal curriculum.	

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1		2		
CO 2	2	2			
CO 3		1		3	
CO 4	1				3
CO 5		1			3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Content

Module I: Dimensions of Research and research design- Research as a social Science and scientific research – Qualities of scientific research, meaning of research – Nature and utility of research -Pure and applied research - Value of research – Problems of objectivity in research – the research process – Multidisciplinary approach to research-Formulation of problem in

research - Hypothesis, their nature and role – Concepts and their role in investigation - Research design.

Module II: Doctrinal Research- Doctrinal research - Data collection – Doctrinal sources – Primary and secondary sources — Case study method – Observation and interview - Case books – writings – International documents – Judgments of international bodies and superior courts of different countries—Legislation – Statutory instruments and Judicial decisions.

Module III: Non- Doctrinal Research -Non-doctrinal research - empirical research – census method of data collection – Sampling methods and techniques – random sampling – systematic sampling – stratified sampling – optimum sampling – Different methods for collection of data – interview, preparation of questionnaires

Module IV: Legal Writing -Research Report & Proposals– Style of presentation –Legal Writing – articles, book reviews and case comments - Citation Models – use of definitions, maxims, concepts, principles and doctrines.

Module V: Design of Blue Print for Curriculum -Design of Law Curriculum – Efforts to review Legal Education -Global & India - Traditional Content based Curriculum -Current Challenges Globalisation, Pandemic & Shift from Adversarial to Dispute Resolution Model - Transition to Capability framework- Integrated Models with Transferable generic and legally specific skills for Legal Profession Demand for Competitiveness in Information & Communication Technology – New Evaluation & Assessment Models– Role of Online teaching.

References (Refer to the latest edition of all books):

1. Erwin C. Surrency *et. al.*, *A Guide to Legal Research*, Oceanea Publications, (1966).
2. *Evaluation Reforms in Higher Education Institutions*, UGC, (2019).
3. H.M. Hyman, *Interviewing in Social Research*, University of Chicago, (1965).
4. *Legal Research and Methodology*, ILI Publication, (2001)
5. Manheim, *Sociological Research: Philosophy and Methods*, Doresy Press, (1997).
6. Morris L. Cohan, *Legal Research in Nutshell*, West Publishing Co., (1996).
7. Morris L. Cohen, *How to Find the Law*, University of Michigan, (1989).
8. Payne, *The Art of Asking Questions*, Princeton University Press, (1980).
9. Peter Goodrich, *Reading the Law*, B. Blackwell, (1986).
10. Peter W. Martin, *Introduction to Basic Legal Citation*, (online ed. 2010) available at <http://www.law.cornell.edu/citation/>
11. Philip Whitehead and Anne Matthewman, *Legal Writing and Research Manual*, Lexis Nexis, Butterworths, (2004).
12. S. K. Verma and Afzal Wani, *Legal Research Methodology*, ILI, New Delhi, 2nd edn., (2001).
13. Sally Kift, *A Tale of Two Sectors: Dynamic Curriculum Change for a Dynamically*
14. *The Blue Book: A Uniform System of Citation*, Harvard Law School, (21st edn., 2020) available at <https://www.legalbluebook.com/>.
15. *The Blue Book: A Uniform System of Citations*, Havard Law Review Association, (2000).
16. Victor Tunkel, *Legal Research*, Blackstone Press, (1992).
17. William J. Grade and Paul K. Hatt, *Methods in Social Research*, Mc Graw-Hill Book Company, London (1952).
18. Young P.V. and Schmid C.F., *Scientific social surveys and research: An introduction to the background, content, methods, principles and analysis of social studies*, (4th edn.,1966).

PAPER 3. Intellectual Property – General Principles, Nature and Content (4 Credits)

Course Outcomes

On completion of the course the student will be able:

CO1	To understand the basic property justifications of intellectual property;	Understand
CO2	To evaluate the foundational underpinnings of different forms of IP;	Evaluate
CO3	To understand the international legal framework of various IP regimes;	Understand
CO4	To analyse the evolving new dimensions in the field applying the basic standards covered in the course;	Analyse
CO5	To critically analyse the necessity in evolving an independent Indian philosophy pertaining to IP.	Analyse

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	1	2		2
CO 2	3	1	3	2	
CO 3	1	2			1
CO 4	2	2	1		
CO 5	3		3		

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Content

Module I: Theoretical Justification of Intellectual Property

Theoretical justification for protection of IP – theories of private property with special reference to IP – Marxian theory on private property and IP – Indian/Gandhian theories on

private property and IP - constitutional right to property and IP

Module II: Introduction to different forms of IP and Concept, Standards and Subject Matter of Copyright

Introduction to different forms of IP: The concept of copyright, patent and trademark, geographical indication of goods and traditional knowledge – the conceptual differences and the differences in the scope and extent of protection and in the standards required for protection for different forms of IP and its implications. Concept, Standards and Subject Matter of copyright: The test of originality – idea/expression dichotomy –the problems created by digitization in determining the standards – subject matter of copyright protection and term of protection – performers rights and neighbouring rights scope and extent of protection including the term of protection.

Module III: Introduction to Patents: Concept, Standards, and Subject Matter of Patents

Patentable inventions – patentability standards – test of novelty, inventive step and commercial utility and their significance – standards of patentability in the changing technological context – scope and extent of protection including the term of protection

Module IV: Introduction to Trademarks: Need for common law and statutory Protection of Trademarks-Trademark – the concept of distinctiveness – relevance of confusion and deception – common law and statutory requirements for protection – the changing scenario of marketing and the changing demands for trademark protection.

Module V: Collective forms of Intellectual Property: An introduction to the concept of GI and Traditional Knowledge -The nature of property under geographical indications and traditional knowledge and its difference from other forms of IP – geographical indications – meaning – requirements for protection and the nature of property rights – difference from the western concept of exclusivity – traditional knowledge – types of TK – possibility of independent status as IP – difference from other forms of IP – the issue of defining the standards for protection and the nature of property right foundation.

References (Refer to the latest edition of all books):

1. Bhalla R.S., *The Institution of Property: Legally, Historically and Philosophically Regarded*, Eastern Book Co., (1984).
2. Copinger WA, James ES, *Copinger and Skone James on Copyright*, Sweet & Maxwell, (2011).
3. Ford Laura R., *The Intellectual Property of Nations: Sociological and Historical Perspectives on a Modern Legal Institution*, Cambridge University Press (2021)
4. Ganguli Prabuddha, *Geographical Indicators, its Evolving Contours*, MIVRDC, World Trade Centre, Mumbai, (2009).
5. Hegel G.W.F., *The Philosophy of Rights*, Cosimo Inc., (2008).
6. Hudson Emily, *Drafting Copyright Exceptions* (Cambridge Intellectual Property and Information Law, Series Number 51) Reprint Edition (2022)
7. Locke John, *Two treatises of government*, (Ed.), Peter Laslett, Cambridge, (1988).
8. Loren Lydia Pallas and Joseph Scott Miller, *Intellectual Property: Cases & Materials*, Semaphore Press, Inc. (2021)
9. M. K. Gandhi, *The essential writings*, (Ed.) Oxford University Press, (2008).
10. M.K.Gandhi, *Village Swaraj*, Navajivan Publishing house, (1963).

11. Marx Karl, *Private Property and Communism*, Hackett Publishing CO., (1844);
12. Marx Karl, *Wage, Labour and Capital*, Kessinger Publications, (1847).
13. Mellor, Edward James Wilson, *et al.*, *Kerly's law of trademarks and trade names*. London: Sweet & Maxwell, (2011).
14. Merges Robert P., *Justifying Intellectual Property*, Harvard University Press, 2011.
15. Nair Latha R. and Rajendra Kumar, *Geographical Indications: A Search for Identity*, Butterworths, Wadhwa, (2005).
16. Nicholas Beams, *The Alienation of Labour*, University of Tasmania, (1844).
17. Penner, *The Idea of Property in Law*, Clarendon Press, Oxford (1997).
18. Reto Hilty, Jyh-An Lee, Kung-Chung Liu, *Artificial Intelligence and Intellectual Property*, Oxford University Press (2021)
19. Silke von Lewinski (Ed.), *Indigenous Heritage and Intellectual Property: Genetic Resources, Traditional Knowledge and Folklore*, Kluwer International, (2008).
20. Terrell, T. and Thorley, S., *Terrell on the Law of Patents*, Sweet & Maxwell, (2000).

Paper 4. Collective Property as Intellectual Property (4 credits)

Course Outcomes

On completion of the course the student will be able:

CO 1	To understand the concept of collective property	Understand
CO 2	To evaluate the distinction between the different forms of collective property and their rationale	Evaluate
CO 3	To understand and appreciate the present protection available to these under different forms of IP.	Understand
CO 4	To evaluate the relevance of protection of these properties to a developing country like India	Evaluate
CO 5	To create policies for better protection of collective properties from a developing country perspective.	Create

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
CO 1	2	1	1	1		1
CO 2	2	1	2	1	3	

CO 3	1	1		3		1
CO 4	3	2	2		3	
CO 5	2		2	3		3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Content

Module I – Notion of Collective Property-Rationale of protection – justification to include within intellectual property regime-right to common heritage and bio-diversity

Module II – Geographical Indications-Concept – scope of protection – standard and subject matter – challenges of ownership

Module III - Genetic Resources-Meaning of Genetic Resource – issues of patenting – protection through plant variety – access and benefit sharing – benefit sharing mechanism

Module IV – Traditional Knowledge- Concept – available kinds of protection – challenges of protection – issues of identifying subject matter, standards and owner – notions of prior informed consent and benefit sharing

Module V – Traditional Cultural Expressions- Concept – challenges of protection – issues of identifying subject matter, standards and owner.

References: (Refer to the latest edition of all books):

1. Charles R. Mcmanis (ed.), *Biodiversity and the Law-Intellectual Property, Biotechnology and Traditional Knowledge*, Earthscan (2007)
2. Chidi Oguamanam, *Intellectual Property in Global Governance: A Development Question*, Routledge, (2012)
3. Christoph Antons (ed.) *Traditional Knowledge, Traditional Cultural Expressions and Intellectual Property Law in the Asia Pacific Region*, Kluwer Max Planck Series, (2009)
4. Convention on Biological Diversity, 1992 and International Treaty on Plant Genetic Resources for food and Agriculture, 2002
5. Daniel F. Robinson *Confronting Biopiracy: Challenges, Cases and International Debates*, Earthscan, (2010).
6. Daniel F. Robinson, Ahmed Abdel-Latif, Pedro Roffe (eds.), *Protecting Traditional Knowledge-The WIPO Intergovernmental Committee on Intellectual Property and Genetic Resources, Traditional Knowledge and Folklore*, Routledge (2017).
7. Documents of Inter-Governmental Committee, WIPO on TK & TCE protection, WIPO. Geneva.

8. Dutfield and Posey, *Beyond Intellectual Property: Toward Traditional Resource Right for Indigenous Peoples and Local Communities*, IDRC, (1996).
9. FAO, *The State of World's Plant Genetic Resources for Food and Agriculture*.
10. Geoff Tansey and TasmineRojotte (Eds.), *The Future Control of Food: A Guide to International Negotiations and Rules on Intellectual Property*, Earth Scan, London (2008).
11. Gerald Moore and WitoldTimousky, *Explanatory Guide to the International Treaty on Plant Genetic Resources for Food and Agriculture*, IUCN, Gland, Switzerland and Cambridge, (2005).
12. Graham Dutfield, *Intellectual Property Rights, Trade and Biodiversity*, Earthscan Publications Ltd, London (2000).
13. Graham Dutfield, *Intellectual Property Rights, Trade and Biodiversity*, Earthscan.
14. J. E. Penner, *The Idea of Property in Law*, Clarendon Press, Oxford (1997), Kemal Baslar, *The Concept of Common Heritage of Mankind in International Law*, MartinusNijhoff Publishers, (1998).
15. Jonathan Curci, *Protection of Biodiversity and Traditional Knowledge in the International Law of Intellectual Property*, Cambridge University Press, (2010).
16. Michael I. Jeffery *et.al* (Eds.), *Biodiversity Convention, Law and Livelihood, Bridging the North South Divide*, IUCN Academy of Environmental Law Research Studies, IUCN, (2002).
17. Patricia Lucia Marin, *Providing Protection for Plant Genetic Resources: Patents, Sui Generis Systems and Bio-Partnerships*, Kluwer Law International (2001).
18. Silke von Lewinski (ed.) *Indigenous Heritage and Intellectual Property: Genetic Resources, Traditional Knowledge and Folklore*, Kluwer Law International, (2008)
19. UNESCO/WIPO Model Provisions for Protection of Folklore/ Cultural Expressions

SEMETER II

PAPER 1. Theories of Law and Justice (4 credits)

Course Outcomes

On completion of the course the student will be able to:

CO1	To understand the meaning, nature, essentials and objectives of law with an in-depth understanding of legal theories and concept of justice	Understand
CO2	To apply and critically engage with the theoretical background of legal decisions and contemporary legal issues in the context of social and individual rights	Apply
CO3	To create the skill to pursuing interdisciplinary approaches to their legal research	Create

CO4	To understand and critically reflect upon the key debates about the formation and operation of law	Understand
CO5	To analyse processes that shape and influence law, and the functioning of legal systems and institutions	Analyse

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1	3	3	2	2
CO 2	1	2	1	1	2
CO 3	3	3	3		1
CO 4	3	2	2	3	2
CO 5		2			3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Content

Module I: Interrelation between Law and Justice -Evolution of concept of law- the relation of justice to law and ethics-Justice as liberty, equality, justice as fairness, Legal Theories - natural law theories - historical development in ancient, medieval and renaissance period - positivism and analytical theories of law- analytical positivism-Austin's theory of law - pure science of law - Kelson's theory- positivism- Hart on analytical positivism – influence on Indian legal system.

Module II: Natural law and its revival -Law and morals – Mill's view on morality – Hart on natural law- Fuller and morality of law- Finnis and restatement of natural law- Hart-Fuller; Hart-Devlin and Hart-Dworkin debates

Module III: Sociological jurisprudence -Roscoe Pound's theory of social engineering -theory of interest- Laswell and Mcdaugal, Parsons, Selznick – Ihering, Max Weber, Durkheim, Ehrlich - Unger and the development of modern law –Historical and Anthropological theories-the German Historical School -Savigny and Volkgeist- the English Historical School - Sir Henry Maine Legal Realism- Idealism- Kant & Hegel - Feminist and Marxist jurisprudence

Module IV: Concept of rights -Theorizing Classification and categorisation of rights – constitutional rights -unenumerated rights - correlation of rights with duties - Hohfeld's analysis - human rights - justice and theories - Rawlsian theory of justice Amartya Sen and the concept of justice- Robert Nozik and the minimal state concept- distributive justice

Module V: Concept of individual and social justice in the Indian context -Constitution and social justice Law and the downtrodden: - access to justice - legal aid to the poor and indigent, -judicial activism and public interest litigation Art 39 A.

References: (Refer to the latest edition of all books):

1. Barden Garrett and Tim Murphy, *Law and Justice in Community*, Oxford University Press, (2010)
2. Baxi U, (Ed.) *Law and Poverty: critical essays*, NM Tripathi, (1988).
3. Baxi U, *The Crisis of the Indian Legal System: Alternatives in Development Law*, Stranger Journalism, (1982).
4. Bhattacharya S., *Rabindranath Tagore: An interpretation*. Penguin Books, India, (2011).
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6. Dias, Reginald Walter Michael, *Jurisprudence*, Chicago press, (1976).
7. Fitzgerald and Patrick John (Eds.), *Salmond on Jurisprudence*, Sweet & Maxwell, (1966).
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9. Friedman W., *Legal Theory*, Universal Law Publishing Co-Pvt. Ltd, (2nd edn., 1949).
10. Friedmann W, *Law in a Changing Society*, University of California Press, (2020).
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12. Hart H. L.A., *The Concept of Law*, Oxford University Press, (2012).
13. Hart, H.L.A., *Law, Liberty, and Morality*, Stanford University Press, (1963).
14. Holand R.W.M., *The Elements of Jurisprudence* Universal law Publishing Co Pvt. Ltd, (2001).
15. J. W. Harris, *Legal Philosophies*, Oxford University Press, (1980).
16. Kelsen, Hans. "Pure Theory of Law and Analytical Jurisprudence", 55 Harv. L. Rev. 1941, p 44
17. Lon Luvois Fuller, *The Morality of Law*, Yale University Press, New Haven, (1964).
18. Pound Roscoe, *An Introduction to the Philosophy of Law*, Yale University Press, (Revised Edn. 1954).
19. Ratnapala Suri, *Jurisprudence*, Cambridge University Press, (2016).
20. Rawls John, A *Theory of Justice*, Oxford: Clarendon Press, (1972).
21. Roscoe Pound, "Law and Morals -- Jurisprudence and Ethics", 23 N.C. L. Rev. 185 (1945). Pound Roscoe, *The Ideal Element in Law*, Liberty Fund, (2012).
22. Sen Amartya, *The Idea of Justice*, Penquin Books, India, (2010).
23. Sivaramayya B., *Inequalities and the Law*, Eastern Book Company, Lucknow, (1984).
24. Wacks, R, *Understanding Jurisprudence: An Introduction to Legal Theory*, Oxford University Press, (2020).
25. Wayne Morrison, *Jurisprudence from the Greek to Post-Modernism*, Routledge-Cavendish (1995)

PAPER 2. Quantitative Analysis (4 credit)

Course Outcomes

On completion of the course the student will be able:

CO1	To understand various statistical tools and methods of legal research;	Understand

CO2	To understand and identify the appropriate statistical analyses for specific research questions;	Understand
CO3	To apply fundamental statistical analyses;	Apply
CO4	To evaluate the conclusions of the statistical analyses;	Evaluate
CO5	To create appropriate graphical representation model for analysed data;	Create

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1	2	2	3	2
CO 2		2			3
CO 3	1	1	2	3	
CO 4		2	2	2	3
CO5	1		3		3

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Content

Module I: Introduction-Statistics in law and social science, descriptive, predictive, and causal inference, samples and populations concepts of statistical population and sample. Data: quantitative and qualitative, attributes, variables, scales of measurement - nominal, ordinal, interval and ratio.

Module II: Descriptive Statistics -Descriptive Statistics, Frequency distribution, Cross-tabulations, Chi-square test, Data visualisation, pie chart, bar chart, histogram, frequency curve, frequency polygon, boxplot, plotting bivariate data, p-p plot, q-q plot, stem and leaf plot application in empirical legal research.

Module III: Measures of Central Tendency-Mean, Median, Mode, Harmonic Mean, Geometric Mean, Weighted Average. Measures of Dispersion: range, quartile deviation, mean deviation, standard deviation, coefficient of variation, skewness and kurtosis- application in empirical legal research.

Module IV: Data Analysis-Univariate analysis, Bivariate Analysis, Correlation, Scatter Diagram, Simple, Partial and Multiple Correlation (3 variables only), Spearman Rank correlation, Simple linear regression- application in empirical legal research.

Module V: Probability, Conditional Probability, events, simple and compound events, Baye's Theorem, Random variables: Basic definitions, discrete and continuous random variables, Probability distributions: Normal, Poisson and Binomial distributions application in empirical legal research.

References (Refer to the latest edition of all books):

1. Albright, S.C. and Winston, W.L., *Business Analytics: Data Analysis and Decision Making*, Cengage Publications, (6th edn. 2017).
2. David Freedman et. al., *Statistics*, W.W. Norton & Company, New York, (4th edn. 2007).
3. Ghosh B.N, *Scientific Method and Social Research*, Sterling, New Delhi, (2011).
4. Goon A.M. et. al., *Fundamentals of Statistics*, The World Press, Kolkata, (Vol. I& II, 8th edn., 2002)
5. Imai, Kosuke and Bougher, Lori D. *Quantitative Social Science: An Introduction in Stata*, Princeton University Press, United Kingdom (2021).
6. Jack Levin and James Alan Fox, *Elementary Statistics in Social Research*, (12th edn., 2013).
7. Jack Levin and James Alan Fox, *Elementary Statistics in Social Research*, 9th edn, (Eds.) Allyn et. al., Longman, (9th edn., 2002).
8. Kothari, D P. and Dubey, Umesh Kumar B. *Research Methodology: Techniques and Trends*. United States: CRC Press, (2022).
9. Kranzler, *Statistics for the Terrified*, Prentice-Hall, (3rd edn. 2002).
10. Levin J., *Elementary statistics in social research*. Pearson Education India, (12th edn., 2006).
11. Miller, I. et. al., *John E. Freund's Mathematical Statistics with Applications*, Pearson Education, Asia, (7th edn., 2006).
12. Mood, A.M. et. al., *Introduction to the Theory of Statistics*, Tata McGraw-Hill Pub. Co. Ltd, (Reprint), (3rd edn, 2007).
13. Narayanamoorthi Vikraman, *Text Book of Quantitative Techniques*, Independently Published, (2021)
14. Roger E. Kirk, *Statistics: An Introduction*, Thomson Wadsworth Publication, (5th edn., 2008).
15. Stockemer, Daniel. *Quantitative Methods for the Social Sciences: A Practical Introduction with Examples in SPSS and Stata*. Springer International Publishing, Germany, (2018).

PAPER 3. Intellectual Property Rights - The Social Relevance (4 Credits)

Course Outcomes

On completion of the course the student will be able to:

CO1	To understand the social relevance and the impact of IPR on the society	Understand
CO2	To evaluate the importance of developing an Indian	Evaluate

	philosophical as well as economical foundation in IPR policy making	
CO3	To analyse the politics that plays in the international negotiations and legal frameworks	Analyse
CO4	To analyse the lacunae in the current policy making in the international as well as national scale.	Analyse
CO5	To analyse the factors influencing the drafting of policy frameworks in IPR.	Analyse

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1	2		2	3
CO 2	1	3	1	1	2
CO 3	2	2	1		3
CO 4		3	3	1	
CO 5	1	2	2	1	2

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Content

Module I: Introduction to the International Framework on IP-Internationalization of IP protection – TRIPS Agreement – basic principles and minimum standards – limits of one-size-fit for all – flexibilities under TRIPS – international politics in norm settings for IP protection - concerns of India

Module II: Role of IP in Development-Development and IP protection – lessons from the west – economic foundations of IP in the Western and Indian context- policy concerns in the Indian context – IP and transfer of technology – IP and competition – IP and foreign direct investment – Indian economy and IP protection

Module III: IP Rights and Access to IP products -Access to IP products – nature of exclusive rights and its impact on access – the significance of limitations and exceptions to IP rights and the concept of exhaustion of rights and parallel imports

Module IV: Changing Nature of IP in the context of Emerging Technologies Challenges to different forms of IP posed by emerging technologies and the possible solutions – digital technology, internet, Artificial Intelligence and biotechnology

Module V: Limitations of IP: Alternatives to the IP system

Alternatives to IP – open-source movement – general public licence – creative commons– open-source drug discovery – limits

References (Refer to the latest edition of all books):

1. Christopher May & Susan K. Sell, *Intellectual Property Rights: A Critical History*, Lynne Rienner Publications, (2005).
2. Daniel J. Gervais, *The Future of Intellectual Property*, Edward Elgar Publishing, USA (2021).
3. David J. Teece, *The Transfer and Licensing of Know-how and Intellectual Property*, World Scientific, (2008).
4. Eechoud, Mireille M. M. van, *Choice of Law in Copyright and Related Rights: Alternatives to the Lex Protectionis*, Kluwer Law International, Netherlands, (2003).
5. Gustavo Ghidini, *Intellectual Property and competition Law: The Innovation Nexus*, Edward Elgar, (2006).
6. John Odell (ed.), *Negotiating Trade: Developing Countries in the WTO and NAFTA*, Cambridge University Press, (2006).
7. Lindberg, Van, *Intellectual Property and Open Source: A Practical Guide to Protecting Code*, O'Reilly Media, United States, (2009).
8. Martha Buskirk, *Is It Ours?: Art, Copyright, and Public Interest*, University of California Press; First edition (2021)
9. Meeker, Heather J., *The Open-Source Alternative: Understanding Risks and Leveraging Opportunities*, Germany: Wiley, (2008).
10. Metzger Axel, *Free and Open Source Software (FOSS) and Other Alternative License Models: A Comparative Analysis*, Springer International Publishing, Germany, (2015).
11. Odagiri et. al., *Intellectual Property Rights, Development, and Catch Up*, Oxford University Press, (2010).
12. Pierre Kobel, Pranvera Këllezi, Bruce Kilpatrick, *Competition Law Analysis of Price and Non-price Discrimination & Abusive IP Based Legal Proceedings* (LIDC Contributions on Antitrust Law, Intellectual Property and Unfair Competition) Springer; 1st ed. (2021)
13. Susan K. Sell, *Private power, Public Law: The Globalisation of IPR*, Cambridge University Press, (2006).
14. Susan Sell et.al, *Who Governs the Globe?*, Cambridge University Press, (2010).
15. Vanni Amaka and Srividhya Ragavan, *Intellectual Property Law and Access to Medicines: TRIPS Agreement, Health, and Pharmaceuticals*, Taylor & Francis, United Kingdom, (2021).

PAPER 4. IPR and Competition Law (4 –Credits)

Course Outcomes

On completion of the course the student will be able:

CO1	To understand the basic philosophy of competition regime and IP regime	Understand

CO2	To analyse the anti-competitive practices in Intellectual Property regime	Analyse
CO3	To analyse how the anti-competitive practices work within the IP regime	Analyse
CO4	To understand the functioning of the different agencies that ensures this balance	Understand
CO5	To create and develop policies to minimize the friction between the two regimes	Create

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
CO 1	3	2	1		1	2
CO 2	3	1		2	1	1
CO 3	3	2	1	3		1
CO 4	2	2		2	3	
CO 5	3	2	1			3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Content

Module I – Basic Concepts of Competition Law-Philosophy and objectives of Competition Law – Models of Competitive Market – Different Types of Economic Efficiencies – Interface between IP – philosophical convergence and divergences – role in society.

Module II – Anti-competitive Agreements-Meaning – vertical and horizontal agreements – assessment through Appreciable Adverse Effect on Competition in the Market – Determination of Relevant Market – mechanism within IP regime to prevent anti-competitive agreements.

Module III – Abuse of Dominance-Dominance in the Market – identification of Relevant Market – Abusive Conducts under Competition regime – Dominance and relation with IP – mechanism within IP regime to mitigate abuse of dominance.

Module IV – Combinations-Merger, Acquisition, Amalgamation and Takeover – Horizontal, Vertical and Conglomerate Mergers – Regulations within Competition regime – mechanisms within IP regime – impact on public interest.

Module V – Enforcement Agencies-Role of CCI in adjudicating disputes – Comparison with other jurisdictions – adequacy of mechanisms within IP laws – Competition adjudication policy and its implications for IPR.

References (Refer to the latest edition of all books):

1. Claus-Dieter Ehlermann and Isabela Atanasiu (eds), *European Competition Law Annual:2005 The Interaction between Competition Law and Intellectual Property Law*, Hart Publishing, (2007)
2. Gustavo Ghidini, *Innovation, Competition and Consumer Welfare in Intellectual Property Law*, Edward Elgar, (2010)
3. Josef Drexler, *Research Handbook on Intellectual Property and Competition Law*, Edward Elgar, (2008)
4. Katarzyna Czapacka, *Intellectual Property and the Limits of Antitrust*, Edward Elgar, (2009)
5. Sherri L. Burr, Edmund W. Kitch and Harvey S. Perlman, *Modern Intellectual Property and Unfair Competition Law*, Foundation Press, (2014).
6. Steven D. Anderman, *The interface between Intellectual Property Rights and Competition Policy*, Cambridge University Press, (2007)
7. TuThanh Nguyen, *Competition Law, Transfer of Technology and the TRIPS Agreement*, Edward Elgar, (2010)

SEMESTER III

PAPER 1. Acquisition of Intellectual Property: International Aspects (4 Credits)

Course outcomes

On completion of the course the student will be able to:

CO1	To understand the underlying principle followed in international procedure and international registration of IPRs;	Understand
CO2	To understand the international patent application filing mechanism under PCT;	Understand
CO3	To evaluate the national phase requirements for PCT applications in India;	Evaluate
CO4	To understand the international registration procedure for trademarks envisaged in Madrid Agreement and Madrid Protocol and its extension to India;	Understand

CO 5	To understand the procedure for international protection of design under Hague Agreement and its extension to India.	Understand

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1	2	3	2	
CO 2	1	2		1	3
CO 3	2	2	1	2	
CO 4		2		1	
CO 5	3	2	1		3

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Content

Module I: International procedure and international registration -Need for international norms – justifications – difference between international procedure and international registration – implications - principles followed in international conventions - international filing – international registration – Merits and demerits.

Module II: Patent Cooperation Treaty (PCT) -Objectives - procedure –International Phase – application – international search – publication – international preliminary examination - National Phase – time limit – acts to be performed – special requirements – Merits and demerits.

Module III: National Phase application in India -Requirement and procedure Indian Patents Act - PCT application and Indian application – additional requirements for PCT applications - procedure – who can apply – examination – significance of international search and examination reports - pre and post grant oppositions – advantages for India.

Module IV: Acquisition of Trade Marks -Requirement and procedure Madrid Agreement and Madrid Protocol – purposes – differences - procedure – international application – basic application and basic registration – examination – dependency provisions – advantages and disadvantages – Indian Trade Marks Act –procedure – application - advertisement –opposition - registration – incorporation of Madrid System into Indian TM Act/statutory scheme – benefits.

Module V: Acquisition of Designs -Requirements and Procedure International protection of design – Hague Agreement concerning the international registration of industrial design – Locarno classification of Designs - procedure – application and registration - benefits - Statutory Scheme – procedure for registration -Cancellation of Design registration.

References (Refer to the latest edition of all books):

1. Adarsh Ramanujan, “Reflections of the Indian accession to the Madrid Protocol”, Vol. 13, JIPR, 2008.
2. Busso Bartels, “PCT and its importance to India”, Vol. 4, JIPR, 1999.
3. D P Mittal, *Supplement to Indian Patent Law and Procedure*, Taxmann Allied Services, (2003).
4. Denis Cohen, *The International Protection of Designs*, Kluwer Law International, (2000).
5. Jay Erstling, “The Patent Cooperation Treaty: At the Center of the International Patent System”, 32 William Mitchell Law Review, 2005. available at <http://open.wmitchell.edu/facsch/12>.
6. Kalyan C. Kankanala, et. al., *Indian Patent Law and Practise*, Oxford University Press, (2010).
7. *Manual of Patent Office Practice and Procedure: Version 3*, Office of Controller General of Patents, Design and Trade Marks, (2019).
8. N. K. Gupta, “Information for filing international applications for patent under Patent Co-operation Treaty by Indian Applicants”, Vol. 5, JIPR, 2000.
9. Niloy Kumar Gupta, “Overview of the Indian Industrial Law and Practices”, Vol. 4, JIPR, 1999.
10. Philip Walters, *Chartered Institute of Patent Attorneys (C.I.P.A.)*, Patent Cooperation Treaty Handbook, Sweet & Maxwell, (1997).
11. Rajeev Ranjan, “PCT System and its impact on developing countries”, Vol.8, JIPR, 2003.
12. Shivnath Tripathi, “The Relevance of Pre Grant Opposition under Indian Patent Law”, available at http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2365463.
13. The Designs Act 2000 (2020) and the Design Rules 2001 (2020).
14. The Indian Patent Acts 1970, (2020). and the Indian Patent Rules 2003 (2020).
15. The PCT Applicant’s Guide available at <https://www.wipo.int/pct/en/guide/index.html>
16. The Trade Marks Act 1999 (2020) and the Trade Marks Rules 2003 (2020).
17. WIPO “Guide to the international registration of marks under the Madrid Agreement and the Madrid Protocol”, (2019), Available at http://www.ipindia.nic.in/writereaddata/Portal/IPOGuidelinesManuals/1_40_1_guidelines_MadridProtocol_17December2013.pdf
18. WIPO, *Introduction to Intellectual Property: Theory and Practice*, Kluwer Law International, (2nd edn., 2017).
19. WIPO, *The first twenty-five years of the Patent Co-operation Treaty (PCT) 1970-1995*, WIPO, Geneva, (1995).

PAPER 2. WTO Dispute Settlement and TRIPS Agreement (4 Credits)

Course outcomes

On completion of the course the student will be able to:

CO1	To understand the international decision-making process especially in the IP context;	Understand
CO2	To analyse the politics behind the decision-making process in the WTO platform;	Analyse

CO3	To evaluate the relation between international trade and intellectual property regime;	Evaluate
CO4	To apply developmental perspectives in international trade and IPR, with special reference to dispute settlement;	Apply
CO5	To create policy formulations in international trade law discussions from a developing and least developed nation perspective.	Create

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1	3	2		1
CO 2	2	2	2	2	2
CO 3	2	2		1	
CO 4	2	3	1		3
CO 5	1	3	2	3	3

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Content

Module I: History of WTO dispute settlement mechanism – international dispute settlement before the WTO era – ICJ- enforcement mechanism under ICJ - GATT1947, charter for an International Trade Organization (ITO)- Tokyo Round - reasons for Dispute Settlement Understanding (DSU) – IP forum shifting - TRIPS and DSB

Module II: DSU – objectives, coverage and administration – Panel – constitution –rules of composition – Appellate Review – Appellate Body – rules of composition –procedure – negative consensus.

Module III: WTO DSU Procedure – nullification or impairment – types of complaints – Part V of TRIPS Agreement – consultation – conciliation and mediation – Dispute before panel – mode of reaching final decision –procedure – adoption of panel reports –mode of implementation – surveillance by DSB – non-implementation – crossretaliation

Module IV: IP and DSB decisions - India Patent case – WT/DS 50/AB/R - Canada Pharmaceutical patent case WT/DS 114 – US – Section 110 (5) Copyright Act WT/DS 160 – Canada Patent term WT/DS 170 – WT/DS 290 GI – WT/DS 362/R China – Measures Affecting the Protection And Enforcement Of Intellectual Property Rights

Module V: DSB and Developing country members – lack of expertise - trend in decision making in IP context – impact on developing countries.

References (Refer to the latest edition of all books):

1. Acharya Rohini, *Regional Trade Agreements and the Multilateral Trading System*, United Kingdom: Cambridge University Press, (2016).
2. Chad P. Bown Joost Pauwelyn (ed.), *The Law, Economics and Politics of Retaliation in WTO Dispute Settlement*, Cambridge University Press, (2010).
3. Gregory C. Shaffer and Ricardo Meléndez-Ortiz (Eds.), *Dispute Settlement at the WTO: The Developing Country Experience*, Cambridge University Press, (2010).
4. J.G.Merrills, *International Dispute Settlement*, Cambridge University Press, (2011).
5. Ka Zeng, “Legal Capacity and Developing Country Performance in the Panel Stage of the WTO Dispute Settlement System”, 47(1) *Journal of World Trade*, 2013, pp. 187–213
6. Marceau Gabrielle, *A History of Law and Lawyers in the GATT/WTO: The Development of the Rule of Law in the Multilateral Trading System*. India: Cambridge University Press, (2015).
7. Mervyn Martin, *WTO Dispute Settlement Understanding and Development*, Martinus Nijhoff Publishers, (2013).
8. Palmeter David and Petros C. Mavroidis, *Dispute Settlement in The WTO Practice and Procedure*, Cambridge University Press (2004).
9. Prévost, Denise and Van den Bossche, Peter, *Essentials of WTO Law. India*: Cambridge University Press, (2021).
10. Taubman Antony, Nuno Pires de Carvalho, Robert D. Anderson, *Competition Policy and Intellectual Property in Today's Global Economy*, United Kingdom: Cambridge University Press, (2021).
11. William J. Davey, “The WTO and Rules-Based Dispute Settlement: Historical Evolution, Operational Success, and Future Challenges”, 17 *J Int Economic Law*, 2014, pp. 679-700.
12. WTO, *A Handbook on the WTO Dispute Settlement System*. India: Cambridge University Press, (2017).

Semester IV

PAPER 1. TRIPS and Access to Medicine (4 Credits)

Course Outcomes

On completion of the course the student will be able to:

CO1	To understand the Paris Convention and TRIPS Agreement	Understand
CO2	To evaluate the challenges to patenting of pharmaceutical inventions	Evaluate
CO3	To analyse the TRIPS Agreement and evolution of Indian Patent Law	Analyse

CO4	To understand Discuss the implementation of TRIPS flexibilities in the Indian Patent law	Understand
CO5	To analyse the impact on access to medicine post implementation of TRIPS flexibilities in India	Analyse

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1	2	1	1	1
CO 2		2	2	2	
CO 3	1	3		2	
CO 4		2	3	2	
CO 5		2	3		2

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Content

Module I: Development of international patent system -Historical development of Paris Convention – basic principles of Paris Convention – minimum standards – revision of Paris Convention.

Module II: TRIPS Agreement and patent system -Historical development of TRIPS – general principles of TRIPS - patentable subject matter - term of protection - rights and limitations - transitional arrangements.

Module III: Patenting of pharmaceutical inventions-New challenges to patent system – inventing new drugs – the process and challenges – issues on patenting – patenting improvements – ever greening of pharmaceutical patents – TRIPS flexibilities – patenting of pharmaceutical inventions under the Indian Patent Act – definition of new chemical entities – exclusions – limiting the scope of patentable subject matter and facilitating access to medicine.

Module IV: Facilitating access to medicine-Indian patent system and international obligations – limitations and exceptions – educational and research exceptions – bolar exceptions – parallel importation – protection of test data – alternative to patents, Delinking.

Module V: Compulsory licences under the Indian Patent Act and TRIPS flexibilities - Doha Declaration and its implementation structure of the Indian pharmaceutical industries - limits of the patent law in facilitating access to new medicines at affordable cost.

References (Refer to the latest edition of all books):

1. Abbott Frederick M. and Jerome H. Reichman, “The Doha Round’s Public Health Legacy: Strategies for the Production and Diffusion of Patented Medicines under the Amended TRIPS Provisions”, 921/ 10 *Journal of International Economic Law*, 2007.
2. Abbott Frederick M., “The Doha Declaration on the TRIPS Agreement and Public Health: Lighting a Dark Corner at the WTO”, 5 *Journal of International Economic Law*, 2002.
3. Abbott Frederick M., “The WTO Medicines Decision: World Pharmaceutical Trade and the Protection of Public Health”, 317/ 99 *American Journal of International Law*, 2005.
4. Canada – patent protection of pharmaceutical Products WT/DS 114/R 8.
5. Chaudhuri Sudip et. al., “Five Years into the Product Patent Regime: India’s Response”, UNDP report, 2010.
6. Correa, Carlos., “Protection of Data Submitted for the Registration of Pharmaceuticals: Implementing the Standards of the TRIPS Agreement”, South Centre, 2002.
7. Dhar Biswajith and K.M.Gopakumar, “Post-2005 TRIPS scenario in Patent Protection in the Pharmaceutical Sector: The case of the generic pharmaceutical industry in India”, ICTSD and UNCTAD, 2006.
8. Dutfield Graham, “Delivering Drugs to the Poor: Will the TRIPS Amendment Help?” 1 *American Journal of Law and Medicine*, 2008.
9. Fellmeth Aaron Xavier, “Secrecy, Monopoly, and Access to Pharmaceuticals in International Trade Law: Protection of Marketing”, 45 *Harv. Int’l LJ.*, 2004.
10. Fellmeth Aaron Xavier., “Secrecy, monopoly, and access to pharmaceuticals in international trade law: protection of marketing approval data under the TRIPS Agreement”, 45 *Harv. Int’l LJ.*, 2004.
11. Gopakumar K M, “Twenty Years of TRIPS Agreement and Access to Medicine: A Development Perspective”, 55(3) *Indian Journal of International Law*, 2015, pp. 367-404.
12. Gopakumar K M., “Product Patents and Access to Medicines in India: A Critical Review of the Implementation of TRIPS Patent Regime”, 3(2) *The Law and Development Review*, 2010, pp. 326-368.
13. JakkritKuanpoth, *Patent Rights in Pharmaceuticals in Developing Countries: Major Challenges for the Future*, Edward Elgar Publishing Ltd, (2011).
14. Joo-Young Lee, *A Human Rights Framework for Intellectual Property, Innovation and Access to Medicines*, Routledge Publishers, (2015), see Chapters 2, 3, 4 and 7.
15. Kapczynski Amy, “Harmonization and Its Discontents: A Case Study of TRIPS Implementation in India’s Pharmaceutical Sector”, 1571/ 97 *California Law Review*, 2009.
16. Love James Packard, “Alternatives to the patent system that are used to support R&D efforts, including both push and pull mechanisms, with a special focus on innovation-inducement prizes and open-source development models”, Committee on Development and Intellectual Property” (CDIP), WIPO, 2014.
17. Mueller Janice M., “The Tiger Awakens: The Tumultuous Transformation of India’s Patent System and the Rise of Indian Pharmaceutical Innovation”, 68 *University of Pittsburgh Law Review*, 2007.
18. Phoebe Li, *Health Technologies and International Intellectual Property Law: A Precautionary Approach*, Routledge Research in Intellectual Property, (2014). See Part I, Chapter 1.2 and Chapter 5.
19. Pogge Thomas, Matthew Rimmer, Kim Rubenstein (Eds), *Incentives for Global Public*

Health: Patent Law and Access to Essential Medicines, Cambridge University Press, (2010).

20. Sell Susan K, "TRIPS and the Access to Medicines Campaign", 491(20) Wisconsin International Law Journal, 2001-2002.

Paper 2. Intellectual Property and Technology (4 credits)

Course Outcomes:

On completion of the course the student will be able:

CO1	To analyze the applicability and limitations of traditional IP frameworks in regulating emerging technologies and contemporary technological challenges.	Understand
CO2	To compare and assess global IP regulatory approaches to technology governance	Understand
CO3	To evaluate the impact of technological advancements on IPR enforcement and understand regulatory and ethical issues arising from new technologies.	Understand
CO4	To create policy-informed solutions to contemporary IP challenges in the digital economy, balancing innovation, access, and rights enforcement	Create
CO5	To create expertise in international platforms for developing and underdeveloped nations.	Create

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
CO 1	3	1	1	2	2	3
CO 2	3	1	1	1	3	
CO 3	3	1	2	2	3	
CO 4	3	2		1		3
CO 5	2		1		2	3

1-Low Correlation

2-Medium Correlation

3-High Correlation

Module 1: Introduction: IP and technology interface- applicability and limitations of traditional IP frameworks in regulating emerging technologies- Cross-disciplinary approaches: IP, technology ethics, and societal impact

Module 2: Copyright in the Digital Ecosystem: Originality and authorship in emerging technology—User generated content and its authors—Copyright and digital media—Digital rights management (DRM) and anti-circumvention measures—Protection of algorithmically generated works and authorship doctrine—Liability of platforms: safe harbours, DMCA, and content moderation—Licensing models for streaming and remix culture—Copyright and machine learning datasets (training and fair use).

Module 3: Patents and Emerging Innovations: Non-obviousness and inventive step in emerging fields - Patentable subject matter: algorithmic and AI-generated inventions--- patenting business methods- Patent challenges in emerging technologies (Synthetic biology and CRISPR technologies)-Patent landscape analysis and technology forecasting - Patent pooling, cross-licensing, and standards (SSOs, SEPs, FRAND licensing).

Module 4: Intellectual Property in Digital Ecosystems and Data Economy -- IP issues in cloud computing, SaaS, and platform-based services- Data ownership, rights, and licensing in the era of big data-GDPR-The Digital Personal Data Protection Act, 2023- IP protection for AI-generated works and algorithms- Blockchain, smart contracts, and decentralized IP management - Tokenization of IP assets (NFTs, DAOs)- Open-source licensing in AI and software stacks.

Module 5: Legal and Policy Challenges in IP and Technology: IP enforcement in digital and cross-border contexts- IP considerations in autonomous systems and IoT - Open innovation models and their intellectual property implications- Future-proofing IP laws for continuous technological change.

References (Refer to the latest edition of all books):

1. Baruah, Sunandan, author.; Saikia, Ankur P., *Licensing Standard-Essential Patents in Artificial Intelligence-Based Apps: A Theory on Dynamic Royalty Pricing Mechanism*, (John Wiley & Sons Ltd, 2023).
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3. Cuntz, Alexander, Fink, Carsten, & Stamm, Hansueli, "Artificial Intelligence and Intellectual Property: An Economic Perspective - Economic Research Working Paper", No. 77. World Intellectual Property Organization, (2024).
4. David Bainbridge, *Information Technology and Intellectual Property Law*, (Bloomsbury Publishing India, 2024).
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6. Gordon Hull, *The Biopolitics of Intellectual Property: Regulating Innovation and Personhood in the Information Age*, (Cambridge University Press, 2019).
7. Islam, Toriql, *Regulatory Challenges of AI Governance in the Era of ChatGPT*, (Kluwer Law International, 2024).

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10. Kung-Chung Liu and Reto M. Hilty, SEPs, SSOs and FRAND Asian and Global Perspectives on Fostering Innovation in Interconnectivity (Routledge 2020).
11. Lee, Jyh-An, Reto Hilty, and Kung-Chung Liu (eds), *Artificial Intelligence and Intellectual Property* (Oxford University Press, 2021).
12. Legner, Sarah, "Are Works of Artificial Intelligence in Need for Further Protection?", 43(2), 71-73 EIPR, (2021).
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14. Mark A. Lemley, "Intellectual Property Rights and Standard-Setting Organizations", 90 Cal.L. Rev. 1889, 1894 (2002).
15. Peter S Menell, Mark A Lemley, Robert P Merges, *Intellectual Property in the New Technological Age 2023 Vol. II Copyrights, Trademarks and State IP Protections* (Clause 8 Publishing 2023).
16. Peter S Menell, Mark A Lemley, Robert P Merges, Shyamkrishna Balganesh, *Intellectual Property in the New Technological Age 2023 Vol. I Perspectives, Trade Secrets and Patents* (Clause 8 Publishing 2023).
17. Picht, Peter Georg, Thouvenin, Florent, "AI and IP: Theory to Policy and Back Again - Policy and Research Recommendations at the Intersection of Artificial Intelligence and Intellectual Property" Volume 54, Issue 6. International Review of Intellectual Property & Competition Law (2023).
18. Ryan Abbott (ed) *Research Handbook on Intellectual Property and Artificial Intelligence*, (Elgar Publishing 2022).
19. Straus, Joseph, "Artificial Intelligence and Patenting: Some Lessons from "DABUS" patent applications 44(6), EIPR .348-358 (2022).
20. Swan, Edward J., *Artificial Intelligence Law* (Kluwer Law International, 2024).
21. Walter G. Park, (ed) *Handbook of Innovation and Intellectual Property Rights Evolving Scholarship and Reflections*, (Edward Edgar Publishing, 2024).
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Semester V

PAPER 3. Research Methodology

Course Outcomes

On completion of the course the student will be able:

CO1	To understand the aim, scope and significance of research;	Understand
CO2	To apply effective doctrinal as well as non- doctrinal legal research using fundamental tools of research;	Apply
CO3	To understand and develop skills to identify and formulate a research problem and design their research work;	Understand
CO4	To summarize, analyze, synthesize existing research and gaps through literature review.	Create
CO5	To create research papers, articles, notes, case comments etc. using standard forms of legal citations;	Create

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1		2		
CO 2	2	2			
CO 3		1		3	
CO 4	1				3
CO 5		1			3

1-Low Correlation

2-Medium Correlation

3-High Correlation

Module 1: Introduction and Methods of Research: Meaning, Concept, Nature, Steps, Types and Characteristics of research. -Methods of Research- Qualitative and quantitative- Characteristics of methods and their implications in research area.

Module 2: Research Design and Development of research proposal - Identifying and defining a research problem- Setting objectives and formulating hypotheses- Types of research designs- Exploratory, Descriptive, Explanatory- Research proposal and its elements-Formulation of research problem

Module 3: Data Collection Methods- Methods of data collection Concept of sampling and other concepts related to sampling- Redesigning, research tools-like questionnaire, opinionnaire, observation, interviews, scales and tests etc.

Module 4: Data Analysis and Interpretation Analysis of qualitative and quantitative data (thematic analysis, coding) and its presentation with tables, graphs etc, - Introduction to descriptive and inferential statistics- Using software tools (Excel) - Interpreting results and drawing conclusions- Decision making with hypothesis testing through parametric and non-parametric tests. Validity and delimitations of research findings.

Module 5: Reporting Research and Academic Writing- Principles of report writing and guide lines according to style manuals. Writing and presentation of preliminary, main body and reference section of report-Structure of a research report/thesis- Citation and referencing styles (OSCOLA/Bluebook/APA) - Writing an abstract and literature review- Plagiarism and how to avoid it - Publishing research: journals, conferences, and peer review.

References (Refer to the latest edition of all books):

1. Erwin C. Surrency *et. al.*, *A Guide to Legal Research*, Oceanea Publications, (1966).
2. *Evaluation Reforms in Higher Education Institutions*, UGC, (2019).
3. H.M. Hyman, *Interviewing in Social Research*, University of Chicago, (1965).
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5. Manheim, *Sociological Research: Philosophy and Methods*, Doresy Press, (1997).
6. Morris L. Cohan, *Legal Research in Nutshell*, West Publishing Co., (1996).
7. Morris L. Cohen, *How to Find the Law*, University of Michigan, (1989).
8. Payne, *The Art of Asking Questions*, Princeton University Press, (1980).
9. Peter Goodrich, *Reading the Law*, B. Blackwell, (1986).
10. Peter W. Martin, *Introduction to Basic Legal Citation*, (online ed. 2010) available at <http://www.law.cornell.edu/citation/>
11. Philip Whitehead and Anne Matthewman, *Legal Writing and Research Manual*, Lexis Nexis, Butterworths, (2004).
12. S. K. Verma and Afzal Wani, *Legal Research Methodology*, ILI, New Delhi, 2nd edn., (2001).
13. Sally Kift, *A Tale of Two Sectors: Dynamic Curriculum Change for a Dynamically*
14. *The Blue Book: A Uniform System of Citation*, Harvard Law School, (21st edn., 2020) available at <https://www.legalbluebook.com/>.
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16. Victor Tunkel, *Legal Research*, Blackstone Press, (1992).
17. William J. Grade and Paul K. Hatt, *Methods in Social Research*, Mc Graw-Hill Book Company, London (1952).
18. Young P.V. and Schmid C.F., *Scientific social surveys and research: An introduction to the background, content, methods, principles and analysis of social studies*, (4th edn.,1966).

ELECTIVES

1. IPR and Computer Programs (4 Credits)

Course outcomes

On completion of the course the student will be able:

CO1	To understand the role of intellectual property in the development of current technologies;	Understand
CO2	To understand the current Indian position on the protection of computer programs;	Understand
CO3	To evaluate the best intellectual property regime to protect in computer programs;	
CO4	To analyse the protection of computer programs in various countries;	
CO5	To analyse whether IP is a necessary component for innovation in computer programs.	

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1	2	1	2	2
CO 2	1	2	2		1
CO 3		3	3	2	2
CO 4	1	2		2	1
CO 5		2	1	2	1
1-Low Correlation 2-Medium Correlation 3-High Correlation					

Course Content

Module 1: Introduction to computer program – basic concepts of computer science – concepts, terminology and principles – distinction between computer program and software – elements of computer program – algorithm – computer languages – method of software development – materials used for software development – literal and functional elements of computer program

Module II: Introduction to IP Protection for computer program – historical development of IP protection for computer software – contractual agreements – role of IBM – cases on contractual violations

Module III: Computer program and copyright protection – historical development of copyright protection for computer program – concept of originality – idea-expression

dichotomy –originality in computer program– look and feel – abstraction, filtration and comparison –protection of non-literal elements – the US and English case law development – fair use –TRIPS obligations – copyright protection of computer program in India – originality, rights, fair use, remedies- how copyright protection has withered away to pave path for patent protection

Module IV: Computer program and patent protection – development of patent protection of computer program in the US – algorithm as patentable subject matter –patentability of computer related inventions – computer program as a ‘means to an end’ for patent protection – patenting of business methods – TRIPS obligations – patent protection for computer program in India – implications- development of artificial intelligence and role of computer program- Indian guidelines on computer program and artificial intelligence Analysis of Indian judgments

Module V: IP protection of computer program– alternatives – free software movement – legal validity of general public licence agreements – patenting software and challenges to open-source movement

References (Refer to the latest edition of all books):

1. Pamela Samuelson *et.al*, “A Manifesto Concerning the Legal Protection of Computer Programmes”, Columbia Law Rev., 1994.
2. Peter S. Mennel, “Challenges of Reforming Intellectual Property Protection for Computer Programmes”, Columbia Law Rev., 1994.
3. Paul Goldstein, “Comments on Manifesto Concerning the Legal Protection of Computer Programmes”, 2573 Columbia Law Rev., 1994
4. Leslie Melville, “Computer Software and the Relevance of Copyright”, 354 EIPR, 1980.
5. Daniel J. Fetterman, “The Scope of Copyright Protection for Computer Programmes: Exploring the Idea/expression Dichotomy”, 399 IPLR, 1988.
6. Julian Velasco, “The Copyrightability of Non-literal Elements of Computer Programmes”, 329(27) IPLR, 1995.
7. Allen B. Wagner, “Patenting Computer Science: Are Computer Instruction Writings Patentable?”, The John Marshall Journal of Computer and Information Law, 1998.
8. Jur. Strobos, “Stalling the Exclusive Patentable Software: Are there Still Diehsor Was it Just a Flook?”, 363(6) Horr. J. Of Law & Tech., 1992-93.
9. John Swinson, “Copyright or Patent or Both: An Algorithmic Appeal to Computer Software Protection”, 145(5), Harv.J of Law & Tech., 1991.
10. Allen B. Wagner, “Patenting Computer Science: Are Computer Instructions Writings Patentable?”, 5(11) The John Marshall Journal of Computer and Information Law, 1998.
11. John Swinson, “Copyright or Patent or Both: An Algorithmic Appeal to Computer Software Protection”, 145(5) Harv. J of Law & Tech., 1991.
12. Mark A. Lemley, “The Limits of Claim Differentiation” (Stanford Law School, Public Law and Legal Theory Research Paper Series No. 1008885).
13. *Alice Corp. v. CLS Bank* (134 S. Ct. 2347 (2014))
14. Tanya Aplin (Ed.), *Artificial Intelligence, Big Data and Intellectual Property: Protecting Computer Generated Works in the United Kingdom, Research Handbook on Intellectual Property and Digital Technologies*, Edward Elgar Publishing Ltd, (2019).
15. Mark A. Lemley et. al., “Life after Bilski”, (Doctoral dissertation, University of Pennsylvania).

2. Copyright and Entertainment Industry (4 credits)

Course Outcomes

On completion of the course the student will be able to:

CO 1	To understand the role of intellectual property in the entertainment industry;	Understand
CO 2	To understand the evolution of creative industry;	Understand
CO 3	To analyse the difference between the theory and practical level application of IP law in the entertainment industry;	Analyse
CO 4	To analyse the economic structure within the entertainment industry;	Analyse
CO 5	To understand the role of intellectual property law in regulating and preventing exploitations in the creative industry.	Understand

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1	2	1	2	1
CO 2	1	2	2	2	
CO 3	3	2		1	1
CO 4	2	2	2	1	
CO 5	1	3	1		1

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Content

Module I: Notion of entertainment industry –Publishing, audio-visual and music industry - impact of digital technology on the industry - its significance – social political and economic - justification for protecting the industry – difference - concept of creativity – publishing, audio-visual and music industry –extend of creative expressions – International position – Berne Convention, Rome Convention, TRIPS, WCT, WPPT - Indian copyright Act.

Module II: Creator in the entertainment industry-Industrial practice – publishing – special positions in the audio-visual and music industry – concept of author under copyright law – role

of director and performer - international position – Berne Convention, TRIPS - Indian copyright law

Module III: Enjoyment of rights-concept of co-existence of rights - rights sharing – relation between creator and owner -automatic transfer of ownership – employment – commissioned work - voluntary transfer – assignment – licence – industry practices – new changes in relationship.

Module IV: Revenue Sharing-Incentivizing the creator – royalty sharing – industry practices – Indian and foreign - new changes in the Indian law – collection and distribution – role of collecting societies –constitution and functions of copyright societies.

Module V: Consumers and entertainment industry-Cultural development – freedom of speech and expression – fair use, parody, derivative works – enforcement – International position; Indian position; Other Jurisdiction – US –PIPA and SOPA.

References (Refer to the latest edition of all books):

1. David Hesmondhalgh and Andy C. Pratt, “Cultural Industries and Cultural Policy”, 11 (1) International Journal of Cultural Policy, 2005, pp. 1-14.
2. Giuseppina D’Agostino, *Copyright, Contracts, Creators – New Media, New Rules*, EE (2010).
3. Hendrik van der Pol, “Key Role of Cultural and Creative Industries in the Economy”, UNESCO Institute for Statistics, Canada. 2007.
4. Hye-Kyung Lee, “Between Fan Culture and Copyright Infringement: Manga Scanlation”, 36(6) Media, Culture & Society, 2010, pp. 1011- 1022.
5. Jessica Reyman, *The Rhetoric of Intellectual Property: Copyright Law and the Regulation of Digital Culture*, Routledge (2009).
6. Jon M Garon, “The Heart of the Deal: Intellectual Property Aspects in the Law and Business of Entertainment”, Vol. 17 JIPR, 2012, pp. 443-453
7. Notaro Anna, “Technology in Search of an Artist: Questions of Auteurism/ Authorship and the Contemporary Cinematic Experience”, *The Velvet Light Trap*, 57 Spring 2006, pp. 86-97.
8. Ruth Towse, “Cultural Economics, Copyright and the Cultural Industries”, 22(4) Society and Economy in Central and Eastern Europe”, 2000, pp. 107- 134.
9. Ruth Towse, *Copyright in the Cultural Industries*, Edward Elgar, UK (2002).
10. Sellors C. Paul, “Collective Authorship in Film”, The Journal of Aesthetics and Art Criticism, 65:3 Summer, 2007.
11. Verma Manish et. al., “Intellectual Property Rights and Indian Entertainment Industry: An Overview”, available at https://www.researchgate.net/publication/318122730_Intellectual_Property_Rights_and_Indian_Entertainment_Industry_An_Overview

3. Patent Law and TRIPS Agreement (4 Credits)

Course Outcomes

On completion of the course the student will be able:

CO 1	To understand the evolution of patent system historically in	Understand

	different countries	
CO 2	To understand the importance of TRIPS Agreement in relation to patents	Understand
CO 3	To evaluate the changes brought in various domestic legal systems post-TRIPS	Evaluate
CO 4	To analyse how India has used the TRIPS flexibilities in its patent system	Analyse
CO 5	To evaluate the patent system in the changing technological, economic and social contexts	Evaluate

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1	3	2	2	
CO 2	1	2	1	1	3
CO 3	2	3	3	2	
CO 4	1	2	1	1	
CO 5		2	3	2	

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Content

Module I: Origin and Development of Patent law -Introduction to patent law – historical development – purpose and form of early patents – Statute of monopolies – transformation to the modern patent law - general principles – test of patentability – novelty, inventive step and commercial utility – theoretical justification for patent protection

Module II: International Patent system -Development of international patent system and its necessity – historical development of Paris Convention – basic principles of Paris Convention – minimum standards – revision of Paris Convention.

Module III: TRIPS Agreement and patent system -GATT, WIPO and the need for TRIPS - lobbying Changes from Paris convention - patentable subject matter – Impact of TRIPS on pharmaceuticals including modern biologics and agriculture.

Module IV: New international challenges to patent system -SPLT - FTA - TPP - its comparison with TRIPS

Module V: Impact of TRIPS on Indian patent system -History of Indian patent law – Earlier approach to patents - Impact of TRIPS on Pharmaceuticals Agriculture, and Computer Related Inventions.

References (Refer to the latest edition of all books):

1. Bodenhausen, *Guide to the Application of Paris Convention for the Protection of Industrial Property*, WIPO (2004).
2. Correa, Carlos, *Trade Related Aspects of Intellectual Property Rights: A Commentary on the TRIPS Agreement*, Oxford University Press, (2007).
3. Dhavan Rajiv et.al, “*Paris Convention Revisited*”, 31, JILI, (1991).
4. Dhavan Rajiv et.al, “Whose Interest? Independent India’s Patent Law and Policy”, 429(32) J.I.L.I, (1990).
5. Drahos Peter, *A Philosophy of Intellectual Property*, Dartmoth, (1996).
6. Ellen FM. et. al., *Medicine procurement and the use of flexibilities in the Agreement on Trade Related Aspects of Intellectual Property Rights, 2001–2016*, Bull World Health Organization, (2018).
7. Haardt, W. L., *Terrel on the Law of Patents*, Sweet & Maxwell, London, 1971. (latest edition)
8. Hughes, J., *The philosophy of intellectual property*, 77 *Geo. LJ*, p 287, (1988)
9. Hulme EW, *History of the patent system under the prerogative and at common law*, 12 *LQ Rev.*, (1896).
10. Iyyangar Rajagopal, *Report on the Revision of the Patent Law*, Government of India, (1959).
11. Mani S., Richard and R. Nelson (ed.), *TRIPS Compliance, National Patent Regimes and Innovation: Evidence and Experience from Developing Countries*, Edward Elgar Publishing (2013).
12. Matthews Duncan, *Intellectual Property, Human Rights and Development: The Role of NGOs and Social Movements*, Edgar Elgar Publication (2011).
13. Reichman JH., “Of green tulips and legal kudzu: Repackaging rights in sub patentable innovation”, 53 *Vand. L. Rev.*, (2000).
14. Stewart Terence P., *GATT Uruguay Round: Negotiating History* Kluwer, Law International, (1999).

4. Protection of Broadcasting Organisations (4 Credits)

Course Outcomes

On completion of the course the student will be able to:

CO 1	To understand broadcast and the different technological means through which broadcasting is made possible;	Understand
CO 2	To analyse the need for protection of broadcast organizations;	Analyse
CO 3	To understand the rights and limitations of broadcasting organisations under the Copyright Act, 1957;	Understand
CO 4	To evaluate the protection conferred to broadcasting organizations	Evaluate

	by international conventions and Indian Copyright Act, 1957;	
CO 5	To analyse the effectiveness of the enforcement procedures available in the Copyright Act, 1957	Analyse

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1	3	2	3	
CO 2		2	1		2
CO 3	1	3		2	
CO 4	3	2	1		
CO 5	1	2	2	1	2

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course content

Module I: Nature and functions of Broadcasting Organisation-Technical meaning of broadcast – display, diffusion and transmission of broadcast –technological change - from wireless to wire - ‘free to air’ to ‘pay per view’ –technological difference in transmission through internet – functions of the organisation –historical development – significance in the socio-political context,

Module II: Rationale for independent protection-Theoretical justifications - relationship with the works – elements of creativity in broadcasting – investment in broadcasting - cultural and economical – broadcasting in traditional sense and through computer networks – nature of technology and economic investment.

Module III: Concept of broadcast -concept of signal – difference between broadcast and broadcasting – simulcast and webcast – difference from broadcast – need for separate protection – protection of signal and not the work - International position – Rome Convention, TRIPS, WIPO negotiations – concept of broadcast in Indian Copyright Act.

Module IV: Rights of broadcasting Organisations-concept of related rights or neighbouring right - International law – Rome and TRIPS –right of fixation – rebroadcast –post fixation rights – distribution – communication to public - protection of pre-broadcast signals – right of re-transmission – deferred transmission - WIPO negotiations – relation with owner of copyright in works and performers’ right – provisions in the Indian Copyright Act.

Module V: Enforcement -infringement of rights - defenses available – fair use and protection

of freedom of speech and expression - use of TPMs and its consequences - civil and criminal remedies –provisions in the Indian Copyright Act.

References (Refer to the latest edition of all books):

1. Adam R. Tarosky, “The Constitutionality of WIPO’S Broadcasting Treaty: The Originality and Limited Times Requirements of the Copyright Clause”, 16 Duke Law & Technology, 2006.
2. Eric M. Barendt and Alison Firth, *Year Book of Copyright and Media Law*, OUP (1999)
3. Jackie Harrison & Loma Woods, *European Broadcasting Law and Policy*, Cambridge University Press (2007).
4. Kanchana Kariyawasam and Matthew Tsai, “Copyright and Live Streaming of Sports Broadcasting”, *International Review of Law, Computers & Technology*, 2017.
5. M Sakthivel, “Is it Broadcast or Broadcasting?” 16 JIPR, pp. 23- 26, 2011.
6. Matt Jackson, “From Broadcast to Webcast: Copyright Law and Streaming Media”, 447/ 11 Tex. Intell. Prop. L.J., 2002-2003.
7. Megumi Ogawa, *Protection of Broadcaster’s Right*, MartinusNijhoff (2006).
8. Natali Helberger, *Controlling Access to Content – Regulating Conditional Access in Digital Broadcasting*, Kluwer (2005).
9. Patricia Akester, “The Draft WIPO Broadcasting Treaty and its impact on Freedom of Expression”, UNESCO, e-Copyright Bulletin, 2006.
10. Ted Shapiro, “The territoriality of Copyright in the Digital Single Market: A Closer Look at the Proposed Broadcaster Regulation”, 113 *Intellectual Property Forum: Journal of the Intellectual and Industrial Property Society of Australia and New Zealand*, 2018.
11. Tome Rivers, *A Broadcasters ‘Treaty’ in Paul Torremans, Copyright Law: A Handbook of Contemporary Research*, EE (2007).

5. Protection of Traditional Knowledge (4 Credits)

Course Outcomes

On completion of the course the student will be able to:

CO1	To understand the need to respect, preserve and protect traditional knowledge and traditional cultural expression	Understand
CO2	To analyse the Indian and international efforts to bring out policy measures for the protection of traditional knowledge and traditional cultural expressions	Analyse
CO3	To analyse the adequacy of the mechanisms in practice for protection of traditional knowledge and traditional cultural expressions	Analyse
CO4	To evaluate the feasibility of protecting traditional knowledge and traditional cultural expressions through the IP regime	Evaluate
CO5	To understand and compare the laws in different jurisdictions on the protection of traditional knowledge and	Understand

	traditional cultural expressions	

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1	2	2		2
CO 2	2	2		3	
CO 3	1	2	1	2	1
CO 4	2	1	3	2	
CO 5	2	3	3	2	

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Content

Module I: Introduction to traditional Knowledge and Issues with IP-Intellectual Property – general – brief overview of different forms of IP – difference between intellectual property and traditional knowledge

Module II: Conceptual Analysis of Traditional Knowledge and Traditional Cultural Expressions -Detailed analysis of traditional knowledge and traditional cultural expressions - folklore - difference – conceptual analysis – international and national perspectives

Module III: International Protection of Traditional Knowledge and Traditional Cultural Expressions -International development of traditional knowledge protection – CBD – FAO International Treaty on Plant Genetic Resources – protection of folklore/cultural expressions by UNESCO - developments in WIPO on traditional knowledge and traditional cultural expressions

Module IV: Defensive Protection of Traditional Knowledge -Defensive protection of TK – TKDL – databases – Ayurveda – biodiversity registers

Module V: Protection of traditional Knowledge under Indian laws and Comparison with other Jurisdictions -Positive protection of TK under Indian laws – patents – plant variety and biodiversity –geographical indications – trade secrets – test data protection – comparative analysis of protection in Philippines, Thailand and China

Reference (Refer to the latest edition of all books):

1. Christoph Belman and Graham Dutfield, *Trading in Knowledge: Development Perspectives on TRIPS, Trade and Sustainability*, Earthscan Publications Ltd. (2003).
2. Convention on Biological Diversity, 1992 and International Treaty on Plant Genetic

- Resources for food and Agriculture (2002)
3. Gopalakrishnan N. S. and Benoy K. Kadavan, *Study on Test data Protection in India*, Eastern Book Company, Lucknow (2005)
 4. Graham Dutfield, "Protecting Traditional Knowledge: Pathways to the Future", ICTSD Programme on IPRs and Sustainable Development, 2006,
 5. Inter-Governmental Committee Reports, WIPO on TK& TCE protection, WIPO, Geneva.
 6. Marin Patricia Lucia, "Providing Protection for Plant Genetic Resources: Patents, Sui Generis Systems and Bio-Partnerships", 4, Kluwer Law International (2001)
 7. Reports of FAO, The State of World's Plant Genetic Resources for Food and Agriculture
 8. UNESCO/WIPO Model Provisions for Protection of Folklore/ Cultural Expressions.
 9. W.R. Cornish, *Intellectual Property: Patents, Copyrights, Trademarks and Allied Rights*, Sweet and Maxwell (2004).
 10. WIPO Reading Material on Intellectual Property, WIPO, Geneva.

6. Genetic Resources and Associated Traditional Knowledge (4 Credits)

Course Outcomes

On completion of the course the student will be able to:

CO 1	To analyse the concept of property in genetic resources and associated knowledge;	Analyse
CO 2	To understand the relevance of the concept of collective property;	Understand
CO 3	To understand the issues posed by the IP regime to the ownership of genetic resources and associated traditional knowledge;	Understand
CO 4	To analyse the Indian laws and international laws on protection of genetic resources and associated traditional knowledge;	Analyse
CO 5	To analyse the interface between IPRs and genetic resources and associated traditional knowledge.	Analyse

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1	3	2		
CO 2	1	3		3	2
CO 3	2	2	3	3	

CO 4	1	3	3		2
CO 5	2	2	3	2	

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Content

Module I: Nature of Property in Genetic Resources and Associated Traditional Knowledge -Genetic Resources and associated TK as property – nature of property in GR and associated TK – common heritage of mankind – CBD – permanent sovereignty

Module II: Ownership Issues in Genetic Resources and Associated Traditional Knowledge -Ownership in GR and TK – elements of ownership – exclusivity and possession –nature of ownership of GR and TK in CBD, and Nagoya Protocol (PIC & BS)

Module III: Access and Benefit Sharing of Genetic Resources and Associated Traditional Knowledge under International and Indian Laws-Benefit sharing – different types of benefits and benefit sharing – beneficiaries –CBD, Nagoya Protocol and Indian law

Module IV: Bilateral and Multilateral Benefit Sharing Systems of Genetic Resources and Associated Traditional Knowledge -Bilateral vs. Multilateral Benefit Sharing – CBD, Nagoya Protocol and ITPGRFA

Module V: Interface between IPR and GR and TK- Interface between IPR, GR and TK – TRIPS-CBD conflict and proposed solutions- developments in WIPO on genetic resources.

References (Refer to the latest edition of all books):

1. Chidi Oguamanam, *Intellectual Property in Global Governance: A Development Question*, Routledge, (2012).
2. Christoph Antons (Ed.), *Traditional Knowledge, Traditional Cultural Expressions and Intellectual Property Law in the Asia Pacific Region*, Kluwer Max Planck Series, (2009).
3. Daniel F. Robinson, *Confronting Biopiracy: Challenges, Cases and International Debates*, Earthscan, (2010).
4. Geoff Tansey and TasmineRojotte (Eds.), *The Future Control of Food: A Guide to International Negotiations and Rules on Intellectual Property*, Earth Scan, London (2008).
5. Gerald Moore and Witold Timousky, *Explanatory Guide to the International Treaty on Plant Genetic Resources for Food and Agriculture*, IUCN, Gland, Switzerland and Cambridge, (2005).
6. Graham Dutfield, *Intellectual Property Rights, Trade and Biodiversity*, Earthscan Publications Ltd, London (2000).
7. Jonathan Curci, *Protection of Biodiversity and Traditional Knowledge in the International Law of Intellectual Property*, Cambridge University Press, (2010).
8. Kohli, K., and S. Bhutani, “Chasing Benefits Issues on Access to Genetic Resources and Traditional Knowledge with reference to India’s Biodiversity Regime A post-Nagoya Protocol view on Access and Benefit Sharing”, paper for the NGO Alliance on CBD (India) and WWF-India’s CSO”, 2011.

9. Michael I. Jeffery et.al (Eds.), *Biodiversity Convention, Law and Livelihood, Bridging the North South Divide*, IUCN Academy of Environmental Law Research Studies, IUCN, (2002).
10. Nijar, G.S., *The Nagoya Protocol on access and benefit sharing of genetic resources: analysis and implementation options for developing countries*, (No. 36) Research Paper, (2011).
11. Silke von Lewinski (ed.), *Indigenous Heritage and Intellectual Property: Genetic Resources, Traditional Knowledge and Folklore*, Kluwer Law International, (2008).

7. Enforcement of Intellectual Property Rights (4 Credits)

Course Outcomes

On completion of the course, the student will be able:

CO 1	To understand the ownership of different forms of IP protection and appreciate user's rights.	Analyse
CO 2	To draft IP transfer documents.	Understand
CO 3	To appreciate revenue collection through collective societies.	Understand
CO 4	To evaluate the impact of IPR enforcement on innovation, competition, and development	Analyse
CO 5	To analyze the costs and benefits of enforcing IPRs in different economic contexts and understand the working of dispute settlement at both national and international levels.	Analyse

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1		3	2	
CO 2	1	2	2		2
CO 3	3			3	
CO 4			2	3	
CO 5				3	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Content

Module I: Ownership and assignment of rights: First owner, joint owner—rights of the owner—moral right of authors—employer-employee relationship and transfer of ownership—compulsory licensing—permissible use without authorisation—government use—protection of public interest—TRIPS provisions—WIPO Treaties—implications for India.

Module II: Utilisation of IP and Collecting societies: assignment of rights—licensing of rights—collecting societies—nature—function—relevance—registration—control by stakeholders.

Module III: Infringement of IPR: Copyright, Patent, Trademarks, Design and other forms of IP – Test for infringement – Acts that are not infringement – fair use – Bolar exemption- Right to Repair –secondary infringement India - TRIPS mandates.

Module IV: Remedies: Civil remedies – Criminal remedies – Administrative remedies – Forum of adjudication – Patent, Copyright and Trademark litigations, enforcement & challenges across various jurisdictions - TRIPS obligation and Indian law.

Module V: Enforcing Intellectual Property Rights: An Economic Perspective: Impact on Welfare from Stronger IPRs Enforcement- IPR and Market Failures- Costs and Challenges of IPR Enforcement- Direct costs: legal, administrative, and judicial- Indirect costs: potential for monopolies and access barriers- Digital tools of intellectual property enforcement: their intended and unintended norm-setting consequences

References (Refer to the latest edition of all books):

1. Jason Rantanen, *Introduction to Intellectual Property: Cases and Questions*, (2021), available at https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3764808.
2. Tanya Aplin & Lionel Bentley, *Global Mandatory Fair Use: The Nature and Scope of the Right to Quote Copyright Works*, (Cambridge University Press, 2020).
3. Brad Sherman and Lionel Bentley, *Intellectual Property Law*, (OUP, 2018).
4. Siva Vaidhyanathan, *Intellectual Property: A Very Short Introduction*, (OUP, 2017).
5. N.S. Gopalakrishnan and T.G. Agitha, *Principles of Intellectual Property*, (EBC, 2014).
6. Raghubir Singh, *Law Relating to Intellectual Property*, (EBC, 2014).
7. Shamnad Basheer, *Overlapping Intellectual Property Rights*, (OUP, 2013).
8. Ananth Padmanabhan, *Intellectual Property Rights-Infringement and Remedies*, (2012).
9. Xuan Li and Carlos M. Correa, *Intellectual Property Enforcement: International Perspectives*, (Edward Elgar, 2009).
10. Roger D. Blair and Thomas F. Cotter, *Intellectual Property: Economic and Legal Dimensions of Rights and Remedies*, (Cambridge University Press, 2005).
11. Xavier Seuba, *The Global Regime for the Enforcement of Intellectual Property Rights* (Cambridge University Press, 2019).
12. Jorge L. Contreras, *Intellectual Property Licensing and Transactions: Theory and Practice* (Cambridge University Press, 2022).

13. Sanna Wolk and Kacper Szkalej, *Employees' Intellectual Property Rights* (Aippi Law, 1 2nd Edition, Wolters Kluwer 2017).
14. Christophe Geiger (ed) *Criminal Enforcement of Intellectual Property: A Handbook of Contemporary Research* (Edward Elgar, 2012)
15. ICTSD (2009). *The Global Debate on the Enforcement of Intellectual Property Rights and Developing Countries*, Programme on IPRs and Sustainable Development, Issue Paper No. 22, International Centre for Trade and Sustainable Development, Geneva, Switzerland.
16. Fink, C. (2009). "Enforcing Intellectual Property Rights: An Economic Perspectives." In ICTSD (2009). *The Global Debate on the Enforcement of Intellectual Property Rights and Developing Countries*, ICTSD IPRs and Sustainable Development Programme, Issue Paper No.22, Switzerland.
17. Correa, C. (2009). "The Push for Stronger Enforcement Rules: Implications for Developing Countries" In ICTSD (2009). *The Global Debate on the Enforcement of Intellectual Property Rights and Developing Countries*, Programme on IPRs and Sustainable Development, Issue Paper No.22, International Centre for Trade and Sustainable Development, Geneva, Switzerland.

Trade Secret and Access to Medicine (4 credits)

Course Outcomes

On completion of the course the student will be able:

CO 1	To understand the legal framework and conceptual foundations of trade secrets.	Understand
CO 2	To explore the interface between trade secret protection and the right to access medicines.	Evaluate
CO 3	To analyze the role of trade secrets in the pharmaceutical and biotechnology industries.	Evaluate
CO.4	To examine international and national legal standards and recent developments.	Evaluate
CO.5	To evaluate policy options and legal mechanisms to ensure balance between public health and secrecy	Apply

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	1	2		2

CO 2	3	1	3	2	
CO 3	1	2			1
CO 4	2	2	1		
CO 5	3		3		

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Content

Module 1: Foundations of Trade Secret Law- Concept of trade secrets- Criteria: secrecy, commercial value, reasonable secrecy precautions- Legal theories: tort, contract, unfair competition- Comparison with patents and other IPRs

Module 2: International Framework – TRIPS and Beyond- 10bis of Paris Convention- TRIPS Article 39 - Protection of test data vs. broader trade secrets- Helsinki Declaration - FTAs and TRIPS-Plus standards - WTO jurisprudence

Module 3: Trade Secrets in the Pharmaceutical Sector- Role of trade secrets in drug discovery, clinical trial data, and manufacturing processes- Biologics and vaccines: secrecy around cell lines, manufacturing know-how- Trade secrets and test data overlap- Ethical concerns and transparency issues in clinical trials

Module 4: Access to Medicine - Trade secrets vs. the right to health: legal and ethical frameworks- COVID-19 and beyond: Vaccines, TRIPS waiver debate- Voluntary licensing and technology transfer barriers- Case studies

Module 5: Legal and Policy Responses for Balancing Rights- Public interest exceptions and reverse engineering- Compulsory Licensing - Open science, transparency initiatives, and patent pools- State obligations under ICESCR (Article 12) and right to health- Proposals for alternatives

References:

1. Eric E. Johnson, “Trade Secret Subject Matter”, 33 HAMLINE L. REV. 545, 557 (2010)

2. Eric E. Johnson, "Trade Secret Subject Matter", in Sharon K. Sandeen and Elizabeth A. Rowe (Eds.) *Trade Secrets and Undisclosed Information*, (Edward Elgar, UK (2014), pp.422-458)
3. Elizabeth A. Rowe and Sharon K. Sandeen, *Trade secrecy and International Transactions: Law and Practice*, (Edward Elgar Publishing, UK and USA, 2015)
4. NS Gopalakrishnan and Benoy K. Kadavan, *Study on Testdata Protection in India*, (Eastern Book Co 5th Edn. 2005)
5. Nuno Pires de Carvalho, *The TRIPS Regime of Antitrust and Undisclosed Information*, (Kluwer Law International, Netherlands 2008)
6. Rochelle C. Dreyfuss, Katherine J. Strandburg, *The Law and Theory of Trade Secrecy: A Handbook on Contemporary Research*, (Edward Elgar, 2010), pp. 269-298
7. Peter-Tobias Rudiger Wolfrum and Stoll (Eds.), *WTO-Trade Related Aspects of Intellectual Property Rights*, Max Planck Institute for Comparative Public and International Law, (Martinus Nijhoff Publishers, Leiden 2009)
8. Pranvera Kellezi Bruce Kilpatrick, Pierre Kobel (Eds.), *Abuse of Dominant Position and Globalization & Protection and Disclosure of Trade Secrets and Know-How*, (Springer, Switzerland 2017)
9. Robert P. Merger, *Justifying Intellectual Property*, (Harvard University Press, London 2011)
10. Tanya Aplin Lionel Bently, Phillip Johnson, Simon Malynicz (Eds.), *Gurry on Breach of Confidence: The Protection of Confidential Information*, Oxford University Press, (Oxford 2nd edn., 2012)
11. UNCTAD- ICTSD, *Resource Book on TRIPS and Development*, (Cambridge University Press, Cambridge 1st edn, 2005)
12. Vinesh Raja, Kiran J. Fernandes (Eds.), *Reverse Engineering – An Industrial Perspective*, (Springer-Verlag London 2008).
13. Charles Tait Graves & Sonia K. Katyal, "From Trade Secrecy to Seclusion", Vol.109, The George Town Law Journal
14. Elizabeth A. Rowe, "Snapshot of Trade Secret Developments", Vol.60, William & Mary Law Review Online, (2019)
15. Eric R. Claeys, "Private Law Theory and Corrective Justice in Trade Secrecy", Vol. 4, (Issue 2, Art. 2), Journal of Tort Law, (2011)
16. Justin Hughes, "The Philosophy of Intellectual Property", Vol.77, Georgetown Law Journal, December 1988
17. Katherine Linton, "The Unexpected Importance of Trade Secrets: New Directions in International Trade Policy Making and Empirical Research", Journal of International Commerce and Economics, 2016
18. Lynn Sharp Paine, "Trade Secrets and the Justification of Intellectual Property: A Comment on Hettinger", Vol.20 (No.3), Philosophy & Public Affairs, (1991)
19. Mark A. Lemley, "The Surprising Virtues of Treating Trade Secrets as IP Rights", Vol. 61 (No.2), Stanford Law Review, (November, 2008)
20. Ramon A. Klitzke, "Trade Secrets: Important Quasi-Property Rights", Vol.41, (No. 2), The Business Lawyer, February 1986
21. Owais H. Shaikh, *Access to Medicine Versus Test Data Exclusivity: Safeguarding Flexibilities under International Law*. (SPRINGER 2018)

22. United Nations Conference on Trade and Development., International Centre for Trade and Sustainable Development. and UNCTAD-ICTSD Project on IPRs and Sustainable Development
23. Olasupo A Owioye, 'Data Exclusivity and Public Health under the Trips Agreement' (2015) 23 Journal of Law, Information and Science
24. Biswajit Dhar and KM Gopakumar, 'Data Exclusivity in Pharmaceuticals: Little Basis, False Claims Author(S)': (2006) 41 Economic and Political Weekly
25. Amit Sengupta, Biological Drugs, Challenges to Access, (Third World Network 2018)

Ph.D Course works on IPR (8 Credits each)

Areas for PHD coursework shall be approved by the departmental research committee.

Tentative List of Areas for Ph.D Course Work

1. Computer Programmes and IP
2. Copyright protection in Digital Context
3. Patent and Biotechnological Inventions
4. Intellectual Property Protection of Performers
5. Protection of Broadcasting Organization
6. Protection of Traditional Knowledge
7. Drafting and Construction of Patent Claims
8. Intellectual Property Protection in the Internet
9. Protection of Well-known Marks
10. Protection of New Plant Varieties
11. Protection of Geographical Indication
12. IP and Transfer of Technology
13. Protection of Undisclosed Information
14. Legal Protection of Databases
15. Protection of Semiconductors
16. Collaborative research and innovation for neglected diseases and IP
17. TRIPS Flexibilities
18. WIPO Development Agenda
19. Patent Law and Access to Medicine

20. IPR and Farmers' Rights
21. TRIPS and Non-voluntary Licensing of IP
22. Copyright Protection in Entertainment Industry
23. Copyright Exceptions in the International Context
24. Protection of Domain names
25. WTO dispute settlement and Developing Countries
26. The concept of Open source
27. Intellectual Property Right and Private international law
28. Copyright and technological Protection measures
29. Liability of Internet Service Providers
30. IPR and Human rights
31. IPR and genetic resources
32. International protection of plant genetic materials for food and agriculture
33. Limitations and Exceptions to patent law
34. Limitations and Exception to copyright law
35. Border measures and IPR protection
36. IP and competition law
37. IP and environment
38. IP – merger and acquisition
39. Trademark dilution
40. International protection of trademarks
41. IP and BRICS
42. IP and development
43. IP and development of SMEs
44. IP portfolio management
45. Utility models
46. IP and Protection of folklore
47. IP and access to knowledge
48. Access to medicine for the countries without manufacturing capabilities
49. International protection of Designs
50. Standards and patents
51. IP and Taxation

52. Patent and public funded research
53. The Govt's role in providing access to medicine in the TRIPS context
54. Copyright and the entertainment industry
55. International protection of new plant varieties (UPOV) New
56. CBD – TRIPS harmonization
57. Enforcement IPR
58. Design Protection
59. Test data protection
60. Working of Patent Cooperation Treaty
61. Artificial intelligence and IP.

COCHIN UNIVERSITY OF SCIENCE AND



TECHNOLOGY

5 yr LL.M (IP) Ph.D. Course

Regulation, Scheme & Syllabus – 2025

[For 2025 - 26 Admission onwards]

INTER UNIVERSITY CENTRE FOR IPR STUDIES, CUSAT, KOCHI – 22

5 YEAR LL.M. (IP) Ph.D. REGULATION, SCHEME AND SYLLABUS

FACULTY OF LAW

(Effective from 2025-2026 Admission onwards)

(Credit System)

REGULATIONS

The 5 year integrated LL.M. (IP) Ph.D program offered by the Inter University Centre for IPR Studies, CUSAT is with specialization in Intellectual Property Rights. The name of the programme shall be **LL.M. (IP) Ph.D.**

On successful completion of the LL.M. portion, a Degree Certificate with Masters of Laws in Intellectual Property shall be issued. Further, those who successfully complete the Ph.D. portion shall be awarded a degree of Doctor of Philosophy from the Faculty of Law.

I. *Admission to the Course*

- a) Candidates for admission to the integrated 5 year Master of Laws (Intellectual Property), Ph.D. Programme shall be required to have passed the Bachelor's Degree examination in Law (LL.B. 3 year or Integrated 5 Year LL.B. programme) with 50% from any of the Universities in Kerala or an examination of any other recognised University. Scheduled Castes/Scheduled Tribe candidates are eligible for relaxation admissible under the orders of the Government.
- b) The reservation rules governing admission to Masters Programs shall be as per the Reservation Rules for admission of CUSAT. The reservation rules governing registration to PhD as part of integrated 5-year LLM (IP) PhD shall be as per the Reservation Rules for admission of CUSAT.
- c) Admission to the course shall be based on the performance of the candidate at the Common Admission Test (CAT).
 - i. The CAT shall consist of two parts as given below:
 - a) Part I – Proficiency in English and GK and analytical reasoning and research capability.
 - b) Part II – Objective type questions covering compulsory papers in Law as prescribed by Bar Council of India and Intellectual Property Rights, in the ratio 4:1.
 - ii. Rank list for admission to the course shall be prepared on the following

basis:

Part I of CAT: 80% weightage

Part II of CAT: 20 % weightage

- d) Matters concerning admission procedure, number of seats, payment of fees, etc., will be prescribed by the authorities and published in the prospectus for the course from time to time.
- e) No candidate may progress to the Ph.D. programme unless they have successfully completed LL.M (IP) of the LL.M (IP) Ph.D. programme with at least a CGPA of 6.5 points (60% marks) in the first attempt. Relaxation of eligible marks as per government rules for reserved category students shall be allowed.

II. DURATION AND CONTENTS OF THE COURSE

- a) The five-year integrated course for the LL.M (IPR) Ph.D. Degree of the University is for a minimum of five academic years consisting of ten semesters. Each semester will be of 16 to 18 weeks of teaching followed by University Examination, except the last 2 semesters. The candidates may take more time beyond the tenth semester for the submission of the thesis and completion of the course, during which time they will not be eligible for any Scholarship. However, the candidate shall complete the course within a maximum period of seven years, or as permitted by the PhD Regulations of the University.
- b) A candidate shall, in the course of ten semesters, undergo instruction in Core and Elective Courses consisting of 146 credits as follows:

Semester	Title of the Course	Nature of the Courses	Credits
First	1. Law and Social Transformation	Core	4
	2. Research Methodology and Design of Blueprint of Curriculum	Core	4
	3. Intellectual Property – General Principles, Nature and Content	Core	4
	4. Collective Property as Intellectual Property	Core	4
	5. Legal Method - I	Core	2

Inter University Centre for IPR Studies, CUSAT
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	6. Seminar Course – I	Core	4
Total for Semester I			22
Second	1. Theories of Law and Justice 2. Quantitative Analysis 3. Intellectual Property Rights – The Social Relevance 4. IPR and Competition 5. Legal Method - II 6. Seminar Course – II	Core Core Core Core Core Core	4 4 4 4 2 4
Total for Semester II			22
Third	1. Acquisition of Intellectual Property: International Aspects 2. WTO Dispute Settlement and TRIPS Agreement 3. Public International Law: Treaty Making and Enforcement 4. Dissertation Proposal Defence 5. Elective – I 6. MOOC	Core Core Core Core Elective Elective	4 4 2 4 4 4
Total for Semester III			22
Fourth	1. TRIPS and Access to Medicine 2. IP and Technology 3. Dissertation including Viva Voce	Core Core Core	4 4 8
Total for Semester IV			16
Total for Semesters I to IV			82
Fifth	1. Course work I -Broad Area of Research 2. Course work II -Specific Area of Research 3. Course work III -Research Methodology 4. Course work IV- Research and Publication Ethics 5. Course work V-Literature Review and Defence of Research Proposal	Core Core Core Core Core	4 4 4 2 4

Inter University Centre for IPR Studies, CUSAT
5yr LL.M (IP) Ph.D. (2025 admission onwards)

Sixth	1. Ph.D Course work on IP – VI 2. Ph.D Course work on IP- VII	Core Core	8 8
Seventh	1. Ph.D Course work on IP – VIII 2. Ph.D Course work on IP – IX	Core Core	8 8
Eighth	1. Ph.D Course work on IP – X 2. Ph.D Course work on IP – XI	Core Core	8 8
Ninth & Tenth	Ph.D Thesis on IPR	-	-
Total for Semesters V to X			66
Grand Total			148

III. ATTENDANCE

A minimum of 80% of attendance in aggregate is compulsory for writing the end semester examination. During the first four semesters, attendance shall carry marks in each course as part of continuous evaluation. The breakup of the same is as follows.

Attendance	81% - 84% - 1 mark >84% - 88% - 2 marks >88% - 92% - 3 marks >92% - 96% - 4 marks >96% - 100% - 5 marks

IV. EXAMINATION AND EVALUATION

- a) The evaluation of all the courses other than Ph.D. thesis is internal and by the teacher/s offering the courses.
- b) The **evaluation scheme for the first four semester**, excluding Seminar Course and Dissertation, contains two parts, a Continuous Assessment and Semester End examination. Equal weightage shall be given for the continuous Assessment and the semester End Components.

- i. **Continuous assessment** shall be based on an overall assessment of the performance of the student during the semester, such as performance in the test papers and home assignment, participation in the class discussions, seminars and regularity in attendance.

Attendance	5 Marks
Test Papers (Average Marks of Two Test Papers)	15 Marks
Assignment Presentation	10 Marks
Assignment Written Submission	10 Marks
Class Participation	10 Marks
Total	50 Marks

- ii. The **End Semester Examination** will be of 3 hours duration covering the entire syllabus of the course and based on a schedule as notified by the University
- iii. There shall be a **Seminar Course** carrying 100 marks, each, for the first two semesters by way of internal assessment. Evaluation for the Seminar Course shall be based on presentation and discussion of recent case law/ research article/ policy documents/ etc. The criteria for evaluation is as follows:

1	Presentation	60 Marks
2	Written Submission	20 Marks
3	Comment	20 Marks
Total		100 Marks

iv. **Dissertation**

- a. Dissertation is mandatory for all students and carries 12 credits in total.
- b. It shall commence from the beginning of the Third semester. The student shall identify research topic, prepare and present a synopsis by the end of the Second semester. The supervising teacher shall evaluate the synopsis and its presentation and award marks out of 100 (4 credits).
- c. Every student do a dissertation under the guidance of the course teacher assigned to him by the Faculty Council.

- d. Dissertation shall be finalized as per the format and style specified by the Centre. The Guidelines for LLM Dissertation including the schedule of work will be issued by the Centre.
- e. The written submission (dissertation) consists of 75 marks and 25 marks for the viva voce examination.
- f. The dissertation shall be evaluated by the guide allotted to the student and another faculty of the Centre selected by the Director and approved by the Faculty Council. The final mark awarded shall be the average of the marks individually awarded by the evaluators.
- g. There shall be a viva voce examination for dissertation based on the dissertation work.
- h. The minimum grade for passing the dissertation shall be 'P'.
- i. A candidate who has failed to secure the minimum marks for the dissertation may submit, following the above, a new or revised dissertation before the commencement of the LL.M. (IP) Ph.D. Degree examination of the next year or the year in which he proposes to sit for the examination within a period of two years from the year of completion of the course.
- j. In view of the above the students' performance may be evaluated in the following method:

Marks allotted to dissertations		75
Viva Voce		25
Total		100
	<u>Dissertation Evaluation Splitup</u>	Marks
a	Contents of Chapters	20

b	Adequacy of Materials	15
c	Language and style	5
d	Originality in writing	5
e	Conclusions	10
f	Suggestions	10
g	Footnoting & Bibliography	10
	Total	75

c) Ph.D. Course Work – Semester 5

a) The evaluation scheme for all papers, excluding Literature Review and Defence of Research Proposal, contains two parts, a Continuous Assessment and Semester End examination. Equal weightage shall be given for the continuous Assessment and the semester End Components.

i. **Continuous assessment** shall be based on an overall assessment of the performance of the student during the semester, such as performance in the test papers and home assignment, participation in the class discussions, seminars and regularity in attendance.

Test Papers	20 Marks
Assignment Presentation	10 Marks
Assignment Written Submission	10 Marks
Class Participation	10 Marks
Total	50 Marks

ii. The **End Semester Examination** will be of 3 hours duration covering the entire syllabus of the course and based on a schedule as notified by the University.

b) The evaluation scheme for ‘Literature Review and Defence of Research Proposal’ shall be fully internal.

d) Ph.D. Course Work – Semester 6 to 8

- i. Ph.D. course work consists of 70 marks for written research paper and 30 marks for the seminar presentation. The research paper and the presentation of the seminar shall be evaluated by 2 members of the Doctrinal Committee, independently, and the average shall be taken as the final grade of the candidate for that particular course.
- ii. Every written submission of PhD coursework submitted shall be a research writing of 6000 – 8000 words, excluding footnotes, and should be submitted as hard copy to the office of the Centre on the date notified by the University.
- iii. Unless and until the Supervising Guide approves the research paper, the candidate shall not be permitted to submit the research paper for evaluation and seminar presentation. The date of the Seminar Presentation shall be notified by the Centre.
- iv. The identification of the topic for writing the research paper for Ph.D. course work is done by the candidates in consultation with the supervising teacher. But the collection and collation of the material have necessarily to be undertaken by the candidate as per the scheme of his/her programme. The organisation of the material and the orderly discussion with appropriate references and suggestions for improvements are to be done by the candidate himself/herself. The research methodology, generally speaking, is to be determined in consultation with the supervising teacher. The idea is to make him/her capable of researching and writing a paper on any subject of importance in his/her professional life.
- v. In view of the above, the candidates' performance may be evaluated in the following method:

Total marks allotted to Research Paper: 70		
i	Adequacy of material	20 marks
ii	Organization of the material	10 marks
iii	Language and style	10 marks
iv	Suggestions	20 marks
v	Punctuation and footnoting	10 marks

- vi. The purpose of presentation of the paper is to make sure that the candidate has done the work independently. This is to evaluate the ability of the candidate to communicate and answer questions. In view of the above, the candidates' performance may be evaluated in the following method:

Total Marks for the Presentation: 30		
i	Content of the presentation	10 marks
ii	Organization and presentation	5 marks
Iii	Answering questions	10 marks
iv	Overall impression	5 marks

e) Ph.D. Thesis

- i. The PhD Thesis shall be finalized as per the format and style specified by the Centre from time to time.
- ii. All matters regarding thesis submission and its evaluation shall be governed by Ph.D. Regulations of CUSAT applicable to the student concerned.

V. GRADING

- a) Grades shall be awarded to the students in each course based on the total marks obtained in continuous assessment and at the end semester examination.
- b) For getting a pass in the examination the student shall secure a minimum of 40% of the aggregate marks (continuous assessment marks + semester end exam marks) with a separate requirement of minimum 40% for the semester end examination.
- c) A candidate, who secures less than 40% of marks or the equivalent grade P, in a course, shall be deemed to have failed in that course and may repeat the semester end examination of that course in the next available chance.
- d) If a student fails in the MOOC course, he/she has to repeat the same online course or do another online course with the approval of parent department as per the MOOC guidelines approved by the University from time to time.

- e) After the evaluation, grades shall be allotted to the students as per the following 10-point grading system:

% Marks (Range)	Grade point (G)	Letter Grade	Description
95 - 100	10	O	Outstanding
85 – 94.99	9	A+	Excellent
75 – 84.99	8	A	Very Good
65 – 74.99	7	B+	Good
55 – 64.99	6	B	Above Average
45 – 54.99	5	C+	Average
40 – 44.99	4	P	Pass
Below 40	F	0	Fail
Absent	Ab	0	Absent

- f) **Grade Point Average:** Overall performance at the end of the semester will be indicated by Grade Point Average (GPA) calculated as follows:

$$\text{GPA} = \frac{G_1C_1 + G_2C_2 + G_3C_3 + \dots + G_nC_n}{C_1 + C_2 + C_3 + \dots + C_n}$$

Where ‘G’ refers to the grade point and ‘C’ refers to the credit value of the corresponding course undergone by the student.

The Grade Point Average (GPA) for each semester will be calculated only for those students who have passed all the registered courses of that semester. Similarly, Cumulative Grade Point Average (CGPA) up to any semester will be calculated only for those students who have passed all the courses up to that semester.

- g) The Grade Card issued at the end of the semester to each student by the Controller of Examinations, will contain the following:
- The code, title, number of credits of each course registered in the semester,
 - The letter grade obtained,
 - The total number of credits earned by the student upto the end of that semester and
 - GPA & CGPA.

h) Classification

On successful completion of the programme, CGPA will be calculated as follows:

$$\text{CGPA} = \frac{C1 \text{ GP1} + C2 \text{ GP2} + C3 \text{ GP3} + \dots + C_n \text{ GP}_n}{C1 + C2 + C3 + \dots + C_n}$$

Where 'GP' refers to the grade point average (GPA) and 'C' refers to the total number of credits obtained by a student in a particular semester.

The classification based on CGPA is as follows:

First Class with Distinction (FCD)	CGPA 7.5 and above
First Class	CGPA 6 to 7.499
Second Class	CGPA 5 to 5.999

- i) Conversion of GPA/CGPA to Percentage marks - The following formula shall be used to convert the CGPA obtained by a student to percentage marks.

$$\text{Percentage marks} = \text{CGPA} * 10$$

VI. GRIEVANCE REDRESSAL

- i. The marks of the end semester examination of all the students shall be published in the Notice board. If the students have any grievance with regard to the marks obtained for any course, they can make a written application within 3 days of publication of results.
- ii. The teacher concerned shall explain to the student the scheme for awarding the marks and the reasons for the same. If the grievance still persists, the student may make a request to the Director for reconsideration within two days of consultation with the teacher concerned.
- iii. On receipt of reconsideration request, the Director, within two working days, shall place the matter before the Faculty Council, which shall be the appellate authority.
- iv. The Faculty Council shall examine the same and take a decision within seven days which has to be intimated to the student in writing. This decision shall be final.

VII. SAVE A YEAR EXAMINATION

- (i) A student who has failed in any core or elective course in the final year may make an application for a Save A Year examination as a special supplementary examination.
- (ii) This special supplementary examination will be conducted after the publication of that semester results.
- (iii) The student will be awarded the actual grade he/she obtains in the special supplementary examination.
- (iv) Those who fail in the end-semester examination/ special supplementary examination of any course may repeat the semester end examination of that course in the next available chances.

VIII. AWARD OF DEGREE

In order to become eligible for receiving LL.M. Degree in IPR the student shall have enrolled as a regular student and undergone the prescribed course of studies and completed all the tasks as specified in the curriculum. He/she should have secured minimum 40% marks or a minimum of P grade in all the courses, including dissertation with a total of **82** credits.

In order to become eligible for receiving the degree of Doctor of Philosophy under the Faculty of Law the student shall have enrolled as a regular student and

- a) Has already been awarded the LL.M. (IP) degree under this course,
- b) Undergone the prescribed Ph.D. Course Works and should have secured minimum 40% marks or a minimum of P grade in all such course works, and
- c) Satisfy all the requirements under the Ph.D. Regulation of CUSAT applicable to the student concerned.

IX. REVISION OF REGULATIONS AND CURRICULUM

The University may from time-to-time revise, amend or change the Regulations, Scheme of examinations and the Syllabus. This Regulation shall come into effect from 2025-26 academic admission onwards.

5 Year LL.M. (IPR) Ph.D CURRICULUM AND SYLLABUS

5 Year LL.M. (IPR) Ph.D PROGRAMME SPECIFIC OBJECTIVES (PSOs)

PSO 1	To create and develop skills in understanding legal process;	Create
PSO 2	To evaluate and create a deep insight into the subject for conceptual clarity and to apply them in the day-to-day life;	Evaluate
PSO 3	To create and develop skills of the students to understand and critically analyse legal documents and literature for enhancing their research skills;	Create
PSO 4	To develop reasoning and analytical skills in policy research and equip them to contribute towards policy making;	Analyse
PSO5	To create a student community equipped in teaching law.	Create

Semester Wise Subjects and Codes

Sl. No.	Subject	Core / Elective	Subject Code	Continuing assessment	End Semester	Total	Credit
SEMESTER I							
1	Law and Social Transformation	Core	25-403-0101	50	50	100	4
2	Research Methodology and Design of Blueprint of Curriculum	Core	25-403-0102	50	50	100	4
3	Intellectual Property – General Principles, Nature and Content	Core	25-403-0103	50	50	100	4
4	Collective Property	Core	25-403-0104	50	50	100	4
5	Legal Method - I	Core	25-403-0105	50	50	100	2
6	Seminar course - I	Core	25-403-0106	100	00	100	4
Total for Semester I						600	22
SEMESTER II							
1	Theories of Law and Justice	Core	25-403-0201	50	50	100	4
2	Quantitative Analysis	Core	25-403-0202	50	50	100	4

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3	Intellectual Property Rights - The Social Relevance	Core	25-403-0203	50	50	100	4
4	IPR and Competition	Core	25-403-0204	50	50	100	4
5	Legal Method - II	Core	25-403-0205	50	50	100	2
6	Seminar Course - II	Core	25-403-0206	100	00	100	4
Total for Semester II						600	22
SEMESTER III							
1	Acquisition of Intellectual Property: International Aspects	Core	25-403-0301	50	50	100	4
2	WTO Dispute Settlement and TRIPS Agreement	Core	25-403-0302	50	50	100	4
3	Public International Law: Treaty Making and Enforcement	Core	25-403-0303	50	50	100	2
4	Dissertation Proposal Defence	Core	25-403-0304	100	00	100	4
5	Elective - I	Elective		50	50	100	4
6	MOOC	Elective			100	100	4
Total for Semester III						600	22
SEMESTER IV							
1	TRIPS and Access to Medicine	Core	25-403-0401	50	50	100	4
2	IP and Technology	Core	25-403-0402	50	50	100	4
5	Dissertation including Viva-Voce	Core	25-403-0403	00	100	100	8
Total for Semester IV						300	16
Total for Semester I to IV						2100	82
SEMESTER V							
1	Course work - I -Broad Area of Research	Core	25-403-0501	50	50	100	4
2	Course work – II Specific Area of Research	Core	25-403-0502	50	50	100	4
3	Course work – III - Research Methodology	Core	25-403-0503	50	50	100	4
4	Course work – IV - Research and Publication Ethics	Core		50	50	100	4
5	Course work-V - Literature Review and Defence of Research Proposal	Core	25-403-0504	100		100	2
Total for Semester V						500	18
SEMESTER VI							
1	Ph D Course work on IP - VI	Core	25-404-0601	100	00	100	8
2	Ph D Course work on IP - VII	Core	25-404-0602	100	00	100	8

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	Total for Semester VI					200	16
1	Ph D Course work on IP - VIII	Core	25-404-0701	100	00	100	8
2	Ph D Course work on IP - IX	Core	25-404-0702	100	00	100	8
	Total for Semester VII					200	16
	Semester VIII						
1	Ph.D Course work on IP -X	Core	25-404-0801	100	00	100	8
2	Ph.D Course work on IP - XI	Core	25-404-0802	100	00	100	8
	Total for Semester VIII					200	16
	Semester IX & X						
1	Ph.D Thesis on IPR	-	-	-	-	-	-
	Total for Semester V to VIII					1100	66
	Grand Total					3200	148

List of Elective Courses:

Sl. No	Subject	Credit	Subject Code
1.	IPR and Computer Programs	4	25-403-0305
2.	Copyright and Entertainment Industry	4	25-403-0306
3.	Patent Law and TRIPS Agreement	4	25-403-0307
4.	Protection of Broadcasting Organisations	4	25-403-0308
5.	Protection of Traditional Knowledge	4	25-403-0309
6.	Genetic Resources and Associated Traditional Knowledge	4	25-403-0310
7.	Enforcement of Intellectual Property	4	25-403-0311
8.	Trade Secrets and Access to Medicine	4	25-403-0312

Syllabus for LL.M. (IP) PhD Degree

Course Contents and Syllabi

The references given are inclusive. The stakeholders are expected to refer the latest decisions, legislations, international documents, books, articles case laws and other materials. In the case of books, the latest edition is expected to be referred.

CORE PAPERS

SEMESTER 1

PAPER 1. Law and Social Transformation (4 credits)

Course Outcomes

On completion of the course the student will be able:

CO1	To evaluate the function of law as an instrument of social change;	Evaluate
CO2	To analyze the role of constitutional amendments in reforming social institutions;	Analyse
CO3	To understand the role of law in protecting vulnerable groups like minorities, women and children;	Understand
CO4	To create and inculcate excellent teaching and research skills;	Create
CO5	To create and improve the legal thinking of students and refine their adjudication skills.	Create

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1		3	2	
CO 2	1	2	2		2
CO 3	3			3	
CO 4			2	3	
CO 5				3	3

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Content

Module I: Introduction -Law and Social Change-Law as an instrument of social change-Law as a product of traditions and culture-Introduction of common law system and institutions in India and the impact of received law on the Indian Social and Legal Order-Limits of Law in bringing out social change.

Module II: Constitution's Role in Social Transformation- Constitutional Amendments and social transformation- Constitutionalism-Modernisation of Social Institutions through Law-Agrarian Reforms, Industrial reforms, Economic reforms, labour law reforms-Balancing of Part III with Part IV.

Module III: Advancement of Science and Technology and Constitutional Adaptation- Constitutional protections and Advancement of Science and Technology, Digitisation and Constitution, Legislative, Executive and Judicial responses to the Advancement of Science and Technology

Module IV: Protection of Vulnerable Population- Gender Injustice and its various forms-Empowerment of Women Constitutional and Statutory Provisions-Protection against exploitation Crime against women and Legal Reform, other marginalized sections- surrogacy-abortion- children, Dalit rights

Module V: Property and Law-Definitions, Types and elements of property, Justifications of private property, Modes of Acquisition, Rights in Property, Property in the Constitution of India, Constitutional policy before and after the Forty fourth Amendment; IP as a property

References (Refer to the latest edition of all books):

1. Austin Sarat and Patricia Ewick (eds), *The Handbook of Law and Society*, Wiley Blackwell; (1st Edn, 2015).
2. Baxi, Upendra (Ed.), *Law and Poverty: Critical Essays*, Tripathi, Bombay, (1988).
3. Baxi, Upendra, *The Crisis of Indian Legal System*, Vikas Publication, (1982).
4. Bhat P Ishwara, *Law and Social Transformation*, Eastern Book Company, (2nd edn. 2022).
5. Deshta Sunil and Kiran Deshta, *Law and Menace of Child Labour*, Anmol Publications, New Delhi, 2000.
6. Duncan Derret, *The State, Religion and Law in India*, Oxford, (1999).
7. Flavia Agnes, *Law and Gender Inequality: The Politics of Women's Rights in India*, Oxford, (1999).
8. Gunasekhare Savitri, *Children, Law and Justice*, Sage Publications, (1997).
9. Indian Law Institute, *Law and Social Change: Indo-American Reflections*, Tripathi, (1988).
10. John Oliver Mendels, *Law and Social Transformation in India*, Oxford University Press, (2014).
11. Kumar Virendra, "Dynamics of Reservation Policy: Towards a More Inclusive Social Order", 50, *Journal of the Indian Law Institute*, 2007.
12. M.P. Singh, *Constitution of India*, Eastern Book Co, Lucknow, (11th Edn. 2008)
13. Marc Galanter (Ed.), *Law and Society in Modern India*, Oxford, (1997).
14. Mariana Valverde, Kamari M. Clarke et al., (Eds) *The Routledge Handbook of Law and Society*, Routledge, (2021).
15. Sharyn Anleu, *Law and Social Change*, Sage Publishing, (2010).
16. Ved Kumari, *Offences Against Women: in Kamala Sankaran and Ujjwal Kumar Singh (ed) Towards Legal Literacy: An Introduction to Law in India*, Oxford, New Delhi, (2008).

PAPER 2. Research Methodology and Design of Blueprint of Curriculum
(4 Credits)

Course Outcomes

On completion of the course the student will be able:

CO1	To understand the aim, scope and significance of research;	Understand
CO2	To apply effective doctrinal as well as non- doctrinal legal research using fundamental tools of research;	Apply
CO3	To understand and develop skills to identify and formulate a research problem and design their research work;	Understand
CO4	To create Author research papers, articles, notes, case comments etc. using standard forms of legal citations;	
CO5	To understand emerging trends relevant for design for legal curriculum.	

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1		2		
CO 2	2	2			
CO 3		1		3	
CO 4	1				3
CO 5		1			3

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Content

Module I: Dimensions of Research and research design- Research as a social Science and scientific research – Qualities of scientific research, meaning of research – Nature and utility of research -Pure and applied research - Value of research – Problems of objectivity in research – the research process – Multidisciplinary approach to research-Formulation of problem in research - Hypothesis, their nature and role – Concepts and their role in investigation -

Research design.

Module II: Doctrinal Research- Doctrinal research - Data collection – Doctrinal sources – Primary and secondary sources — Case study method – Observation and interview - Case books – writings – International documents – Judgments of international bodies and superior courts of different countries—Legislation – Statutory instruments and Judicial decisions.

Module III: Non- Doctrinal Research -Non-doctrinal research - empirical research – census method of data collection – Sampling methods and techniques – random sampling – systematic sampling – stratified sampling – optimum sampling – Different methods for collection of data – interview, preparation of questionnaires

Module IV: Legal Writing -Research Report & Proposals– Style of presentation –Legal Writing – articles, book reviews and case comments - Citation Models – use of definitions, maxims, concepts, principles and doctrines.

Module V: Design of Blue Print for Curriculum -Design of Law Curriculum – Efforts to review Legal Education -Global & India - Traditional Content based Curriculum -Current Challenges Globalisation, Pandemic & Shift from Adversarial to Dispute Resolution Model - Transition to Capability framework- Integrated Models with Transferable generic and legally specific skills for Legal Profession Demand for Competitiveness in Information & Communication Technology – New Evaluation & Assessment Models– Role of Online teaching.

References (Refer to the latest edition of all books):

1. Erwin C. Surrency *et. al.*, *A Guide to Legal Research*, Oceanea Publications, (1966).
2. *Evaluation Reforms in Higher Education Institutions*, UGC, (2019).
3. H.M. Hyman, *Interviewing in Social Research*, University of Chicago, (1965).
4. *Legal Research and Methodology*, ILI Publication, (2001)
5. Manheim, *Sociological Research: Philosophy and Methods*, Doresy Press, (1997).
6. Morris L. Cohan, *Legal Research in Nutshell*, West Publishing Co., (1996).
7. Morris L. Cohen, *How to Find the Law*, University of Michigan, (1989).
8. Payne, *The Art of Asking Questions*, Princeton University Press, (1980).
9. Peter Goodrich, *Reading the Law*, B. Blackwell, (1986).
10. Peter W. Martin, *Introduction to Basic Legal Citation*, (online ed. 2010) available at <http://www.law.cornell.edu/citation/>
11. Philip Whitehead and Anne Matthewman, *Legal Writing and Research Manual*, Lexis Nexis, Butterworths, (2004).
12. S. K. Verma and Afzal Wani, *Legal Research Methodology*, ILI, New Delhi, 2nd edn., (2001).
13. Sally Kift, *A Tale of Two Sectors: Dynamic Curriculum Change for a Dynamically*
14. *The Blue Book: A Uniform System of Citation*, Harvard Law School, (21st edn., 2020) available at <https://www.legalbluebook.com/>.
15. *The Blue Book: A Uniform System of Citations*, Harvard Law Review Association, (2000).
16. Victor Tunkel, *Legal Research*, Blackstone Press, (1992).
17. William J. Grade and Paul K. Hatt, *Methods in Social Research*, Mc Graw-Hill Book Company, London (1952).
18. Young P.V. and Schmid C.F., *Scientific social surveys and research: An introduction to the background, content, methods, principles and analysis of social studies*, (4th edn., 1966).

PAPER 3. Intellectual Property – General Principles, Nature and Content (4

Credits)

Course Outcomes

On completion of the course the student will be able:

CO1	To understand the basic property justifications of intellectual property;	Understand
CO2	To evaluate the foundational underpinnings of different forms of IP;	Evaluate
CO3	To understand the international legal framework of various IP regimes;	Understand
CO4	To analyse the evolving new dimensions in the field applying the basic standards covered in the course;	Analyse
CO5	To critically analyse the necessity in evolving an independent Indian philosophy pertaining to IP.	Analyse

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	1	2		2
CO 2	3	1	3	2	
CO 3	1	2			1
CO 4	2	2	1		
CO 5	3		3		

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Content

Module I: Theoretical Justification of Intellectual Property

Theoretical justification for protection of IP – theories of private property with special reference to IP – Marxian theory on private property and IP – Indian/Gandhian theories on private property and IP - constitutional right to property and IP

Module II: Introduction to different forms of IP and Concept, Standards and Subject

Matter of Copyright

Introduction to different forms of IP: The concept of copyright, patent and trademark, geographical indication of goods and traditional knowledge – the conceptual differences and the differences in the scope and extent of protection and in the standards required for protection for different forms of IP and its implications. Concept, Standards and Subject Matter of copyright: The test of originality – idea/expression dichotomy –the problems created by digitization in determining the standards – subject matter of copyright protection and term of protection – performers rights and neighbouring rights scope and extent of protection including the term of protection.

Module III: Introduction to Patents: Concept, Standards, and Subject Matter of Patents

Patentable inventions – patentability standards – test of novelty, inventive step and commercial utility and their significance – standards of patentability in the changing technological context – scope and extent of protection including the term of protection

Module IV: Introduction to Trademarks: Need for common law and statutory Protection of Trademarks-

Trademark – the concept of distinctiveness – relevance of confusion and deception – common law and statutory requirements for protection – the changing scenario of marketing and the changing demands for trademark protection.

Module V: Collective forms of Intellectual Property: An introduction to the concept of GI and Traditional Knowledge

-The nature of property under geographical indications and traditional knowledge and its difference from other forms of IP – geographical indications – meaning – requirements for protection and the nature of property rights – difference from the western concept of exclusivity – traditional knowledge – types of TK – possibility of independent status as IP – difference from other forms of IP – the issue of defining the standards for protection and the nature of property right foundation.

References (Refer to the latest edition of all books):

1. Bhalla R.S., *The Institution of Property: Legally, Historically and Philosophically Regarded*, Eastern Book Co., (1984).
2. Copinger WA, James ES, *Copinger and Skone James on Copyright*, Sweet & Maxwell, (2011).
3. Ford Laura R., *The Intellectual Property of Nations: Sociological and Historical Perspectives on a Modern Legal Institution*, Cambridge University Press (2021)
4. Ganguli Prabuddha, *Geographical Indicators, its Evolving Contours*, MVRDC, World Trade Centre, Mumbai, (2009).
5. Hegel G.W.F., *The Philosophy of Rights*, Cosimo Inc., (2008).
6. Hudson Emily, *Drafting Copyright Exceptions* (Cambridge Intellectual Property and Information Law, Series Number 51) Reprint Edition (2022)
7. Locke John, *Two treatises of government*, (Ed.), Peter Laslett, Cambridge, (1988).
8. Loren Lydia Pallas and Joseph Scott Miller, *Intellectual Property: Cases & Materials*, Semaphore Press, Inc. (2021)
9. M. K. Gandhi, *The essential writings*, (Ed.) Oxford University Press, (2008).
10. M.K.Gandhi, *Village Swaraj*, Navajivan Publishing house, (1963).
11. Marx Karl, *Private Property and Communism*, Hackett Publishing CO., (1844);
12. Marx Karl, *Wage, Labour and Capital*, Kessinger Publications, (1847).
13. Mellor, Edward James Wilson, *et al.*, *Kerly's law of trademarks and trade names*.

- London: Sweet & Maxwell, (2011).
14. Merges Robert P., *Justifying Intellectual Property*, Harvard University Press, 2011.
 15. Nair Latha R. and Rajendra Kumar, *Geographical Indications: A Search for Identity*, Butterworths, Wadhwa, (2005).
 16. Nicholas Beams, *The Alienation of Labour*, University of Tasmania, (1844).
 17. Penner, *The Idea of Property in Law*, Clarendon Press, Oxford (1997).
 18. RetoHilty, Jyh-An Lee, Kung-Chung Liu, *Artificial Intelligence and Intellectual Property*, Oxford University Press (2021)
 19. Silke von Lewinski (Ed.), *Indigenous Heritage and Intellectual Property: Genetic Resources, Traditional Knowledge and Folklore*, Kluwer International, (2008).
 20. Terrell, T. and Thorley, S., *Terrell on the Law of Patents*, Sweet & Maxwell, (2000).

Paper 4. Collective Property as Intellectual Property (4 credits)

Course Outcomes

On completion of the course the student will be able:

CO 1	To understand the concept of collective property	Understand
CO 2	To evaluate the distinction between the different forms of collective property and their rationale	Evaluate
CO 3	To understand and appreciate the present protection available to these under different forms of IP.	Understand
CO 4	To evaluate the relevance of protection of these properties to a developing country like India	Evaluate
CO 5	To create policies for better protection of collective properties from a developing country perspective.	Create

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
CO 1	2	1	1	1		1
CO 2	2	1	2	1	3	
CO 3	1	1		3		1

CO 4	3	2	2		3	
CO 5	2		2	3		3

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Content

Module I – Notion of Collective Property-Rationale of protection – justification to include within intellectual property regime-right to common heritage and bio-diversity

Module II – Geographical Indications-Concept – scope of protection – standard and subject matter – challenges of ownership

Module III - Genetic Resources-Meaning of Genetic Resource – issues of patenting – protection through plant variety – access and benefit sharing – benefit sharing mechanism

Module IV – Traditional Knowledge- Concept – available kinds of protection – challenges of protection – issues of identifying subject matter, standards and owner – notions of prior informed consent and benefit sharing

Module V – Traditional Cultural Expressions- Concept – challenges of protection – issues of identifying subject matter, standards and owner.

References: (Refer to the latest edition of all books):

1. Charles R. Mcmanis (ed.), *Biodiversity and the Law-Intellectual Property, Biotechnology and Traditional Knowledge*, Earthscan (2007)
2. Chidi Oguamanam, *Intellectual Property in Global Governance: A Development Question*, Routledge, (2012)
3. Christoph Antons (ed.) *Traditional Knowledge, Traditional Cultural Expressions and Intellectual Property Law in the Asia Pacific Region*, Kluwer Max Planck Series, (2009)
4. Convention on Biological Diversity, 1992 and International Treaty on Plant Genetic Resources for food and Agriculture, 2002
5. Daniel F. Robinson *Confronting Biopiracy: Challenges, Cases and International Debates*, Earthscan, (2010).
6. Daniel F. Robinson, Ahmed Abdel-Latif, Pedro Roffe (eds.), *Protecting Traditional Knowledge-The WIPO Intergovernmental Committee on Intellectual Property and Genetic Resources, Traditional Knowledge and Folklore*, Routledge (2017).
7. Documents of Inter-Governmental Committee, WIPO on TK & TCE protection, WIPO. Geneva.
8. Dutfield and Posey, *Beyond Intellectual Property: Toward Traditional Resource Right for Indigenous Peoples and Local Communities*, IDRC, (1996).

9. FAO, *The State of World's Plant Genetic Resources for Food and Agriculture*.
10. Geoff Tansey and TasmineRojotte (Eds.), *The Future Control of Food: A Guide to International Negotiations and Rules on Intellectual Property*, Earth Scan, London (2008).
11. Gerald Moore and WitoldTimousky, *Explanatory Guide to the International Treaty on Plant Genetic Resources for Food and Agriculture*, IUCN, Gland, Switzerland and Cambridge, (2005).
12. Graham Dutfield, *Intellectual Property Rights, Trade and Biodiversity*, Earthscan Publications Ltd, London (2000).
13. Graham Dutfield, *Intellectual Property Rights, Trade and Biodiversity*, Earthscan.
14. J. E. Penner, *The Idea of Property in Law*, Clarendon Press, Oxford (1997), Kemal Baslar, *The Concept of Common Heritage of Mankind in International Law*, MartinusNijhoff Publishers, (1998).
15. Jonathan Curci, *Protection of Biodiversity and Traditional Knowledge in the International Law of Intellectual Property*, Cambridge University Press, (2010).
16. Michael I. Jeffery *et.al* (Eds.), *Biodiversity Convention, Law and Livelihood, Bridging the North South Divide*, IUCN Academy of Environmental Law Research Studies, IUCN, (2002).
17. Patricia Lucia Marin, *Providing Protection for Plant Genetic Resources: Patents, Sui Generis Systems and Bio-Partnerships*, Kluwer Law International (2001).
18. Silke von Lewinski (ed.) *Indigenous Heritage and Intellectual Property: Genetic Resources, Traditional Knowledge and Folklore*, Kluwer Law International, (2008)
19. UNESCO/WIPO Model Provisions for Protection of Folklore/ Cultural Expressions

SEMETER II

PAPER 1. Theories of Law and Justice (4 credits)

Course Outcomes

On completion of the course the student will be able to:

CO1	To understand the meaning, nature, essentials and objectives of law with an in-depth understanding of legal theories and concept of justice	Understand
CO2	To apply and critically engage with the theoretical background of legal decisions and contemporary legal issues in the context of social and individual rights	Apply
CO3	To create the skill to pursuing interdisciplinary approaches to their legal research	Create
CO4	To understand and critically reflect upon the key debates about the formation and operation of law	Understand

CO5	To analyse processes that shape and influence law, and the functioning of legal systems and institutions	Analyse

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1	3	3	2	2
CO 2	1	2	1	1	2
CO 3	3	3	3		1
CO 4	3	2	2	3	2
CO 5		2			3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Content

Module I: Interrelation between Law and Justice -Evolution of concept of law- the relation of justice to law and ethics-Justice as liberty, equality, justice as fairness, Legal Theories - natural law theories - historical development in ancient, medieval and renaissance period - positivism and analytical theories of law- analytical positivism-Austin's theory of law - pure science of law - Kelson's theory- positivism- Hart on analytical positivism – influence on Indian legal system.

Module II: Natural law and its revival -Law and morals – Mill's view on morality – Hart on natural law- Fuller and morality of law- Finnis and restatement of natural law- Hart-Fuller; Hart-Devlin and Hart-Dworkin debates

Module III: Sociological jurisprudence -Roscoe Pound's theory of social engineering -theory of interest- Laswell and Mcdaugal, Parsons, Selznick – Ihering, Max Weber, Durkheim, Ehrlich - Unger and the development of modern law –Historical and Anthropological theories-the German Historical School -Savigny and Volkgeist- the English Historical School - Sir Henry Maine Legal Realism- Idealism- Kant & Hegel - Feminist and Marxist jurisprudence

Module IV: Concept of rights -Theorizing Classification and categorisation of rights – constitutional rights -unenumerated rights - correlation of rights with duties - Hohfeld's analysis - human rights - justice and theories - Rawlsian theory of justice Amartya Sen and the concept of justice- Robert Nozik and the minimal state concept- distributive justice

Module V: Concept of individual and social justice in the Indian context -Constitution and social justice Law and the downtrodden: - access to justice - legal aid to the poor and indigent, -judicial activism and public interest litigation Art 39 A.

References: (Refer to the latest edition of all books):

1. Barden Garrett and Tim Murphy, *Law and Justice in Community*, Oxford University Press, (2010)
2. Baxi U, (Ed.) *Law and Poverty: critical essays*, NM Tripathi, (1988).
3. Baxi U, *The Crisis of the Indian Legal System: Alternatives in Development Law*, Stranger Journalism, (1982).
4. Bhattacharya S., *Rabindranath Tagore: An interpretation*. Penguin Books, India, (2011).
5. Bodenheimer Edgar, *Jurisprudence: The Philosophy and Method of the Law*, Harvard University Press, (1962), Universal Book Traders, New Delhi, (Revised Edn. 1996)
6. Dias, Reginald Walter Michael, *Jurisprudence*, Chicago press, (1976).
7. Fitzgerald and Patrick John (Eds.), *Salmond on Jurisprudence*, Sweet & Maxwell, (1966).
8. Freeman, M.D., *Lloyd's Introduction to Jurisprudence*, Sweet & Maxwell, London, (1994).
9. Friedman W., *Legal Theory*, Universal Law Publishing Co-Pvt. Ltd, (2nd edn., 1949).
10. Friedmann W, *Law in a Changing Society*, University of California Press, (2020).
11. Garth, Bryant G. et. al., *Access to justice*, (Ed.) Cappelletti, Sijthoff and Noordhoff, (1978).
12. Hart H. L.A., *The Concept of Law*, Oxford University Press, (2012).
13. Hart, H.L.A., *Law, Liberty, and Morality*, Stanford University Press, (1963).
14. Holand R.W.M., *The Elements of Jurisprudence* Universal law Publishing Co Pvt. Ltd, (2001).
15. J. W. Harris, *Legal Philosophies*, Oxford University Press, (1980).
16. Kelsen, Hans. "Pure Theory of Law and Analytical Jurisprudence", 55 Harv. L. Rev. 1941, p 44
17. Lon Luvois Fuller, *The Morality of Law*, Yale University Press, New Haven, (1964).
18. Pound Roscoe, *An Introduction to the Philosophy of Law*, Yale University Press, (Revised Edn. 1954).
19. Ratnapala Suri, *Jurisprudence*, Cambridge University Press, (2016).
20. Rawls John, *A Theory of Justice*, Oxford: Clarendon Press, (1972).
21. Roscoe Pound, "Law and Morals -- Jurisprudence and Ethics", 23 N.C. L. Rev. 185 (1945). Pound Roscoe, *The Ideal Element in Law*, Liberty Fund, (2012).
22. Sen Amartya, *The Idea of Justice*, Penquin Books, India, (2010).
23. Sivaramayya B., *Inequalities and the Law*, Eastern Book Company, Lucknow, (1984).
24. Wacks, R, *Understanding Jurisprudence: An Introduction to Legal Theory*, Oxford University Press, (2020).
25. Wayne Morrison, *Jurisprudence from the Greek to Post-Modernism*, Routledge-Cavendish (1995)

PAPER 2. Quantitative Analysis (4 credit)

Course Outcomes

On completion of the course the student will be able:

CO1	To understand various statistical tools and methods of legal research;	Understand
CO2	To understand and identify the appropriate statistical analyses for specific research questions;	Understand
CO3	To apply fundamental statistical analyses;	Apply

CO4	To evaluate the conclusions of the statistical analyses;	Evaluate
CO5	To create appropriate graphical representation model for analysed data;	Create

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1	2	2	3	2
CO 2		2			3
CO 3	1	1	2	3	
CO 4		2	2	2	3
CO5	1		3		3
1-Low Correlation 2-Medium Correlation 3-High Correlation					

Course Content

Module I: Introduction-Statistics in law and social science, descriptive, predictive, and causal inference, samples and populations concepts of statistical population and sample. Data: quantitative and qualitative, attributes, variables, scales of measurement - nominal, ordinal, interval and ratio.

Module II: Descriptive Statistics -Descriptive Statistics, Frequency distribution, Cross-tabulations, Chi-square test, Data visualisation, pie chart, bar chart, histogram, frequency curve, frequency polygon, boxplot, plotting bivariate data, p-p plot, q-q plot, stem and leaf plot application in empirical legal research.

Module III: Measures of Central Tendency-Mean, Median, Mode, Harmonic Mean, Geometric Mean, Weighted Average. Measures of Dispersion: range, quartile deviation, mean deviation, standard deviation, coefficient of variation, skewness and kurtosis- application in empirical legal research.

Module IV: Data Analysis-Univariate analysis, Bivariate Analysis, Correlation, Scatter Diagram, Simple, Partial and Multiple Correlation (3 variables only), Spearman Rank correlation, Simple linear regression- application in empirical legal research.

Module V: Probability, Conditional Probability, events, simple and compound events, Baye's Theorem, Random variables: Basic definitions, discrete and continuous random variables, Probability distributions: Normal, Poisson and Binomial distributions application in empirical legal research.

References (Refer to the latest edition of all books):

1. Albright, S.C. and Winston, W.L., *Business Analytics: Data Analysis and Decision Making*, Cengage Publications, (6th edn. 2017).
2. David Freedman et. al., *Statistics*, W.W. Norton & Company, New York, (4th edn. 2007).
3. Ghosh B.N, *Scientific Method and Social Research*, Sterling, New Delhi, (2011).
4. Goon A.M. et. al., *Fundamentals of Statistics*, The World Press, Kolkata, (Vol. I& II, 8th edn., 2002)
5. Imai, Kosuke and Bougher, Lori D. *Quantitative Social Science: An Introduction in Stata*, Princeton University Press, United Kingdom (2021).
6. Jack Levin and James Alan Fox, *Elementary Statistics in Social Research*, (12th edn., 2013).
7. Jack Levin and James Alan Fox, *Elementary Statistics in Social Research*, 9th edn, (Eds.) Allyn et. al., Longman, (9th edn., 2002).
8. Kothari, D P. and Dubey, Umesh Kumar B. *Research Methodology: Techniques and Trends*. United States: CRC Press, (2022).
9. Kranzler, *Statistics for the Terrified*, Prentice-Hall, (3rd edn. 2002).
10. Levin J., *Elementary statistics in social research*. Pearson Education India, (12th edn., 2006).
11. Miller, I. et. al., *John E. Freund's Mathematical Statistics with Applications*, Pearson Education, Asia, (7th edn., 2006).
12. Mood, A.M. et. al., *Introduction to the Theory of Statistics*, Tata McGraw-Hill Pub. Co. Ltd, (Reprint), (3rd edn, 2007).
13. Narayanamoorthi Vikraman, *Text Book of Quantitative Techniques*, Independently Published, (2021)
14. Roger E. Kirk, *Statistics: An Introduction*, Thomson Wadsworth Publication, (5th edn., 2008).
15. Stockemer, Daniel. *Quantitative Methods for the Social Sciences: A Practical Introduction with Examples in SPSS and Stata*. Springer International Publishing, Germany, (2018).

PAPER 3. Intellectual Property Rights - The Social Relevance (4 Credits)

Course Outcomes

On completion of the course the student will be able to:

CO1	To understand the social relevance and the impact of IPR on the society	Understand
CO2	To evaluate the importance of developing an Indian philosophical as well as economical foundation in IPR policy making	Evaluate
CO3	To analyse the politics that plays in the international negotiations and legal frameworks	Analyse

CO4	To analyse the lacunae in the current policy making in the international as well as national scale.	Analyse
CO5	To analyse the factors influencing the drafting of policy frameworks in IPR.	Analyse

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1	2		2	3
CO 2	1	3	1	1	2
CO 3	2	2	1		3
CO 4		3	3	1	
CO 5	1	2	2	1	2

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Content

Module I: Introduction to the International Framework on IP-Internationalization of IP protection – TRIPS Agreement – basic principles and minimum standards – limits of one-size-fit for all – flexibilities under TRIPS – international politics in norm settings for IP protection - concerns of India

Module II: Role of IP in Development-Development and IP protection – lessons from the west – economic foundations of IP in the Western and Indian context- policy concerns in the Indian context – IP and transfer of technology – IP and competition – IP and foreign direct investment – Indian economy and IP protection

Module III: IP Rights and Access to IP products -Access to IP products – nature of exclusive rights and its impact on access – the significance of limitations and exceptions to IP rights and the concept of exhaustion of rights and parallel imports

Module IV: Changing Nature of IP in the context of Emerging Technologies Challenges to different forms of IP posed by emerging technologies and the possible solutions – digital technology, internet, Artificial Intelligence and biotechnology

Module V: Limitations of IP: Alternatives to the IP system

Alternatives to IP – open-source movement – general public licence – creative commons– open-source drug discovery – limits

References (Refer to the latest edition of all books):

1. Christopher May & Susan K. Sell, *Intellectual Property Rights: A Critical History*, Lynne Rienner Publications, (2005).
2. Daniel J. Gervais, *The Future of Intellectual Property*, Edward Elgar Publishing, USA (2021).
3. David J. Teece, *The Transfer and Licensing of Know-how and Intellectual Property*, World Scientific, (2008).
4. Eechoud, Mireille M. M. van, *Choice of Law in Copyright and Related Rights: Alternatives to the Lex Protectionis*, Kluwer Law International, Netherlands, (2003).
5. Gustavo Ghidini, *Intellectual Property and competition Law: The Innovation Nexus*, Edward Elgar, (2006).
6. John Odell (ed.), *Negotiating Trade: Developing Countries in the WTO and NAFTA*, Cambridge University Press, (2006).
7. Lindberg, Van, *Intellectual Property and Open Source: A Practical Guide to Protecting Code*, O'Reilly Media, United States, (2009).
8. Martha Buskirk, *Is It Ours?: Art, Copyright, and Public Interest*, University of California Press; First edition (2021)
9. Meeker, Heather J., *The Open-Source Alternative: Understanding Risks and Leveraging Opportunities*, Germany: Wiley, (2008).
10. Metzger Axel, *Free and Open Source Software (FOSS) and Other Alternative License Models: A Comparative Analysis*, Springer International Publishing, Germany, (2015).
11. Odagiri et. al., *Intellectual Property Rights, Development, and Catch Up*, Oxford University Press, (2010).
12. Pierre Kobel, Pranvera Këllezi, Bruce Kilpatrick, *Competition Law Analysis of Price and Non-price Discrimination & Abusive IP Based Legal Proceedings* (LIDC Contributions on Antitrust Law, Intellectual Property and Unfair Competition) Springer; 1st ed. (2021)
13. Susan K. Sell, *Private power, Public Law: The Globalisation of IPR*, Cambridge University Press, (2006).
14. Susan Sell et.al, *Who Governs the Globe?*, Cambridge University Press, (2010).
15. Vanni Amaka and Srividhya Ragavan, *Intellectual Property Law and Access to Medicines: TRIPS Agreement, Health, and Pharmaceuticals*, Taylor & Francis, United Kingdom, (2021).

PAPER 4. IPR and Competition Law (4 –Credits)

Course Outcomes

On completion of the course the student will be able:

CO1	To understand the basic philosophy of competition regime and IP regime	Understand
CO2	To analyse the anti-competitive practices in Intellectual Property regime	Analyse
CO3	To analyse how the anti-competitive practices work	Analyse

	within the IP regime	
CO4	To understand the functioning of the different agencies that ensures this balance	Understand
CO5	To create and develop policies to minimize the friction between the two regimes	Create

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
CO 1	3	2	1		1	2
CO 2	3	1		2	1	1
CO 3	3	2	1	3		1
CO 4	2	2		2	3	
CO 5	3	2	1			3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Content

Module I – Basic Concepts of Competition Law-Philosophy and objectives of Competition Law – Models of Competitive Market – Different Types of Economic Efficiencies – Interface between IP – philosophical convergence and divergences – role in society.

Module II – Anti-competitive Agreements-Meaning – vertical and horizontal agreements – assessment through Appreciable Adverse Effect on Competition in the Market – Determination of Relevant Market – mechanism within IP regime to prevent anti-competitive agreements.

Module III – Abuse of Dominance-Dominance in the Market – identification of Relevant Market – Abusive Conducts under Competition regime – Dominance and relation with IP – mechanism within IP regime to mitigate abuse of dominance.

Module IV – Combinations-Merger, Acquisition, Amalgamation and Takeover – Horizontal, Vertical and Conglomerate Mergers – Regulations within Competition regime – mechanisms within IP regime – impact on public interest.

Module V – Enforcement Agencies-Role of CCI in adjudicating disputes – Comparison with other jurisdictions – adequacy of mechanisms within IP laws – Competition adjudication policy and its implications for IPR.

References (Refer to the latest edition of all books):

1. Claus-Dieter Ehlermann and Isabela Atanasiu (eds), *European Competition Law Annual: 2005 The Interaction between Competition Law and Intellectual Property Law*, Hart Publishing, (2007)
2. Gustavo Ghidini, *Innovation, Competition and Consumer Welfare in Intellectual Property Law*, Edward Elgar, (2010)
3. Josef Drexler, *Research Handbook on Intellectual Property and Competition Law*, Edward Elgar, (2008)
4. Katarzyna Czapacka, *Intellectual Property and the Limits of Antitrust*, Edward Elgar, (2009)
5. Sherri L. Burr, Edmund W. Kitch and Harvey S. Perlman, *Modern Intellectual Property and Unfair Competition Law*, Foundation Press, (2014).
6. Steven D. Anderman, *The interface between Intellectual Property Rights and Competition Policy*, Cambridge University Press, (2007)
7. TuThanh Nguyen, *Competition Law, Transfer of Technology and the TRIPS Agreement*, Edward Elgar, (2010)

SEMESTER III

PAPER 1. Acquisition of Intellectual Property: International Aspects (4 Credits)

Course outcomes

On completion of the course the student will be able to:

CO1	To understand the underlying principle followed in international procedure and international registration of IPRs;	Understand
CO2	To understand the international patent application filing mechanism under PCT;	Understand
CO3	To evaluate the national phase requirements for PCT applications in India;	Evaluate
CO4	To understand the international registration procedure for trademarks envisaged in Madrid Agreement and Madrid Protocol and its extension to India;	Understand
CO 5	To understand the procedure for international protection of design under Hague Agreement and its extension to India.	Understand

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1	2	3	2	
CO 2	1	2		1	3
CO 3	2	2	1	2	
CO 4		2		1	
CO 5	3	2	1		3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Content

Module I: International procedure and international registration -Need for international norms – justifications – difference between international procedure and international registration – implications - principles followed in international conventions - international filing – international registration – Merits and demerits.

Module II: Patent Cooperation Treaty (PCT) -Objectives - procedure –International Phase – application – international search – publication – international preliminary examination - National Phase – time limit – acts to be performed – special requirements – Merits and demerits.

Module III: National Phase application in India -Requirement and procedure Indian Patents Act - PCT application and Indian application – additional requirements for PCT applications - procedure – who can apply – examination – significance of international search and examination reports - pre and post grant oppositions – advantages for India.

Module IV: Acquisition of Trade Marks -Requirement and procedure Madrid Agreement and Madrid Protocol – purposes – differences - procedure – international application – basic application and basic registration – examination – dependency provisions – advantages and disadvantages – Indian Trade Marks Act –procedure – application - advertisement –opposition - registration – incorporation of Madrid System into Indian TM Act/statutory scheme – benefits.

Module V: Acquisition of Designs -Requirements and Procedure International protection of design – Hague Agreement concerning the international registration of industrial design – Locarno classification of Designs - procedure – application and registration - benefits - Statutory Scheme – procedure for registration -Cancellation of Design registration.

References (Refer to the latest edition of all books):

1. Adarsh Ramanujan, “Reflections of the Indian accession to the Madrid Protocol”, Vol. 13, JIPR, 2008.

2. Busso Bartels, “PCT and its importance to India”, Vol. 4, JIPR, 1999.
3. D P Mittal, *Supplement to Indian Patent Law and Procedure*, Taxmann Allied Services, (2003).
4. Denis Cohen, *The International Protection of Designs*, Kluwer Law International, (2000).
5. Jay Erstling, “The Patent Cooperation Treaty: At the Center of the International Patent System”, 32 William Mitchell Law Review, 2005. available at <http://open.wmitchell.edu/facsch/12>.
6. Kalyan C. Kankanala, et. al., *Indian Patent Law and Practise*, Oxford University Press, (2010).
7. *Manual of Patent Office Practice and Procedure: Version 3*, Office of Controller General of Patents, Design and Trade Marks, (2019).
8. N. K. Gupta, “Information for filing international applications for patent under Patent Co-operation Treaty by Indian Applicants”, Vol. 5, JIPR, 2000.
9. Niloy Kumar Gupta, “Overview of the Indian Industrial Law and Practices”, Vol. 4, JIPR, 1999.
10. Philip Walters, *Chartered Institute of Patent Attorneys (C.I.P.A.)*, Patent Cooperation Treaty Handbook, Sweet & Maxwell, (1997).
11. Rajeev Ranjan, “PCT System and its impact on developing countries”, Vol.8, JIPR, 2003.
12. Shivnath Tripathi, “The Relevance of Pre Grant Opposition under Indian Patent Law”, available at http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2365463.
13. The Designs Act 2000 (2020) and the Design Rules 2001 (2020).
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15. The PCT Applicant’s Guide available at <https://www.wipo.int/pct/en/guide/index.html>
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17. WIPO “Guide to the international registration of marks under the Madrid Agreement and the Madrid Protocol”, (2019), Available at http://www.ipindia.nic.in/writereaddata/Portal/IPOGuidelinesManuals/1_40_1_guidelines_MadridProtocol_17December2013.pdf
18. WIPO, *Introduction to Intellectual Property: Theory and Practice*, Kluwer Law International, (2nd edn., 2017).
19. WIPO, *The first twenty-five years of the Patent Co-operation Treaty (PCT) 1970-1995*, WIPO, Geneva, (1995).

PAPER 2. WTO Dispute Settlement and TRIPS Agreement (4 Credits)

Course outcomes

On completion of the course the student will be able to:

CO1	To understand the international decision-making process especially in the IP context;	Understand
CO2	To analyse the politics behind the decision-making process in the WTO platform;	Analyse
CO3	To evaluate the relation between international trade and intellectual property regime;	Evaluate

CO4	To apply developmental perspectives in international trade and IPR, with special reference to dispute settlement;	Apply
CO5	To create policy formulations in international trade law discussions from a developing and least developed nation perspective.	Create

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1	3	2		1
CO 2	2	2	2	2	2
CO 3	2	2		1	
CO 4	2	3	1		3
CO 5	1	3	2	3	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Content

Module I: History of WTO dispute settlement mechanism – international dispute settlement before the WTO era – ICJ- enforcement mechanism under ICJ - GATT1947, charter for an International Trade Organization (ITO)- Tokyo Round - reasons for Dispute Settlement Understanding (DSU) – IP forum shifting - TRIPS and DSB

Module II: DSU – objectives, coverage and administration – Panel – constitution –rules of composition – Appellate Review – Appellate Body – rules of composition –procedure – negative consensus.

Module III: WTO DSU Procedure – nullification or impairment – types of complaints – Part V of TRIPS Agreement – consultation – conciliation and mediation – Dispute before panel – mode of reaching final decision –procedure – adoption of panel reports –mode of implementation – surveillance by DSB – non-implementation – crossretaliation

Module IV: IP and DSB decisions - India Patent case – WT/DS 50/AB/R - Canada Pharmaceutical patent case WT/DS 114 – US – Section 110 (5) Copyright Act WT/DS 160 – Canada Patent term WT/DS 170 – WT/DS 290 GI – WT/DS 362/R China – Measures Affecting the Protection And Enforcement Of Intellectual Property Rights

Module V: DSB and Developing country members – lack of expertise - trend in decision making in IP context – impact on developing countries.

References (Refer to the latest edition of all books):

1. Acharya Rohini, *Regional Trade Agreements and the Multilateral Trading System*, United Kingdom: Cambridge University Press, (2016).
2. Chad P. Bown Joost Pauwelyn (ed.), *The Law, Economics and Politics of Retaliation in WTO Dispute Settlement*, Cambridge University Press, (2010).
3. Gregory C. Shaffer and Ricardo Meléndez-Ortiz (Eds.), *Dispute Settlement at the WTO: The Developing Country Experience*, Cambridge University Press, (2010).
4. J.G.Merrills, *International Dispute Settlement*, Cambridge University Press, (2011).
5. Ka Zeng, “Legal Capacity and Developing Country Performance in the Panel Stage of the WTO Dispute Settlement System”, 47(1) *Journal of World Trade*, 2013, pp. 187–213
6. Marceau Gabrielle, *A History of Law and Lawyers in the GATT/WTO: The Development of the Rule of Law in the Multilateral Trading System*. India: Cambridge University Press, (2015).
7. Mervyn Martin, *WTO Dispute Settlement Understanding and Development*, Martinus Nijhoff Publishers, (2013).
8. Palmet David and Petros C. Mavroidis, *Dispute Settlement in The WTO Practice and Procedure*, Cambridge University Press (2004).
9. Prévost, Denise and Van den Bossche, Peter, *Essentials of WTO Law*. India: Cambridge University Press, (2021).
10. Taubman Antony, Nuno Pires de Carvalho, Robert D. Anderson, *Competition Policy and Intellectual Property in Today's Global Economy*, United Kingdom: Cambridge University Press, (2021).
11. William J. Davey, “The WTO and Rules-Based Dispute Settlement: Historical Evolution, Operational Success, and Future Challenges”, 17 *J Int Economic Law*, 2014, pp. 679-700.
12. WTO, *A Handbook on the WTO Dispute Settlement System*. India: Cambridge University Press, (2017).

Semester IV

PAPER 1. TRIPS and Access to Medicine (4 Credits)

Course Outcomes

On completion of the course the student will be able to:

CO1	To understand the Paris Convention and TRIPS Agreement	Understand
CO2	To evaluate the challenges to patenting of pharmaceutical inventions	Evaluate
CO3	To analyse the TRIPS Agreement and evolution of Indian Patent Law	Analyse
CO4	To understand Discuss the implementation of TRIPS flexibilities	Understand

	in the Indian Patent law	
CO5	To analyse the impact on access to medicine post implementation of TRIPS flexibilities in India	Analyse

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1	2	1	1	1
CO 2		2	2	2	
CO 3	1	3		2	
CO 4		2	3	2	
CO 5		2	3		2
1-Low Correlation		2-Medium Correlation		3-High Correlation	

Course Content

Module I: Development of international patent system -Historical development of Paris Convention – basic principles of Paris Convention – minimum standards – revision of Paris Convention.

Module II: TRIPS Agreement and patent system -Historical development of TRIPS – general principles of TRIPS - patentable subject matter - term of protection - rights and limitations - transitional arrangements.

Module III: Patenting of pharmaceutical inventions-New challenges to patent system – inventing new drugs – the process and challenges – issues on patenting – patenting improvements – ever greening of pharmaceutical patents – TRIPS flexibilities – patenting of pharmaceutical inventions under the Indian Patent Act – definition of new chemical entities – exclusions – limiting the scope of patentable subject matter and facilitating access to medicine.

Module IV: Facilitating access to medicine-Indian patent system and international obligations – limitations and exceptions – educational and research exceptions – bolar exceptions – parallel importation – protection of test data – alternative to patents, Delinking.

Module V: Compulsory licences under the Indian Patent Act and TRIPS flexibilities - Doha Declaration and its implementation structure of the Indian pharmaceutical industries - limits of the patent law in facilitating access to new medicines at affordable cost.

References (Refer to the latest edition of all books):

1. Abbott Frederick M. and Jerome H. Reichman, “The Doha Round’s Public Health Legacy: Strategies for the Production and Diffusion of Patented Medicines under the Amended TRIPS Provisions”, 921/ 10 *Journal of International Economic Law*, 2007.
2. Abbott Frederick M., “The Doha Declaration on the TRIPS Agreement and Public Health: Lighting a Dark Corner at the WTO”, 5 *Journal of International Economic Law*, 2002.
3. Abbott Frederick M., “The WTO Medicines Decision: World Pharmaceutical Trade and the Protection of Public Health”, 317/ 99 *American Journal of International Law*, 2005.
4. Canada – patent protection of pharmaceutical Products WT/DS 114/R 8.
5. Chaudhuri Sudip et. al., “Five Years into the Product Patent Regime: India’s Response”, UNDP report, 2010.
6. Correa, Carlos., “Protection of Data Submitted for the Registration of Pharmaceuticals: Implementing the Standards of the TRIPS Agreement”, South Centre, 2002.
7. Dhar Biswajith and K.M.Gopakumar, “Post-2005 TRIPS scenario in Patent Protection in the Pharmaceutical Sector: The case of the generic pharmaceutical industry in India”, ICTSD and UNCTAD, 2006.
8. Dutfield Graham, “Delivering Drugs to the Poor: Will the TRIPS Amendment Help?” 1 *American Journal of Law and Medicine*, 2008.
9. Fellmeth Aaron Xavier, “Secrecy, Monopoly, and Access to Pharmaceuticals in International Trade Law: Protection of Marketing”, 45 *Harv. Int’l LJ.*, 2004.
10. Fellmeth Aaron Xavier., “Secrecy, monopoly, and access to pharmaceuticals in international trade law: protection of marketing approval data under the TRIPS Agreement”, 45 *Harv. Int’l LJ.*, 2004.
11. Gopakumar K M, “Twenty Years of TRIPS Agreement and Access to Medicine: A Development Perspective”, 55(3) *Indian Journal of International Law*, 2015, pp. 367-404.
12. Gopakumar K M., “Product Patents and Access to Medicines in India: A Critical Review of the Implementation of TRIPS Patent Regime”, 3(2) *The Law and Development Review*, 2010, pp. 326-368.
13. JakkritKuanpoth, *Patent Rights in Pharmaceuticals in Developing Countries: Major Challenges for the Future*, Edward Elgar Publishing Ltd, (2011).
14. Joo-Young Lee, *A Human Rights Framework for Intellectual Property, Innovation and Access to Medicines*, Routledge Publishers, (2015), see Chapters 2, 3, 4 and 7.
15. Kapczynski Amy, “Harmonization and Its Discontents: A Case Study of TRIPS Implementation in India’s Pharmaceutical Sector”, 1571/ 97 *California Law Review*, 2009.
16. Love James Packard, “Alternatives to the patent system that are used to support R&D efforts, including both push and pull mechanisms, with a special focus on innovation-inducement prizes and open-source development models”, Committee on Development and Intellectual Property” (CDIP), WIPO, 2014.
17. Mueller Janice M., “The Tiger Awakens: The Tumultuous Transformation of India’s Patent System and the Rise of Indian Pharmaceutical Innovation”, 68 *University of Pittsburgh Law Review*, 2007.
18. Phoebe Li, *Health Technologies and International Intellectual Property Law: A Precautionary Approach*, Routledge Research in Intellectual Property, (2014). See Part I, Chapter 1.2 and Chapter 5.
19. Pogge Thomas, Matthew Rimmer, Kim Rubenstein (Eds), *Incentives for Global Public*

Health: Patent Law and Access to Essential Medicines, Cambridge University Press, (2010).

20. Sell Susan K, "TRIPS and the Access to Medicines Campaign", 491(20) Wisconsin International Law Journal, 2001-2002.

Paper 2. Intellectual Property and Technology (4 credits)

Course Outcomes:

On completion of the course the student will be able:

CO1	To analyze the applicability and limitations of traditional IP frameworks in regulating emerging technologies and contemporary technological challenges.	Understand
CO2	To compare and assess global IP regulatory approaches to technology governance	Understand
CO3	To evaluate the impact of technological advancements on IPR enforcement and understand regulatory and ethical issues arising from new technologies.	Understand
CO4	To create policy-informed solutions to contemporary IP challenges in the digital economy, balancing innovation, access, and rights enforcement	Create
CO5	To create expertise in international platforms for developing and underdeveloped nations.	Create

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6
CO 1	3	1	1	2	2	3
CO 2	3	1	1	1	3	
CO 3	3	1	2	2	3	
CO 4	3	2		1		3
CO 5	2		1		2	3

1-Low Correlation

2-Medium Correlation

3-High Correlation

Module 1: Introduction: IP and technology interface- applicability and limitations of traditional IP frameworks in regulating emerging technologies- Cross-disciplinary approaches: IP, technology ethics, and societal impact

Module 2: Copyright in the Digital Ecosystem: Originality and authorship in emerging technology—User generated content and its authors—Copyright and digital media—Digital rights management (DRM) and anti-circumvention measures—Protection of algorithmically generated works and authorship doctrine—Liability of platforms: safe harbours, DMCA, and content moderation—Licensing models for streaming and remix culture—Copyright and machine learning datasets (training and fair use).

Module 3: Patents and Emerging Innovations: Non-obviousness and inventive step in emerging fields - Patentable subject matter: algorithmic and AI-generated inventions--- patenting business methods- Patent challenges in emerging technologies (Synthetic biology and CRISPR technologies)-Patent landscape analysis and technology forecasting - Patent pooling, cross-licensing, and standards (SSOs, SEPs, FRAND licensing).

Module 4: Intellectual Property in Digital Ecosystems and Data Economy -- IP issues in cloud computing, SaaS, and platform-based services- Data ownership, rights, and licensing in the era of big data-GDPR-The Digital Personal Data Protection Act, 2023- IP protection for AI-generated works and algorithms- Blockchain, smart contracts, and decentralized IP management - Tokenization of IP assets (NFTs, DAOs)- Open-source licensing in AI and software stacks.

Module 5: Legal and Policy Challenges in IP and Technology: IP enforcement in digital and cross-border contexts- IP considerations in autonomous systems and IoT - Open innovation models and their intellectual property implications- Future-proofing IP laws for continuous technological change.

References (Refer to the latest edition of all books):

1. Baruah, Sunandan, author.; Saikia, Ankur P., *Licensing Standard-Essential Patents in Artificial Intelligence-Based Apps: A Theory on Dynamic Royalty Pricing Mechanism*, (John Wiley & Sons Ltd, 2023).
2. Bonadio, Enrico, Lucchi, Nicola, Mazziotti, Giuseppe, “Will Technology-Aided Creativity Force Us to Rethink Copyright's Fundamentals? Highlights From the Platform Economy and Artificial Intelligence”, Volume 53, Issue 8 International Review of Intellectual Property Law & Competition Law (2022).
3. Cuntz, Alexander, Fink, Carsten, & Stamm, Hansueli, “Artificial Intelligence and Intellectual Property: An Economic Perspective - Economic Research Working Paper”, No. 77. World Intellectual Property Organization, (2024).
4. David Bainbridge, *Information Technology and Intellectual Property Law*, (Bloomsbury Publishing India, 2024).
5. Ducato, Rossana, Strowel, Alain, "Ensuring text and data mining: remaining issues with the EU copyright exceptions and possible ways out", 43(6), European Intellectual Property Review, 322-337 (2021).
6. Gordon Hull, *The Biopolitics of Intellectual Property: Regulating Innovation and Personhood in the Information Age*, (Cambridge University Press, 2019).
7. Islam, Toriql, *Regulatory Challenges of AI Governance in the Era of ChatGPT*, (Kluwer Law International, 2024).

8. Janice M. Mueller, "Patent Misuse through the Capture of Industry Standards", 17 Berkeley Tech. L.J. 623, 634 (2002).
9. Jing Li, Quanwei Huang, "Intellectual Property Protection in the Age of AI: From Perspective of Deep Learning Models" Vol. 16, (4), International Journal of Advanced Computer Science and Applications (2025)
10. Kung-Chung Liu and Reto M. Hilty, SEPs, SSOs and FRAND Asian and Global Perspectives on Fostering Innovation in Interconnectivity (Routledge 2020).
11. Lee, Jyh-An, Reto Hilty, and Kung-Chung Liu (eds), *Artificial Intelligence and Intellectual Property* (Oxford University Press, 2021).
12. Legner, Sarah, "Are Works of Artificial Intelligence in Need for Further Protection?", 43(2), 71-73 EIPR, (2021).
13. Maria Lilla Montagnani, "Predatory and Exclusionary Innovation: Which Legal Standard for Software Integration in the Context of the Competition versus Intellectual Property Rights Clash?" 37 Int'l Rev. Intell. Prop. Competition L. 304, 310 n. 17 (2006).
14. Mark A. Lemley, "Intellectual Property Rights and Standard-Setting Organizations", 90 Cal.L. Rev. 1889, 1894 (2002).
15. Peter S Menell, Mark A Lemley, Robert P Merges, *Intellectual Property in the New Technological Age 2023 Vol. II Copyrights, Trademarks and State IP Protections* (Clause 8 Publishing 2023).
16. Peter S Menell, Mark A Lemley, Robert P Merges, Shyamkrishna Balganesh, *Intellectual Property in the New Technological Age 2023 Vol. I Perspectives, Trade Secrets and Patents* (Clause 8 Publishing 2023).
17. Picht, Peter Georg, Thouvenin, Florent, "AI and IP: Theory to Policy and Back Again - Policy and Research Recommendations at the Intersection of Artificial Intelligence and Intellectual Property" Volume 54, Issue 6. International Review of Intellectual Property & Competition Law (2023).
18. Ryan Abbott (ed) *Research Handbook on Intellectual Property and Artificial Intelligence*, (Elgar Publishing 2022).
19. Straus, Joseph, "Artificial Intelligence and Patenting: Some Lessons from "DABUS" patent applications 44(6), EIPR .348-358 (2022).
20. Swan, Edward J., *Artificial Intelligence Law* (Kluwer Law International, 2024).
21. Walter G. Park, (ed) *Handbook of Innovation and Intellectual Property Rights Evolving Scholarship and Reflections*, (Edward Edgar Publishing, 2024).
22. Owoeye, Olasupo, Ajayi, Omolara, "Artificial intelligence and the patentability of AI invention" E.I.P.R. 45(4), 228-235 (2023).

Semester V

PAPER 3. Research Methodology

Course Outcomes

On completion of the course the student will be able:

CO1	To understand the aim, scope and significance of research;	Understand
CO2	To apply effective doctrinal as well as non- doctrinal legal research using fundamental tools of research;	Apply
CO3	To understand and develop skills to identify and formulate a research problem and design their research work;	Understand
CO4	To summarize, analyze, synthesize existing research and gaps through literature review.	Create
CO5	To create research papers, articles, notes, case comments etc. using standard forms of legal citations;	Create

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1		2		
CO 2	2	2			
CO 3		1		3	
CO 4	1				3
CO 5		1			3

1-Low Correlation

2-Medium Correlation

3-High Correlation

Module 1: Introduction and Methods of Research: Meaning, Concept, Nature, Steps, Types and Characteristics of research. -Methods of Research- Qualitative and quantitative- Characteristics of methods and their implications in research area.

Module 2: Research Design and Development of research proposal - Identifying and defining a research problem- Setting objectives and formulating hypotheses- Types of research designs- Exploratory, Descriptive, Explanatory- Research proposal and its elements-Formulation of research problem

Module 3: Data Collection Methods- Methods of data collection Concept of sampling and other concepts related to sampling- Redesigning, research tools-like questionnaire, opinionnaire, observation, interviews, scales and tests etc.

Module 4: Data Analysis and Interpretation Analysis of qualitative and quantitative data (thematic analysis, coding) and its presentation with tables, graphs etc, - Introduction to descriptive and inferential statistics- Using software tools (Excel) - Interpreting results and drawing conclusions- Decision making with hypothesis testing through parametric and non-parametric tests. Validity and delimitations of research findings.

Module 5: Reporting Research and Academic Writing- Principles of report writing and guide lines according to style manuals. Writing and presentation of preliminary, main body and reference section of report-Structure of a research report/thesis- Citation and referencing styles (OSCOLA/Bluebook/APA) - Writing an abstract and literature review- Plagiarism and how to avoid it - Publishing research: journals, conferences, and peer review.

References (Refer to the latest edition of all books):

1. Erwin C. Surrency *et. al.*, *A Guide to Legal Research*, Oceanea Publications, (1966).
2. *Evaluation Reforms in Higher Education Institutions*, UGC, (2019).
3. H.M. Hyman, *Interviewing in Social Research*, University of Chicago, (1965).
4. *Legal Research and Methodology*, ILI Publication, (2001)
5. Manheim, *Sociological Research: Philosophy and Methods*, Doresy Press, (1997).
6. Morris L. Cohan, *Legal Research in Nutshell*, West Publishing Co., (1996).
7. Morris L. Cohen, *How to Find the Law*, University of Michigan, (1989).
8. Payne, *The Art of Asking Questions*, Princeton University Press, (1980).
9. Peter Goodrich, *Reading the Law*, B. Blackwell, (1986).
10. Peter W. Martin, *Introduction to Basic Legal Citation*, (online ed. 2010) available at <http://www.law.cornell.edu/citation/>
11. Philip Whitehead and Anne Matthewman, *Legal Writing and Research Manual*, Lexis Nexis, Butterworths, (2004).
12. S. K. Verma and Afzal Wani, *Legal Research Methodology*, ILI, New Delhi, 2nd edn., 2001).
13. Sally Kift, *A Tale of Two Sectors: Dynamic Curriculum Change for a Dynamically*
14. *The Blue Book: A Uniform System of Citation*, Harvard Law School, (21st edn., 2020) available at <https://www.legalbluebook.com/>.
15. *The Blue Book: A Uniform System of Citations*, Havard Law Review Association, (2000).
16. Victor Tunkel, *Legal Research*, Blackstone Press, (1992).
17. William J. Grade and Paul K. Hatt, *Methods in Social Research*, Mc Graw-Hill Book Company, London (1952).
18. Young P.V. and Schmid C.F., *Scientific social surveys and research: An introduction to the background, content, methods, principles and analysis of social studies*, (4th edn.,1966).

ELECTIVES

1. IPR and Computer Programs (4 Credits)

Course outcomes

On completion of the course the student will be able:

CO1	To understand the role of intellectual property in the development of current technologies;	Understand
CO2	To understand the current Indian position on the protection of computer programs;	Understand
CO3	To evaluate the best intellectual property regime to protect in computer programs;	
CO4	To analyse the protection of computer programs in various countries;	
CO5	To analyse whether IP is a necessary component for innovation in computer programs.	

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1	2	1	2	2
CO 2	1	2	2		1
CO 3		3	3	2	2
CO 4	1	2		2	1
CO 5		2	1	2	1

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Content

Module 1: Introduction to computer program – basic concepts of computer science – concepts, terminology and principles – distinction between computer program and software – elements of computer program – algorithm – computer languages – method of software development – materials used for software development – literal and functional elements of computer program

Module II: Introduction to IP Protection for computer program – historical development of IP protection for computer software – contractual agreements – role of IBM – cases on contractual violations

Module III: Computer program and copyright protection – historical development of copyright protection for computer program – concept of originality – idea-expression dichotomy –originality in computer program– look and feel – abstraction, filtration and comparison –protection of non-literal elements – the US and English case law development – fair use –TRIPS obligations – copyright protection of computer program in India – originality, rights, fair use, remedies- how copyright protection has withered away to pave path for patent protection

Module IV: Computer program and patent protection – development of patent protection of computer program in the US – algorithm as patentable subject matter –patentability of computer related inventions – computer program as a ‘means to an end’ for patent protection – patenting of business methods – TRIPS obligations – patent protection for computer program in India – implications- development of artificial intelligence and role of computer program- Indian guidelines on computer program and artificial intelligence Analysis of Indian judgments

Module V: IP protection of computer program– alternatives – free software movement – legal validity of general public licence agreements – patenting software and challenges to open-source movement

References (Refer to the latest edition of all books):

1. Pamela Samuelson *et.al*, “A Manifesto Concerning the Legal Protection of Computer Programmes”, Columbia Law Rev., 1994.
2. Peter S. Mennel, “Challenges of Reforming Intellectual Property Protection for Computer Programmes”, Columbia Law Rev., 1994.
3. Paul Goldstein, “Comments on Manifesto Concerning the Legal Protection of Computer Programmes”, 2573 Columbia Law Rev., 1994
4. Leslie Melville, “Computer Software and the Relevance of Copyright”, 354 EIPR, 1980.
5. Daniel J. Fetterman, “The Scope of Copyright Protection for Computer Programmes: Exploring the Idea/expression Dichotomy”, 399 IPLR, 1988.
6. Julian Velasco, “The Copyrightability of Non-literal Elements of Computer Programmes”, 329(27) IPLR, 1995.
7. Allen B. Wagner, “Patenting Computer Science: Are Computer Instruction Writings Patentable?”, The John Marshall Journal of Computer and Information Law, 1998.
8. Jur. Strobos, “Stalling the Exclusive Patentable Software: Are there Still Diehsor Was it Just a Flook/”, 363(6) Horr. J. Of Law & Tech., 1992-93.
9. John Swinson, “Copyright or Patent or Both: An Algorithmic Appeal to Computer Software Protection”, 145(5), Harv.J of Law & Tech., 1991.
10. Allen B. Wagner, “Patenting Computer Science: Are Computer Instructions Writings Patentable?”, 5(11) The John Marshall Journal of Computer and Information Law, 1998.
11. John Swinson, “Copyright or Patent or Both: An Algorithmic Appeal to Computer Software Protection”, 145(5) Harv. J of Law & Tech., 1991.
12. Mark A. Lemley, “The Limits of Claim Differentiation” (Stanford Law School, Public Law and Legal Theory Research Paper Series No. 1008885).
13. *Alice Corp. v. CLS Bank* (134 S. Ct. 2347 (2014))
14. Tanya Aplin (Ed.), *Artificial Intelligence, Big Data and Intellectual Property*:

- Protecting Computer Generated Works in the United Kingdom, Research Handbook on Intellectual Property and Digital Technologies*, Edward Elgar Publishing Ltd, (2019).
15. Mark A. Lemley et. al., “Life after Bilski”, (Doctoral dissertation, University of Pennsylvania).

2. Copyright and Entertainment Industry (4 credits)

Course Outcomes

On completion of the course the student will be able to:

CO 1	To understand the role of intellectual property in the entertainment industry;	Understand
CO 2	To understand the evolution of creative industry;	Understand
CO 3	To analyse the difference between the theory and practical level application of IP law in the entertainment industry;	Analyse
CO 4	To analyse the economic structure within the entertainment industry;	Analyse
CO 5	To understand the role of intellectual property law in regulating and preventing exploitations in the creative industry.	Understand

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1	2	1	2	1
CO 2	1	2	2	2	
CO 3	3	2		1	1
CO 4	2	2	2	1	
CO 5	1	3	1		1

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Content

Module I: Notion of entertainment industry –Publishing, audio-visual and music industry - impact of digital technology on the industry - its significance – social political and economic -

justification for protecting the industry – difference - concept of creativity – publishing, audio-visual and music industry –extend of creative expressions – International position – Berne Convention, Rome Convention, TRIPS, WCT, WPPT - Indian copyright Act.

Module II: Creator in the entertainment industry-Industrial practice – publishing – special positions in the audio-visual and music industry – concept of author under copyright law – role of director and performer - international position – Berne Convention, TRIPS - Indian copyright law

Module III: Enjoyment of rights-concept of co-existence of rights - rights sharing – relation between creator and owner -automatic transfer of ownership – employment – commissioned work - voluntary transfer – assignment – licence – industry practices – new changes in relationship.

Module IV: Revenue Sharing-Incentivizing the creator – royalty sharing – industry practices – Indian and foreign - new changes in the Indian law – collection and distribution – role of collecting societies –constitution and functions of copyright societies.

Module V: Consumers and entertainment industry-Cultural development – freedom of speech and expression – fair use, parody, derivative works – enforcement – International position; Indian position; Other Jurisdiction – US –PIPA and SOPA.

References (Refer to the latest edition of all books):

1. David Hesmondhalgh and Andy C. Pratt, “Cultural Industries and Cultural Policy”, 11 (1) International Journal of Cultural Policy, 2005, pp. 1-14.
2. Giuseppina D’Agostino, *Copyright, Contracts, Creators – New Media, New Rules*, EE (2010).
3. Hendrik van der Pol, “Key Role of Cultural and Creative Industries in the Economy”, UNESCOInstitute for Statistics, Canada. 2007.
4. Hye-Kyung Lee, “Between Fan Culture and Copyright Infringement: Manga Scanlation”, 36(6) Media, Culture & Society, 2010, pp. 1011- 1022.
5. Jessica Reyman, *The Rhetoric of Intellectual Property: Copyright Law and the Regulation of Digital Culture*, Routledge (2009).
6. Jon M Garon, “The Heart of the Deal: Intellectual Property Aspects in the Law and Business of Entertainment”, Vol. 17 JIPR, 2012, pp. 443-453
7. Notaro Anna, “Technology in Search of an Artist: Questions of Auteurism/ Authorship and the Contemporary Cinematic Experience”, *The Velvet Light Trap*, 57 Spring 2006, pp. 86-97.
8. Ruth Towse, “Cultural Economics, Copyright and the Cultural Industries”, 22(4) Society and Economy in Central and Eastern Europe”, 2000, pp. 107- 134.
9. Ruth Towse, *Copyright in the Cultural Industries*, Edward Elgar, UK (2002).
10. Sellors C. Paul, “Collective Authorship in Film, The Journal of Aesthetics and Art Criticism,65:3 Summer, 2007.
11. Verma Manish et. al., “Intellectual Property Rights and Indian Entertainment Industry: An Overview”, available at https://www.researchgate.net/publication/318122730_Intellectual_Property_Rights_and_Indian_Entertainment_Industry_An_Overview

3. Patent Law and TRIPS Agreement (4 Credits)

Course Outcomes

On completion of the course the student will be able:

CO 1	To understand the evolution of patent system historically in different countries	Understand
CO 2	To understand the importance of TRIPS Agreement in relation to patents	Understand
CO 3	To evaluate the changes brought in various domestic legal systems post-TRIPS	Evaluate
CO 4	To analyse how India has used the TRIPS flexibilities in its patent system	Analyse
CO 5	To evaluate the patent system in the changing technological, economic and social contexts	Evaluate

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1	3	2	2	
CO 2	1	2	1	1	3
CO 3	2	3	3	2	
CO 4	1	2	1	1	
CO 5		2	3	2	

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Content

Module I: Origin and Development of Patent law -Introduction to patent law – historical development – purpose and form of early patents – Statute of monopolies – transformation to the modern patent law - general principles – test of patentability – novelty, inventive step and commercial utility – theoretical justification for patent protection

Module II: International Patent system -Development of international patent system and its necessity – historical development of Paris Convention – basic principles of Paris Convention – minimum standards – revision of Paris Convention.

Module III: TRIPS Agreement and patent system -GATT, WIPO and the need for TRIPS -

lobbying Changes from Paris convention - patentable subject matter – Impact of TRIPS on pharmaceuticals including modern biologics and agriculture.

Module IV: New international challenges to patent system -SPLT - FTA - TPP - its comparison with TRIPS

Module V: Impact of TRIPS on Indian patent system -History of Indian patent law – Earlier approach to patents - Impact of TRIPS on Pharmaceuticals Agriculture, and Computer Related Inventions.

References (Refer to the latest edition of all books):

1. Bodenhausen, *Guide to the Application of Paris Convention for the Protection of Industrial Property*, WIPO (2004).
2. Correa, Carlos, *Trade Related Aspects of Intellectual Property Rights: A Commentary on the TRIPS Agreement*, Oxford University Press, (2007).
3. Dhavan Rajiv et.al, “*Paris Convention Revisited*”, 31, JILI, (1991).
4. Dhavan Rajiv et.al, “Whose Interest? Independent India’s Patent Law and Policy”, 429(32) J.I.L.I, (1990).
5. Drahos Peter, *A Philosophy of Intellectual Property*, Dartmoth, (1996).
6. Ellen FM. et. al., *Medicine procurement and the use of flexibilities in the Agreement on Trade Related Aspects of Intellectual Property Rights, 2001–2016*, Bull World Health Organization, (2018).
7. Haardt, W. L., *Terrel on the Law of Patents*, Sweet & Maxwell, London,1971. (latest edition)
8. Hughes, J., *The philosophy of intellectual property*, 77 *Geo. LJ*, p 287, (1988)
9. Hulme EW, *History of the patent system under the prerogative and at common law*, 12 *LQ Rev.*, (1896).
10. Iyyangar Rajagopal, *Report on the Revision of the Patent Law*, Government of India, (1959).
11. Mani S., Richard and R. Nelson (ed.), *TRIPS Compliance, National Patent Regimes and Innovation: Evidence and Experience from Developing Countries*, Edward Elgar Publishing (2013).
12. Matthews Duncan, *Intellectual Property, Human Rights and Development: The Role of NGOs and Social Movements*, Edgar Elgar Publication (2011).
13. Reichman JH., “Of green tulips and legal kudzu: Repackaging rights in sub patentable innovation”, 53 *Vand. L. Rev.*, (2000).
14. Stewart Terence P., *GATT Uruguay Round: Negotiating History* Kluwer, Law International, (1999).

4. Protection of Broadcasting Organisations (4 Credits)

Course Outcomes

On completion of the course the student will be able to:

CO 1	To understand broadcast and the different technological means through which broadcasting is made possible;	Understand

CO 2	To analyse the need for protection of broadcast organizations;	Analyse
CO 3	To understand the rights and limitations of broadcasting organisations under the Copyright Act, 1957;	Understand
CO 4	To evaluate the protection conferred to broadcasting organizations by international conventions and Indian Copyright Act, 1957;	Evaluate
CO 5	To analyse the effectiveness of the enforcement procedures available in the Copyright Act, 1957	Analyse

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1	3	2	3	
CO 2		2	1		2
CO 3	1	3		2	
CO 4	3	2	1		
CO 5	1	2	2	1	2

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course content

Module I: Nature and functions of Broadcasting Organisation-Technical meaning of broadcast – display, diffusion and transmission of broadcast –technological change - from wireless to wire - ‘free to air’ to ‘pay per view’ –technological difference in transmission through internet – functions of the organisation –historical development – significance in the socio-political context,

Module II: Rationale for independent protection-Theoretical justifications - relationship with the works – elements of creativity in broadcasting – investment in broadcasting - cultural and economical – broadcasting in traditional sense and through computer networks – nature of technology and economic investment.

Module III: Concept of broadcast -concept of signal – difference between broadcast and broadcasting – simulcast and webcast – difference from broadcast – need for separate protection – protection of signal and not the work - International position – Rome Convention, TRIPS, WIPO negotiations – concept of broadcast in Indian Copyright Act.

Module IV: Rights of broadcasting Organisations-concept of related rights or neighbouring

right - International law – Rome and TRIPS –right of fixation – rebroadcast –post fixation rights – distribution – communication to public - protection of pre-broadcast signals – right of re-transmission – deferred transmission - WIPO negotiations – relation with owner of copyright in works and performers’ right – provisions in the Indian Copyright Act.

Module V: Enforcement -infringement of rights - defenses available – fair use and protection of freedom of speech and expression - use of TPMs and its consequences - civil and criminal remedies –provisions in the Indian Copyright Act.

References (Refer to the latest edition of all books):

1. Adam R. Tarosky, “The Constitutionality of WIPO’S Broadcasting Treaty: The Originality and Limited Times Requirements of the Copyright Clause”, 16 Duke Law & Technology, 2006.
2. Eric M. Barendt and Alison Firth, *Year Book of Copyright and Media Law*, OUP (1999)
3. Jackie Harrison & Loma Woods, *European Broadcasting Law and Policy*, Cambridge University Press (2007).
4. Kanchana Kariyawasam and Matthew Tsai, “Copyright and Live Streaming of Sports Broadcasting”, *International Review of Law, Computers & Technology*, 2017.
5. M Sakthivel, “Is it Broadcast or Broadcasting?” 16 JIPR, pp. 23- 26, 2011.
6. Matt Jackson, “From Broadcast to Webcast: Copyright Law and Streaming Media”, 447/ 11 Tex. Intell. Prop. L.J., 2002-2003.
7. Megumi Ogawa, *Protection of Broadcaster’s Right*, MartinusNijhoff (2006).
8. Natali Helberger, *Controlling Access to Content – Regulating Conditional Access in Digital Broadcasting*, Kluwer (2005).
9. Patricia Akester, “The Draft WIPO Broadcasting Treaty and its impact on Freedom of Expression”, UNESCO, e-Copyright Bulletin, 2006.
10. Ted Shapiro, “The territoriality of Copyright in the Digital Single Market: A Closer Look at the Proposed Broadcaster Regulation”, 113 Intellectual Property Forum: Journal of the Intellectual and Industrial Property Society of Australia and New Zealand, 2018.
11. Tome Rivers, *A Broadcasters ‘Treaty’ in Paul Torremans, Copyright Law: A Handbook of Contemporary Research*, EE (2007).

5. Protection of Traditional Knowledge (4 Credits)

Course Outcomes

On completion of the course the student will be able to:

CO1	To understand the need to respect, preserve and protect traditional knowledge and traditional cultural expression	Understand
CO2	To analyse the Indian and international efforts to bring out policy measures for the protection of traditional knowledge and traditional cultural expressions	Analyse
CO3	To analyse the adequacy of the mechanisms in practice for protection of traditional knowledge and traditional cultural expressions	Analyse

CO4	To evaluate the feasibility of protecting traditional knowledge and traditional cultural expressions through the IP regime	Evaluate
CO5	To understand and compare the laws in different jurisdictions on the protection of traditional knowledge and traditional cultural expressions	Understand

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1	2	2		2
CO 2	2	2		3	
CO 3	1	2	1	2	1
CO 4	2	1	3	2	
CO 5	2	3	3	2	

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Content

Module I: Introduction to traditional Knowledge and Issues with IP-Intellectual Property – general – brief overview of different forms of IP – difference between intellectual property and traditional knowledge

Module II: Conceptual Analysis of Traditional Knowledge and Traditional Cultural Expressions -Detailed analysis of traditional knowledge and traditional cultural expressions - folklore - difference – conceptual analysis – international and national perspectives

Module III: International Protection of Traditional Knowledge and Traditional Cultural Expressions -International development of traditional knowledge protection – CBD – FAO International Treaty on Plant Genetic Resources – protection of folklore/cultural expressions by UNESCO - developments in WIPO on traditional knowledge and traditional cultural expressions

Module IV: Defensive Protection of Traditional Knowledge -Defensive protection of TK – TKDL – databases – Ayurveda – biodiversity registers

Module V: Protection of traditional Knowledge under Indian laws and Comparison with other Jurisdictions -Positive protection of TK under Indian laws – patents – plant variety and biodiversity –geographical indications – trade secrets – test data protection – comparative

analysis of protection in Philippines, Thailand and China

Reference (Refer to the latest edition of all books):

1. Christoph Belman and Graham Dutfield, *Trading in Knowledge: Development Perspectives on TRIPS, Trade and Sustainability*, Earthscan Publications Ltd. (2003).
2. Convention on Biological Diversity, 1992 and International Treaty on Plant Genetic Resources for food and Agriculture (2002)
3. Gopalakrishnan N. S. and Benoy K. Kadavan, *Study on Test data Protection in India*, Eastern Book Company, Lucknow (2005)
4. Graham Dutfield, "Protecting Traditional Knowledge: Pathways to the Future", ICTSD Programme on IPRs and Sustainable Development, 2006,
5. Inter-Governmental Committee Reports, WIPO on TK& TCE protection, WIPO, Geneva.
6. Marin Patricia Lucia, "Providing Protection for Plant Genetic Resources: Patents, Sui Generis Systems and Bio-Partnerships", 4, Kluwer Law International (2001)
7. Reports of FAO, The State of World's Plant Genetic Resources for Food and Agriculture
8. UNESCO/WIPO Model Provisions for Protection of Folklore/ Cultural Expressions.
9. W.R. Cornish, *Intellectual Property: Patents, Copyrights, Trademarks and Allied Rights*, Sweet and Maxwell (2004).
10. WIPO Reading Material on Intellectual Property, WIPO, Geneva.

6. Genetic Resources and Associated Traditional Knowledge (4 Credits)

Course Outcomes

On completion of the course the student will be able to:

CO 1	To analyse the concept of property in genetic resources and associated knowledge;	Analyse
CO 2	To understand the relevance of the concept of collective property;	Understand
CO 3	To understand the issues posed by the IP regime to the ownership of genetic resources and associated traditional knowledge;	Understand
CO 4	To analyse the Indian laws and international laws on protection of genetic resources and associated traditional knowledge;	Analyse
CO 5	To analyse the interface between IPRs and genetic resources and associated traditional knowledge.	Analyse

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5

CO 1	1	3	2		
CO 2	1	3		3	2
CO 3	2	2	3	3	
CO 4	1	3	3		2
CO 5	2	2	3	2	

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Content

Module I: Nature of Property in Genetic Resources and Associated Traditional Knowledge -Genetic Resources and associated TK as property – nature of property in GR and associated TK – common heritage of mankind – CBD – permanent sovereignty

Module II: Ownership Issues in Genetic Resources and Associated Traditional Knowledge -Ownership in GR and TK – elements of ownership – exclusivity and possession –nature of ownership of GR and TK in CBD, and Nagoya Protocol (PIC & BS)

Module III: Access and Benefit Sharing of Genetic Resources and Associated Traditional Knowledge under International and Indian Laws-Benefit sharing – different types of benefits and benefit sharing – beneficiaries –CBD, Nagoya Protocol and Indian law

Module IV: Bilateral and Multilateral Benefit Sharing Systems of Genetic Resources and Associated Traditional Knowledge -Bilateral vs. Multilateral Benefit Sharing – CBD, Nagoya Protocol and ITPGRFA

Module V: Interface between IPR and GR and TK- Interface between IPR, GR and TK – TRIPS-CBD conflict and proposed solutions- developments in WIPO on genetic resources.

References (Refer to the latest edition of all books):

1. Chidi Oguamanam, *Intellectual Property in Global Governance: A Development Question*, Routledge, (2012).
2. Christoph Antons (Ed.), *Traditional Knowledge, Traditional Cultural Expressions and Intellectual Property Law in the Asia Pacific Region*, Kluwer Max Planck Series, (2009).
3. Daniel F. Robinson, *Confronting Biopiracy: Challenges, Cases and International Debates*, Earthscan, (2010).
4. Geoff Tansey and TasmineRojotte (Eds.), *The Future Control of Food: A Guide to International Negotiations and Rules on Intellectual Property*, Earth Scan, London (2008).
5. Gerald Moore and Witold Timousky, *Explanatory Guide to the International Treaty on Plant Genetic Resources for Food and Agriculture*, IUCN, Gland, Switzerland and Cambridge, (2005).
6. Graham Dutfield, *Intellectual Property Rights, Trade and Biodiversity*, Earthscan

- Publications Ltd, London (2000).
7. Jonathan Curci, *Protection of Biodiversity and Traditional Knowledge in the International Law of Intellectual Property*, Cambridge University Press, (2010).
 8. Kohli, K., and S. Bhutani, "Chasing Benefits Issues on Access to Genetic Resources and Traditional Knowledge with reference to India's Biodiversity Regime A post-Nagoya Protocol view on Access and Benefit Sharing", paper for the NGO Alliance on CBD (India) and WWF-India's CSO", 2011.
 9. Michael I. Jeffery et.al (Eds.), *Biodiversity Convention, Law and Livelihood, Bridging the North South Divide*, IUCN Academy of Environmental Law Research Studies, IUCN, (2002).
 10. Nijar, G.S., *The Nagoya Protocol on access and benefit sharing of genetic resources: analysis and implementation options for developing countries*, (No. 36) Research Paper, (2011).
 11. Silke von Lewinski (ed.), *Indigenous Heritage and Intellectual Property: Genetic Resources, Traditional Knowledge and Folklore*, Kluwer Law International, (2008).

7. Enforcement of Intellectual Property Rights (4 Credits)

Course Outcomes

On completion of the course, the student will be able:

CO 1	To understand the ownership of different forms of IP protection and appreciate user's rights.	Analyse
CO 2	To draft IP transfer documents.	Understand
CO 3	To appreciate revenue collection through collective societies.	Understand
CO 4	To evaluate the impact of IPR enforcement on innovation, competition, and development	Analyse
CO 5	To analyze the costs and benefits of enforcing IPRs in different economic contexts and understand the working of dispute settlement at both national and international levels.	Analyse

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1		3	2	
CO 2	1	2	2		2

CO 3	3			3	
CO 4			2	3	
CO 5				3	3

1-Low Correlation 2-Medium Correlation 3-High Correlation

Course Content

Module I: Ownership and assignment of rights: First owner, joint owner—rights of the owner—moral right of authors—employer-employee relationship and transfer of ownership—compulsory licensing—permissible use without authorisation—government use—protection of public interest—TRIPS provisions—WIPO Treaties—implications for India.

Module II: Utilisation of IP and Collecting societies: assignment of rights—licensing of rights—collecting societies—nature—function—relevance—registration—control by stakeholders.

Module III: Infringement of IPR: Copyright, Patent, Trademarks, Design and other forms of IP – Test for infringement – Acts that are not infringement – fair use – Bolar exemption- Right to Repair –secondary infringement India - TRIPS mandates.

Module IV: Remedies: Civil remedies – Criminal remedies – Administrative remedies – Forum of adjudication – Patent, Copyright and Trademark litigations, enforcement & challenges across various jurisdictions - TRIPS obligation and Indian law.

Module V: Enforcing Intellectual Property Rights: An Economic Perspective: Impact on Welfare from Stronger IPRs Enforcement- IPR and Market Failures- Costs and Challenges of IPR Enforcement- Direct costs: legal, administrative, and judicial- Indirect costs: potential for monopolies and access barriers- Digital tools of intellectual property enforcement: their intended and unintended norm-setting consequences

References (Refer to the latest edition of all books):

1. Jason Rantanen, *Introduction to Intellectual Property: Cases and Questions*, (2021), available at https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3764808.
2. Tanya Aplin & Lionel Bentley, *Global Mandatory Fair Use: The Nature and Scope of the Right to Quote Copyright Works*, (Cambridge University Press, 2020).
3. Brad Sherman and Lionel Bentley, *Intellectual Property Law*, (OUP, 2018).
4. Siva Vaidhyathan, *Intellectual Property: A Very Short Introduction*, (OUP, 2017).
5. N.S. Gopalakrishnan and T.G. Agitha, *Principles of Intellectual Property*, (EBC, 2014).
6. Raghbir Singh, *Law Relating to Intellectual Property*, (EBC, 2014).
7. Shamnad Basheer, *Overlapping Intellectual Property Rights*, (OUP, 2013).
8. Ananth Padmanabhan, *Intellectual Property Rights-Infringement and Remedies*, (2012).

9. Xuan Li and Carlos M. Correa, *Intellectual Property Enforcement: International Perspectives*, (Edward Elgar, 2009).
10. Roger D. Blair and Thomas F. Cotter, *Intellectual Property: Economic and Legal Dimensions of Rights and Remedies*, (Cambridge University Press, 2005).
11. Xavier Seuba, *The Global Regime for the Enforcement of Intellectual Property Rights* (Cambridge University Press, 2019).
12. Jorge L. Contreras, *Intellectual Property Licensing and Transactions: Theory and Practice* (Cambridge University Press, 2022).
13. Sanna Wolk and Kacper Szkalej, *Employees' Intellectual Property Rights* (Aippi Law, 1 2nd Edition, Wolters Kluwer 2017).
14. Christophe Geiger (ed) *Criminal Enforcement of Intellectual Property: A Handbook of Contemporary Research* (Edward Elgar, 2012)
15. ICTSD (2009). The Global Debate on the Enforcement of Intellectual Property Rights and Developing Countries, Programme on IPRs and Sustainable Development, Issue Paper No. 22, International Centre for Trade and Sustainable Development, Geneva, Switzerland.
16. Fink, C. (2009). "Enforcing Intellectual Property Rights: An Economic Perspectives." In ICTSD (2009). The Global Debate on the Enforcement of Intellectual Property Rights and Developing Countries, ICTSD IPRs and Sustainable Development Programme, Issue Paper No.22, Switzerland.
17. Correa, C. (2009). "The Push for Stronger Enforcement Rules: Implications for Developing Countries" In ICTSD (2009). The Global Debate on the Enforcement of Intellectual Property Rights and Developing Countries, Programme on IPRs and Sustainable Development, Issue Paper No.22, International Centre for Trade and Sustainable Development, Geneva, Switzerland.

Trade Secret and Access to Medicine (4 credits)

Course Outcomes

On completion of the course the student will be able:

CO 1	To understand the legal framework and conceptual foundations of trade secrets.	Understand
CO 2	To explore the interface between trade secret protection and the right to access medicines.	Evaluate
CO 3	To analyze the role of trade secrets in the pharmaceutical and biotechnology industries.	Evaluate
CO.4	To examine international and national legal standards and recent developments.	Evaluate
CO.5	To evaluate policy options and legal mechanisms to ensure balance between public	Apply

	health and secrecy	

Course Articulation Matrix

	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	1	2		2
CO 2	3	1	3	2	
CO 3	1	2			1
CO 4	2	2	1		
CO 5	3		3		

1-Low Correlation

2-Medium Correlation

3-High Correlation

Course Content

Module 1: Foundations of Trade Secret Law- Concept of trade secrets- Criteria: secrecy, commercial value, reasonable secrecy precautions- Legal theories: tort, contract, unfair competition- Comparison with patents and other IPRs

Module 2: International Framework – TRIPS and Beyond- 10bis of Paris Convention- TRIPS Article 39 - Protection of test data vs. broader trade secrets- Helsinki Declaration - FTAs and TRIPS-Plus standards - WTO jurisprudence

Module 3: Trade Secrets in the Pharmaceutical Sector- Role of trade secrets in drug discovery, clinical trial data, and manufacturing processes- Biologics and vaccines: secrecy around cell lines, manufacturing know-how- Trade secrets and test data overlap- Ethical concerns and transparency issues in clinical trials

Module 4: Access to Medicine - Trade secrets vs. the right to health: legal and ethical frameworks- COVID-19 and beyond: Vaccines, TRIPS waiver debate- Voluntary licensing and technology transfer barriers- Case studies

Module 5: Legal and Policy Responses for Balancing Rights- Public interest exceptions and reverse engineering- Compulsory Licensing - Open science, transparency initiatives, and patent pools- State obligations under ICESCR (Article 12) and right to health- Proposals for alternatives

References:

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3. Elizabeth A. Rowe and Sharon K. Sandeen, *Trade secrecy and International Transactions: Law and Practice*, (Edward Elgar Publishing, UK and USA, 2015)
4. NS Gopalakrishnan and Benoy K. Kadavan, *Study on Testdata Protection in India*, (Eastern Book Co 5th Edn. 2005)
5. Nuno Pires de Carvalho, *The TRIPS Regime of Antitrust and Undisclosed Information*, (Kluwer Law International, Netherlands 2008)
6. Rochelle C. Dreyfuss, Katherine J. Strandburg, *The Law and Theory of Trade Secrecy: A Handbook on Contemporary Research*, (Edward Elgar, 2010), pp. 269-298
7. Peter-Tobias Rudiger Wolfrum and Stoll (Eds.), *WTO-Trade Related Aspects of Intellectual Property Rights*, Max Planck Institute for Comparative Public and International Law, (Martinus Nijhoff Publishers, Leiden 2009)
8. Pranvera Kellezi Bruce Kilpatrick, Pierre Kobel (Eds.), *Abuse of Dominant Position and Globalization & Protection and Disclosure of Trade Secrets and Know-How*, (Springer, Switzerland 2017)
9. Robert P. Merges, *Justifying Intellectual Property*, (Harvard University Press, London 2011)
10. Tanya Aplin Lionel Bently, Phillip Johnson, Simon Malynicz (Eds.), *Gurry on Breach of Confidence: The Protection of Confidential Information*, Oxford University Press, (Oxford 2nd edn., 2012)
11. UNCTAD- ICTSD, *Resource Book on TRIPS and Development*, (Cambridge University Press, Cambridge 1st edn, 2005)
12. Vinesh Raja, Kiran J. Fernandes (Eds.), *Reverse Engineering – An Industrial Perspective*, (Springer-Verlag London 2008).
13. Charles Tait Graves & Sonia K. Katyal, “From Trade Secrecy to Seclusion”, Vol.109, The George Town Law Journal
14. Elizabeth A. Rowe, “Snapshot of Trade Secret Developments”, Vol.60, William & Mary Law Review Online, (2019)
15. Eric R. Claeys, “Private Law Theory and Corrective Justice in Trade Secrecy”, Vol. 4, (Issue 2, Art. 2), Journal of Tort Law, (2011)
16. Justin Hughes, “The Philosophy of Intellectual Property”, Vol.77, Georgetown Law Journal, December 1988
17. Katherine Linton, “The Unexpected Importance of Trade Secrets: New Directions in International Trade Policy Making and Empirical Research”, Journal of International Commerce and Economics, 2016

18. Lynn Sharp Paine, "Trade Secrets and the Justification of Intellectual Property: A Comment on Hettinger", Vol.20 (No.3), Philosophy & Public Affairs, (1991)
19. Mark A. Lemley, "The Surprising Virtues of Treating Trade Secrets as IP Rights", Vol. 61 (No.2), Stanford Law Review, (November, 2008)
20. Ramon A. Klitzke, "Trade Secrets: Important Quasi-Property Rights", Vol.41, (No. 2), The Business Lawyer, February 1986
21. Owais H Shaikh, *Access to Medicine Versus Test Data Exclusivity: Safeguarding Flexibilities under International Law*. (SPRINGER 2018)
22. United Nations Conference on Trade and Development., International Centre for Trade and Sustainable Development. and UNCTAD-ICTSD Project on IPRs and Sustainable Development
23. Olasupo A Owioye, 'Data Exclusivity and Public Health under the Trips Agreement' (2015) 23 Journal of Law, Information and Science
24. Biswajit Dhar and KM Gopakumar, 'Data Exclusivity in Pharmaceuticals: Little Basis, False Claims Author(S)': (2006) 41 Economic and Political Weekly
25. Amit Sengupta, Biological Drugs, Challenges to Access, (Third World Network 2018)

Ph.D Course works on IPR (8 Credits each)

Areas for PHD coursework shall be approved by the departmental research committee.

Tentative List of Areas for Ph.D Course Work

1. Computer Programmes and IP
2. Copyright protection in Digital Context
3. Patent and Biotechnological Inventions
4. Intellectual Property Protection of Performers
5. Protection of Broadcasting Organization
6. Protection of Traditional Knowledge
7. Drafting and Construction of Patent Claims
8. Intellectual Property Protection in the Internet
9. Protection of Well-known Marks
10. Protection of New Plant Varieties
11. Protection of Geographical Indication
12. IP and Transfer of Technology
13. Protection of Undisclosed Information
14. Legal Protection of Databases
15. Protection of Semiconductors
16. Collaborative research and innovation for neglected diseases and IP

17. TRIPS Flexibilities
18. WIPO Development Agenda
19. Patent Law and Access to Medicine
20. IPR and Farmers' Rights
21. TRIPS and Non-voluntary Licensing of IP
22. Copyright Protection in Entertainment Industry
23. Copyright Exceptions in the International Context
24. Protection of Domain names
25. WTO dispute settlement and Developing Countries
26. The concept of Open source
27. Intellectual Property Right and Private international law
28. Copyright and technological Protection measures
29. Liability of Internet Service Providers
30. IPR and Human rights
31. IPR and genetic resources
32. International protection of plant genetic materials for food and agriculture
33. Limitations and Exceptions to patent law
34. Limitations and Exception to copyright law
35. Border measures and IPR protection
36. IP and competition law
37. IP and environment
38. IP – merger and acquisition
39. Trademark dilution
40. International protection of trademarks
41. IP and BRICS
42. IP and development
43. IP and development of SMEs
44. IP portfolio management
45. Utility models
46. IP and Protection of folklore
47. IP and access to knowledge
48. Access to medicine for the countries without manufacturing capabilities

49. International protection of Designs
50. Standards and patents
51. IP and Taxation
52. Patent and public funded research
53. The Govt's role in providing access to medicine in the TRIPS context
54. Copyright and the entertainment industry
55. International protection of new plant varieties (UPOV) New
56. CBD – TRIPS harmonization
57. Enforcement IPR
58. Design Protection
59. Test data protection
60. Working of Patent Cooperation Treaty
61. Artificial intelligence and IP.



Prof. N R Madhava Menon
Inter Disciplinary Centre for
Research Ethics and Protocol
(An Interuniversity Centre of Excellence)
Cochin University of Science and Technology – Kochi - 22

SCHEME AND SYLLABUS OF THE

M.Sc. Bioethics

(Two Year PG Program)

(w.e.f. 2025 Admission)

FACULTY OF LAW

Cochin University of Science and Technology

Scheme and Syllabus

M.Sc. Bioethics

(Two Year PG Program)

(w.e.f 2025 Admission)

(Approved by Academic Council held on)

Vision of the Cochin University of Science and Technology

The University aims to become an Institution of global standard by continuously improving its quality of academic activities, taking up research and innovation in the frontier areas and by ensuring conducive state of the art infrastructural facilities.

Mission of the Cochin University of Science and Technology

CUSAT will continuously strive to generate a human resource of global competence by imparting most modern knowledge and training to its student community and to take up Research and Development activities in the frontier areas so as to contribute positively to the progress of the society and the Nation. The University shall have the following objectives as its mission:

1. To encourage and facilitate research and innovation in applied science, technology, industry, commerce, management and social science for the advancement of knowledge and for the betterment of society.
2. To provide facilities and other opportunities for graduate and post graduate education in applied science, technology, industry, commerce, management and social science by instruction, training, research, development, innovation and extension and by such other means as the University may deem fit.
3. To devise and implement programs of education in applied science, technology, industry, commerce, management and social science that are relevant to the changing needs of the society in terms of breadth of diversity and depth of specialization.
4. To serve as a Centre for fostering co-operation and exchange of ideas between the academic and research community on the one hand and industry on the other.

5. To organise exchange programs with other institutions of repute in India and abroad with a view to keeping abreast of the latest innovation and developments in relevant areas of teaching and research.

Program Objectives (P.O.s):

P.O.1: To produce a research and scientific Community capable of undertaking good science.

P.O.2: To give deeper insights into the essentials of the need to comply with bioethics while undertaking the study of science.

P.O.3: To identify niche areas of interface of the ethical and legal questions with the discipline of science.

P.O.4: To accentuate interdisciplinary studies and find out answers on ethical and legal challenges.

P.O.5: To make the student aware of the contemporary challenges in the field of Scientific research and to find out practical solutions for the same.

Program Specific Outcome:

After successful completion of this program the student will be able:

P.S.O. Number	Program Specific Outcome	Bloom's Taxonomy Level
1	To understand different norms and research protocols based on ethical and legal standards for scientific studies and investigations	Understand
2	To analyse general and specific standards necessary for different type of scientific experimentation, storage of specimens, data etc.	Analyse
3	To analyse different experiments raising ethics and legal issues and provide support to address the concerns	Analyse
4	To create different scientific institutions engaged in industrial and biotechnological research	Create
5	To create a Code of Conduct of Research for different disciplines and interdisciplinary studies.	Create

Mapping Vision and Mission of the University with the Program Objectives

	PO 1	PO 2	PO 3	PO 4	PO 5
Vision of the University	3	2	1	2	3
Mission 1	3	3	1	2	3

Mission 2	3	1	1	2	2
Mission 3	2	2	3	3	3
Mission 4	3	1	1	2	1
Mission 5	1	1	1	3	2

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

REGULATION

1. **Eligibility for admission to the program:** The applicant to this program should have passed **a Degree in;**

a) B.Sc. Zoology / Botany / Biotechnology / Microbiology / Marine Biology / Fisheries / Aqua sciences / Psychology / any other life science.

OR

b) B. Tech – Dairy Technology / Food Technology / Biomedical engineering

OR

M.B.B.S / B.D.S / B. V. Sc / B.A.M.S / **BSMS / BUMS** and such other graduate courses as recognised by AYUSH or National Medical Commission.

c)

OR

d) B.Sc. Nursing / B.P. T / B.O.T / Pharmacy / Hospital Administration / Public Health Management / Masters or Bachelor's Degree in any other Paramedical course.

OR

e) LL.B. with Biological Science as core subject in Plus Two level.

OR

f) B.Voc in Science domain with Biological Sciences as core subject in Plus Two level.

OR

g) B. Sc. Forensic Science

2. Admissions:

a) Centre may fix the maximum number of seats for admission to the program from time to time subject to ratification of the Governing council.

b) Students for the admission to the programme should have passed the qualifying degree examination with a minimum of 50% or equivalent CGPA Grade. Candidate belonging to Kerala Scheduled Caste (KSC) or Kerala Scheduled Tribe (KST) Communities, are eligible for applying, if they have minimum pass marks in the qualifying examination. SEBC candidates of Kerala State belonging to non-creamy layer category are eligible for 5% relaxation in the minimum required marks for the qualifying examination.

- c) The reservation rules governing Post Graduate Courses made by the Government / University shall be followed in making admissions.
- d) Admission to the program shall be based on the performance of the candidate at the Common Admission Test (CAT) of CUSAT. The CAT shall consist of two parts as given below:
 - i. Part I – Proficiency in English, Analytical and other abilities and general knowledge.
 - ii. Part II – Proficiency in the related subjects.
- e) Rank list for admission to the program shall be prepared on the following basis:
 - i. Part I of CAT : 40% weightage
 - ii. Part II of CAT: 60% weightage
- f) Matters concerning admission procedure, payment of fees, etc., will be prescribed by rules, published in the CUSAT-CAT prospectus and University rules for the program from time to time.

3. Duration and contents of the program

- a) The program for the M.Sc. Bioethics Degree of the University is of two academic years consisting of four semesters.
- b) Each semester shall have 16 to 18 weeks of teaching and one credit shall be given for one hour lecture.
- c) No regular student shall register for more than 24 credits per semester and less than 16 credits per semester.
- d) A student shall, in the program of four semesters undergo instruction in Core Courses consisting of 72 credits.
- e) All students are required register for MOOC/SWAYAM/NPTEL courses with minimum 2 credits as online course during the programme. The students can complete the online course anytime during the duration of the programme subject to the approval from the parent department. But the credits will be awarded only against the elective(s) earmarked as online courses in the appropriate semester(s) as shown in the curriculum.
- f) The candidate may secure a certificate of completion of such course and the credits procured may be transferred for the programme.
- g) In III and IV Semester, students can select the electives from the list of courses offered as per the syllabus subject to the availability of teachers. The teachers shall notify such elective courses proposed by them to be offered in subjects in the beginning of the semester. This will facilitate the students to choose the elective courses in advance.

4. Core Courses

1	Fundamentals of Bioethics	4 Credits
2	General Micro Biology	4 Credits

3	Molecular Biology	4 Credits
4	Molecular Cell Biology	4 Credits
5	Methodologies In Biosciences Research	4 Credits
6	Legal Regulation of Scientific Research	4 Credits
7	IPR, Bio Safety and Bio Ethics	4 Credits
8	Health Care Law and Bioethics	4 Credits
9	Clinical Research and Clinical Trials	4 Credits
10	Biodiversity, Bio safety and Bioethics	4 Credits
11	Law and Social Change	4 Credits
12	Law, Society and Human Rights	4 Credits
13	IPR and Biotechnology	4 Credits
14	Science, Technology and Human Rights	4 Credits
15	Public Health Research: Bioethics and Biosafety	4 credits

5. Elective Courses

1	Philosophy of Human Rights	3 credits
2	Advances in Reproductive Biotechnology	3 credits
3	Animal Welfare, Ethics and Jurisprudence	3 credits
4	Plant Biotechnology: Biosafety and Bioethics	3 credits
5	Animal Biotechnology and Medical Biotechnology	3 credits
6	Law relating to Science and Technology	3 credits
7	Philosophy and Religion in Ethics	3 credits
8	Stem Cell Biology and Regenerative Medicine	3 credits
9	Patent Regime and Biotech Inventions	3 credits
10	Recombinant DNA Technology	3 credits

6. Mode of Instruction

This course is a two-year regular PG program and the mode of instruction of the program is **offline**. In addition to the regular faculty, the Centre may engage visiting faculty/ Adjunct faculty based on the interdisciplinary character of the program.

7. ATTENDANCE

Attendance for appearing in the end semester examination will be as per the rules issued by the university from time to time. Additional 2% attendance to the female students of the university shall be as per the university norms.

8. Dissertation

- a) A Candidate is to undertake a dissertation of 10 credits having an inter disciplinary character with bioethical and law related aspects.
- b) The finalization of the topic for dissertation shall be undertaken by the candidate in the third semester. The dissertation shall be prepared under the guidance of teachers.
- c) The dissertation shall be submitted immediately after the completion of the IVth Semester.
- d) There shall be a Viva-voce examination based on the dissertation work in the IVth semester.
- e) The grades obtained for the dissertation shall be added to the aggregate grade obtained for other papers.
- f) The minimum grade for passing the dissertation shall be as per the grading criteria fixed by the University norms.
- g) A candidate who has failed to secure the minimum marks for the dissertation may submit a new or revised dissertation before the commencement of the M. Sc. Bioethics Degree examination of the next year or the year in which he proposes to sit for the M. Sc. Bioethics Degree Examination within a period of three years from the year of completion of the program.

Classification of total marks allotted for dissertations		
1.	Importance and relevance of the topic	10
2.	Adequacy of material	15
3.	Organisation of the material in the thesis	10
4.	Language and style	5
5.	Originality in writing	20
6.	Findings and Suggestions	15
7.	Punctuation and footnotes	10
8.	Extent of contribution to existing knowledge	15
	Total	100

9. Evaluation and Examinations:

- i. For each course, there shall be University Examination at the end of each semester.
- ii. The evaluation of students in a course shall have two components:
 - a) Evaluation through a Semester-end examination and
 - b) Continuous evaluation by the course teacher(s).
- iii. 50 per cent of marks will be set apart for continuous assessment and 50 per cent for the end semester examination.
- iv. Pass requirement: For each course the pass requirement is 40% of the aggregate marks (continues assessment marks+ semester end exam marks) with a separate requirement of minimum 40% for the semester end examination. Those who fail in the semester end examination of any course may repeat the semester end examination of that course in the next available chance.
- v. Special “Save an Year” supplementary examinations will be conducted for students who fail in their final two semesters (for regular PG). Special supplementary examination for a final semester will be conducted after the publication of that semester results. The exam will be conducted for all courses of that semester. The student will be awarded the actual grade he/she obtains in the special supplementary examination. Those who fail in the end-semester examination/special supplementary examination of any course may repeat the semester end examination of that course in the next available chances.
- vi. If a student fails in MOOC course, he/she has to repeat the same online course or do another online course with the approval of parent department as per the MOOC guidelines approved by the University from time to time. A special supplementary examination notification exclusively for MOOC courses will be issued twice a year to facilitate registrations from students who have cleared the MOOC course after their regular chance.
- vii. The students of the M.Sc. Bioethics Programme are permitted to improve their marks in the end-semester examination subject to the conditions below.
 - a. The student can write the improvement exam in the first and second semester only for courses where he/she secured P grade or above in the regular chance.
 - b. The number of courses where a student can register for improvement exam is restricted to a maximum of two courses per semester.
 - c. The improvement exam is not permitted for courses offered in the final two semesters of the programme (3rd and 4th semester).
 - d. The improvement exam should be written in the next available chance with the immediately following batch.
 - e. There will be no improvement for internal examinations or practical examinations.
 - f. The higher of the marks (original mark or improvement marks) will be treated as the final end semester marks for grade calculation.
- viii. Internal Assessment shall be based on the following matrix

Attendance	5 marks
Internal marks obtained through Test Papers: (best of two internal examination)	15 marks
Assignment – Written	10 marks
Assignment – presentation	10 marks
Class participation	5 marks
Total	50 marks

ix. Grading*:

The following 10-point grading system shall be adopted for M.Sc. Bioethics Programme. The grades will be awarded for each course based on the aggregate marks (continuous assessment marks+ end semester examination marks) obtained subject to the requirement of minimum 40% for the semester end examination.

% Marks (Range)	Grade point (G)	Letter Grade	Description
95-100	10	O	(Outstanding)
85-94.99	9	A+	(Excellent)
75-84.99	8	A	(Very Good)
65-74.99	7	B+	(Good)
55-64.99	6	B	(Above Average)
45-54.99	5	C	(Average)
40-44.99	4	P	(Pass)*
Below 40	F	0	Fail
Absent	Ab	0	Absent

**This grading criteria may be subjected to changes as notified by the University from time to time.*

Overall performance at the end of the semester will be indicated by **Grade Point Average (GPA)** calculated as follows:

$$\text{GPA} = \frac{G_1C_1 + G_2C_2 + G_3C_3 + \dots + G_nC_n}{C_1 + C_2 + C_3 + \dots + C_n}$$

'G' refers to the grade point and 'C' refers to the credit value of the corresponding course undergone by the student. At the end of the final semester Cumulative Grade Point Average (CGPA) will be calculated based on the above formula, considering the Credits and Grades earned during the entire programme of study.

Accordingly, the pass requirements shall be modified as:-

- i. For each course, 40% of the aggregate marks (continues assessment marks+end semester marks) with a separate minimum requirement of 40% for the end semester examination.
- ii. Minimum aggregate CGPA required for successful completion of the programme will be 4.0.
- iii. The CGPA to percentage conversions shall be done using the formula

$$\% \text{marks} = \text{CGPA} \times 10$$
- iv. Classification for the Degree of M.Sc. Bioethics Programme will be given as follows based on the CGPA:

First Class with Distinction (FCD)	CGPA 7.5 and above
First Class	CGPA 6 to 7.499
Second Class	CGPA 5 to 5.999

- x. *The above rules for examination and evaluation system (including grievance redressal and other related matters) for the program shall be based on the Post Graduate Regulations/Exam Manual/orders of the University which may be subject to changes as notified by the University from time to time.*

xi. AWARD OF DEGREE

In order to become eligible for receiving M.Sc. Bioethics Degree the student shall have enrolled as a regular student for not less than two academic years and has passed the prescribed examinations as specified in the curriculum with at least 80 credits out of which 72 credits should be in core courses offered by the Centre.

10. REVISION OF REGULATIONS AND CURRICULUM

The University may from time-to-time revise, amend or change the Regulations, scheme of Examinations and the syllabus. In the case of students already undergoing the course the changes will take effect from the beginning of the following academic year after the changes is introduced and shall cover the part of the course that remains to be completed.

SEMESTER WISE SUBJECTS AND SUBJECT CODES

SEMESTER I

Subject Code	Subject	Core / Elective	External Mark	Internal Mark	Total	Credit
25-865-0101	Fundamentals of Bioethics	Core	50	50	100	4
25-865-0102	General Microbiology	Core	50	50	100	4
25-865-0103	Molecular Biology	Core	50	50	100	4
25-865-0104	Law and Social Change	Core	50	50	100	4
25-865-0105	Law, Society and Human Rights	Core	50	50	100	4
	Total		250	250	500	20

SEMESTER II

Subject Code	Subject	Core / Elective	External Mark	Internal Mark	Total	Credit
25-865-0201	Legal Regulation of Scientific Research	Core	50	50	100	4
25-865-0202	IPR, Bio Safety and Bioethics	Core	50	50	100	4
25-865-0203	Methodologies in Biosciences Research	Core	50	50	100	4
25-865-0204	Molecular Cell Biology	Core	50	50	100	4
25-865-0205	Science, Technology and Human Rights	Core	50	50	100	4
	Total		250	250	500	20

SEMESTER III

Subject Code	Subject	Core / Elective	External Mark	Internal Mark	Total	Credit
25-865-0301	Clinical Research and Clinical Trials	Core	50	50	100	4
25-865-0302	Health Care Law and Bioethics	Core	50	50	100	4
25-865-0303	IPR and Biotechnology	Core	50	50	100	4
25-865-0304	Animal Biotechnology and Medical Biotechnology	Elective (Choose any ONE)	50	50	100	3
25-865-0305	Animal Welfare, Ethics and Jurisprudence					
25-865-0306	Plant Biotechnology: Biosafety and Bioethics					
25-865-0307	Advances in Reproductive Biotechnology					
25-865-0308	Philosophy of Human Rights					
	MOOC/SWAYAM/NPTEL		100		100	2
	Total	1	300	200	500	17

SEMESTER IV

Subject Code	Subject	Core / Elective	External Mark	Internal Mark	Total	Credit
25-865-0401	Biodiversity, Biosafety and Bioethics	Core	50	50	100	4
25-865-0402	Public Health Research: Bioethics and Biosafety	Core	50	50	100	4
25-865-0403	Law Relating to Science and Technology	Elective	50	50	100	3
25-865-0404	Philosophy and Religion in Ethics					
25-865-0405	Stem Cell Biology and Regenerative Medicine					
25-865-0406	Patent Regime and Biotech Inventions					
25-865-0407	Recombinant DNA Technology					
25-865-0408	Dissertation	Core	100	1	100	10
25-865-0409	Viva Voce	Core	100		100	2
	Total		350	150	500	23
	Grand Total		1150	850	2000	80

SEMESTER I**Semester I: Core course 1****25-865-0101 Fundamentals of Bioethics (4 credits)****Course Objectives:**

This course attempts to define the critical interplay of theory, experience, science, social science, law, and community that have influenced and defined bioethics as a field of study. The course continues with an examination of the central philosophical approaches that inform bioethics and assess their core assumptions and underpinnings, beginning with an exploration of the nature and meaning of moral inquiry as applied to the life sciences. It looks into the basic notions on human dignity such as autonomy, privacy etc and throws light on the development and relevance of these value precepts.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the major principles underlying bioethics	Understand
CO 2	To analyse the basic underpinnings behind the field of bioethics and its relevance	Analyse
CO 3	To create solutions to the existing challenges posed by advancement in scientific research	Create

CO – PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	-	1	-	-
CO 2	3	1	2	-	-
CO 3	-	-	-	3	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course Contents:**Module I: Introduction to Bio-ethics**

Jurisprudential Basis of Bioethics-development of bioethics- understanding law- ethics and bioethics - human dignity and human rights - Principles of benefit and harm- Bioethics: an interdisciplinary domain

Module II: Autonomy, Consent and Privacy

Autonomy and individual responsibility, Consent, Persons without the capacity to consent, Respect for human vulnerability and personal integrity, Privacy and confidentiality

Module III: Justice, Diversity and Co-operation

Equality, justice and equity, Non-discrimination and non-stigmatization, Respect for cultural diversity and pluralism, Solidarity and cooperation

Module IV: Ethics in Different Realms

Application in different fields of Investigations- relevance- research ethics- ethics in scientific investigations and research- Publication ethics- forms -medical ethics-environmental ethics-media ethics-legal and ethical guidelines

Module V: Health and Responsibility

Social responsibility and health, Sharing of benefits, Protecting future generations, Protection of the environment, the biosphere and biodiversity

References:

1. Barilan, YechielM Human Dignity, Human Rights, and Responsibility - The New Language of Global Bioethics and Biolaw, U.S.A.: MIT. (2014)
2. Kuhse, H. and Singer, P. Bioethics: An Anthology, 2nd Ed. Blackwell. (2008)
3. Singer, Peter A. and Viens, A. M. The Cambridge Textbook of Bioethics, Cambridge: Cambridge University Press. (2008)
4. Ashish Kuma U et al, A Textbook of Bioethics for Health Professionals, Jaypee Medical Publishers (2018)

Suggested Readings

1. Alastiar V Campbell, Bioethics: The Basics, Routledge (2018)
2. Bette Jane Crigger, Bioethics: Cases from Hasting Center Reports, Barnes & Noble (Third Edition)
3. Vaughn, L. Bioethics: Principles, Issues and Cases, Oxford: Oxford University Press. (2012)

E Resources:

- <http://unesdoc.unesco.org/images/0016/001636/163613e.pdf>

Semester I: Core course 2**25-865-0102****General Microbiology****(4 credits)****Course Objectives:**

This is an introductory course in microbiology aimed at giving the students an overview about microbes, their classification, their distribution, and their characteristics. The course also takes a look at the role of microbes in various bacterial and viral diseases. The students will also learn about antimicrobial therapy, physical and chemical methods of control. Besides, the course also gives an overview about the role of microbes in food spoilage, food poisoning, microbiology of waste and waste water.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the different types of microorganisms, their classification and nutritional grouping.	Understand
CO 2	To analyse methods to distinguish between bacterial, fungal and virus pathogens.	Analyse
CO 3	To create strategies to understand antimicrobial resistance mechanism in pathogens	Create

CO – PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1	3	-	-	-
CO 2	1	2	1	-	-
CO 3	2	3	-	2	-

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course Contents:

Module I: Microbes and their identification

Overview of History of Microbiology, Morphology, Ultrastructure and Reproduction of Archaeobacteria, Eubacteria, cyanobacteria, Yeasts, fungi, microalgae, protozoans and viruses. Staining techniques – auxochrome, chromophores, dyes, Classification of stains, Mechanism of gram staining, acid fast staining, negative staining, capsule staining, flagella staining, endospore staining.

Module II: Culturing of Bacteria

Nutritional requirements and Nutritional groupings of microorganisms. Growth curve & factors effecting growth and growth rates. Methods of cultivation and preservation of bacteria, fungi and viruses. Distribution of microorganisms in soil, water, air and in extreme environments. Concept of Sterilization - dry and moist heat, pasteurization, tyndalization; radiation, ultrasonication, filtration. Physical and Chemical methods of sterilization; disinfection sanitization, antiseptics sterilant and fumigation.

Module III: Classes of microbes and Pathogenesis

Microbes in Extreme Environment – Nature, special features of the thermophilic, methanogenic and halophilic Archaea; photosynthetic bacteria, Cyanobacteria Pathogenic Microorganisms – Basics of microbial pathogenesis, List of common bacterial, fungal and viral diseases.

Module IV: Basics of Virology

Basic concepts of Virology - General characteristics of viruses, differences between bacteria and viruses. Classification of viruses Physical and chemical Structures of different Viruses on the basis of capsid symmetry - enveloped (Herpes virus), helical (TMV) and icosahedral (Polyoma viruses), Capsids, complex (Bacteriophage, and Virion size, enveloped (Herpes), helical (TMV) and icosahedral (Polyoma), Capsids, Methods of Virus detection, Major Virus diseases.

Module V: Physical and chemical control of microbes.

Principles of antimicrobial therapy: Microbial Spoilage of food; Preservation of foods and beverages; Microbial food poisoning; Microbiology of milk and milk products; Microbiology of drinking water; indicator organisms; Microbiology of wastes and waste water.

References:

1. Microbiology – Michael J. Pelczar, Jr., E.C.S. Chan, Noel R. Krieg, 5th edition, 1998, Tata McGraw Hill.
2. Microbial degradation of organic compounds - David T. Gibson, vol.13, 2002, CRC Press
3. Food microbiology - M.R. Adams and M.O. Moss, 4th edition, 2015, Panima publishing company
4. Microbiology- Bernard Davis et al., 4th edition, 1990, Harper and Row

Suggested Readings

1. Food Microbiology-William C. Frazier & Deniss C. Westhoff, 5th edition, 2013, Tata McGraw-Hill
2. General Microbiology- Roger Y. Stanier et al., 5th Edition, 1987, Prentice Hall Macmillan Education Ltd.
3. The Physiology and Biochemistry of Prokaryotes-David White, 4th revised edition, 2011, Oxford University Press
4. Text book of Microbiology – Ananthanarayan & Panicker's, 9th edition, 2013, Universities press
5. Fundamentals of Microbiology-Jeffrey C Pommerville, 8th edition, c.2006
6. Microbiology: systems approach-Marjorie Kelly cowan, 3rd edition, 2015
7. Microbiology-Booth James 2nd edition, 2010, scientific book centre, c.2010
8. Applied Microbiology – Alain Dueievx, 2009, pacific books.

Semester I: Core course 3

25-865-0103

Molecular Biology (4 credits)

Course Objectives:

This course offers an insight into molecular biology and genetics. The course includes Mendel's laws of inheritance and its exceptions, the nature genome organization, DNA replication and repair and the process of transcription and translation. This will give the students a fundamental understanding of the molecular processes that occur in a cell. They can build on this understanding to learn how these processes can be utilized for practical applications.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the molecular basis of macromolecular interactions.	Understand
CO 2	To analyse the molecular mechanisms behind DNA damage and repair	Analyse
CO 3	To create experimental strategies for testing molecular biological hypothesis	Create

CO – PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	1	1	-	-
CO 2	2	3	1	2	-
CO 3	3	3	2	1	1

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, "-" = No correlation.

Course Contents:**Module I: Structure of Macromolecules**

Bonds and interactions in Biology; Central Dogma; Structure of DNA and RNA; Structure of Proteins; Techniques in Molecular Biology

Module II: Inheritance of Genome

Introduction to Genetics, Mendelian Principles- Mendel's laws of inheritance, Concept of Alleles; Epistasis-gene interaction, Dominance relationship-complete, incomplete and co-dominance, multiple alleles, linkage. Polygenic Inheritance, Cytoplasmic Inheritance; Chromosome theory of inheritance, Chi-square and Goodness of fit, Chromosomal aberrations: Monosomy, trisomy. Translocations, inversions, duplications, deletions. Pedigree Analysis

Module III: Maintenance of Genome

Genome structure, Chromatin and the Nucleosome; Replication of DNA, Telomeric DNA replication, Extrachromosomal Replicons; Mutagens and Repair of DNA, Transposons, gene transfer in bacteria- conjugation, transformation and transduction

Module IV: Transcription and Translation of Genetic Information

Mechanism of Transcription in prokaryotes and eukaryotes, posttranscriptional modifications – capping and tailing; RNA Splicing; Translation; The Genetic Code, Inhibitors of protein synthesis

Module V: Control of gene expression

Regulation of gene expression in prokaryotes. Operon concept, Lac operon, tryptophan operon; Transcriptional Regulation in Eukaryotes; Post-translational modifications.

References:

1. Molecular Biology of the Gene, 7th edition, Watson et al. 2013, CSHL Press (Primary Reference Book)
2. Genes XII, Lewin et. al., 2017, Jones and Bartlett Pub. Inc.
3. Molecular Biology of the cell, Alberts, Bruce, 6th edition, 2014, Garland Pub. Inc.
4. Biochemistry of Nucleic acids, -Roger L. P. Adams et al., 11th edition, 2007, Chapman & Hall

Suggested Readings:

1. Molecular Cell Biology, Lodish, Baltimore et al., 8th edition, 2016, W.H. Freeman and Co.
2. Molecular Biology and Biotechnology: A Comprehensive Desk Reference, Meyers, Robert A, 2011 ed. Wiley, New Delhi.
3. Molecular Biology David Clark and Nanette K Pazdernik, 2nd edition, 2013, Academic press

4. Cell and Molecular biology: Gerald Karp, 7th Edition (2013), John Wiley & Son Inc. New York
5. Lehninger's principles of Biochemistry -: D. L. Nelson and M. M. Cox, Worth, 6th Edition, 2012, W H Freeman & Co
6. Essential of genetics: William S Klug, Michael R. Cummings, 5th Edition, 2004,
7. Genetics: A molecular approach : Peter J Russel, 3rd Edition, 2009, Pearson education Jn.

Semester I: Core course 4

25-865-0104

Law and Social Change

(4 credits)

Course Objectives:

The primary aim of the course is to develop coherent understanding of role of law as an instrument of social transformation. It helps students to assimilate the constitutional amendments that reformed the social and economic institutions in our country. It will enable student to develop wider legal thinking on issues related to law and social justice.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the function of law as an instrument of social change.	Understand
CO 2	To analyse the role of constitutional amendments in reforming social institutions.	Analyse
CO 3	To create new code of conduct as well as ethical and legal frameworks in protecting vulnerable groups like minorities, women and children	Create

CO – PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	2	3	-	-
CO 2	1	-	1	-	-

CO 3	1	1	1	3	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course Contents:

Module I: Introduction

Purpose and meaning of law- law as an instrument of social change- law as a product of tradition and culture

Module II: Constitution and social change

Constitutionalism- legislative and policy reforms- constitutional amendments- Fundamental Rights and Directive Principles of State Policy

Module III: Judiciary as a vehicle of social change

Concept of justice- forms- role of courts in bringing social change- precedent and social change- prospective overruling- PILs.

Module IV: Law, Morality and Justice

Intersection- concept of property- changing dimensions- interface with life process- biotechnology- concept of life and human body- challenges- response of law

Module V: Law in relation to vulnerable population

Vulnerable/ marginalized- women, child, indigenous population, sexual minorities, racial and linguistic minorities, migrants, refugees, etc.- approach of Indian Legal System- recognition of human rights of the vulnerable population

References:

1. Oliver Mendelsjohn, Law and Social Transformation in India, Oxford University Press, 2014.
2. Sharyn Anleu, Law and Social Change, Sage Publishing, 2010.
3. Marc Galanter (ed). Law and Society in Modern India, Oxford, 1997.
4. Baxi, Upendra,.The Crisis of Indian Legal System, Vikas Publication, 1982

Suggested Readings:

1. Baxi, Upendra (ed). Law and Poverty: Critical Essays, Tripathi, Bombay, 1988.
2. Duncan Derret. The State, Religion and Law in India, Oxford, 1999.
3. M.P.Singh, Constitution of India (2008). 11th Ed. Eastern Book Co., Lucknow.
4. Sunil Deshta and Kiran Deshta, Law and Menace of Child Labour, Anmol Publications, New Delhi, 2000.
5. Savitri Gunasekhare. Children, Law and Justice, Sage Publications, 1997.
6. Indian Law Institute, Law and Social Change: Indo-American Reflections, Tripathi, 1988.
7. M. P.Jain. Outlines of Indian Legal History, Tripathi, Bombay, 1993.

8. Agnes Flavia, Law and Gender Inequality: The Politics of Women's Rights in India, Oxford, 1999.
9. Ved Kumari, Offences Against Women in Kamala Sankaran and Ujjwal Kumar Singh (ed) Towards Legal Literacy An Introduction to Law in India PP.78-94 (2008) Oxford, New Delhi.
10. Virendra Kumar: Dynamics of Reservation Policy: Towards a More Inclusive Social Order 50, Journal of the Indian Law Institute PP 478-517 (2007).
11. Virendra Kumar, 'Minorities' Right to Run Educational Institutions: T.M.A Pai Foundation in Perspective 45, Journal of the Indian Law Institute PP 200-238 (2003)
12. Amartya Sen, The Idea of Justice, Belknap Press (2011)
13. Kush Kara, Role of Judiciary as a catalyst of Social Change, Thomson Reuters (2019)
14. Martin Loughlin, Against Constitutionalism, Harvard University Press (2022)
15. Durga Das Basu, Human Rights in Constitutional Law, Lexis Nexis, Buttersworth (2008)
16. Lee J Strang, Originalism's promise: A Natural Law Account of American Constitution, Cambridge University Press (2021)

Semester I: Core course 5

25-865-0105

Law, Society and Human Rights

(4 credits)

Course Objectives:

This course intends to give insights as to the theoretical foundations regarding the content, nature and scope of law. It traces the different theoretical basis of the nature and content of law adopted by different schools of thought. It throws light on the ideas of justice and different remedies available for the individuals against the state.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the operation of law as a means to secure justice	Understand
CO 2	To analyse and critically evaluate the different school of thoughts on the nature and content of law	Analyse
CO 3	To create different methods whereby individuals can avail remedies against the State	Create

CO – PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	2	2	2	-	-

CO 2	1	-	1	-	-
CO 3	1	-	1	3	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course Contents:

Module I: Concept of Law & Justice

The Concept of Law-The Relation of Justice to Law and Ethics, Ethical and Legal Theory-Law and Morals – legal theories-natural-positivism- utilitarianism-sociological-feministic jurisprudence-critical legal methods-Adjudication-the nature of judicial process and the institution of adjudication-Doctrine of Precedent-Stare Decisis, -Ratio Decidendi and Obiter Dicta -Precedent as a Source of Law.

Module II: State and the Individual

Concept of State-Constitutional position- notions of law under the Constitution- fundamental rights and directive principles of the Constitution. -Judicial Review- Article 32& Article 226-writs-judicial activism and public interest litigation.

Module III: Access to Justice

Law and poverty - Access to justice - Legal aid to the poor and indigent, objectives and programmes– Constitutional, Legislative & Judicial Approach- Legal literacy and law reform

Module IV: Human Rights Approaches

Nature, Content and Sources of Human Rights Law- Development of Human Rights- Sources of Human Rights- UN & Human Rights- International Human Rights Framework.

Module V: Human Rights under Indian Legal System

Legislative approach in India-Enforcement agencies in India- the marginalized and their human rights in India

References:

1. Joseph Raz, Ethics in Public Domain: Essays in the Morality of Law & Politics, Clarendon Press (1995)
2. HLA Hart, Concept of Law, OUP (Third Edition)
3. Roscoe Pound - Introduction to Philosophy of Law (1954) Chs. 1, 2 & 3.
4. Roscoe Pound - Jurisprudence, (1959) Vol. I, Parts I & II.

Suggested Readings:

1. Bodenheimer - Jurisprudence (1974) Part I
2. Friedmann - Legal Theory (1967)
3. W. Friedmann - Law in a changing society (1972)

4. Julius Stone - Social Dimensions of Law and Justice (1966) Ch. 1
5. Cappelletti and Garth (Ed.) - Access to Justice, (1978) Vol. I, Book I, Part I
6. B. Sivaramayya - Inequalities and the Law (1984)
7. UpendraBaxi - The crisis of Indian Legal System, (1982) Chs. 1, 2, 3, 8 & 10
8. UpendraBaxi - Law and Poverty (1988) Chs. 1, 2, 3, 5, 19, 20 & 21
9. IliasBantekas and LotzOette, International Human Rights Law and Practice, Cambridge,2013
10. Philip Alston and Ryan Goodman, International Human Rights, Oxford,2012
11. Christian Tomuschat, Human Rights: Between Idealism and Realism, Oxford,2003.

SEMESTER II

Semester II: Core course 1

25-865-0201 Legal Regulation of Scientific Research (4 - credits)

Course Objectives:

The course provides the base for understanding the niche areas of interface between law and scientific research. It provides an overview of the contemporary developments in the area of scientific research and the existing national and international norms for the same. It delves into ethical, legal and social issues and challenges in different types of scientific research. The course intends to cover the contemporary judicial and legal trends in this area. This course aims at ensuring SDG 15 of the 2030 agenda for sustainable development.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the contemporary developments in the areas of scientific research and law	Understand
CO 2	To analyze critically the gaps in the international and national norms and thereby accentuates their analytical skills	Analyse
CO 3	To create skills in students to handle technology-based litigations	Create

CO – PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	1	1	-	-
CO 2	3	3	3	-	-
CO 3	1	-	-	1	2

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course Contents:**Module I: Scientific Research and their Different Forms**

Aspects of Scientific research - Funding for research programmed– Types- Military research - Incentives for research - Monopoly for outcome of research - Research for Community interest - Agricultural and Horticultural Research.

Module II: Legal Response to Marine and Space Research

Marine Scientific Research and Atmospheric - space research - Limitations under Customary international law - UNCLOS III Provisions - Research in inland waters, territorial sea, Economic Zone, Continental Shelf and High Sea, weapon testing in sea-NTBT and Law of the sea-Research in outer space and atmosphere.

Module III: Human Subject Research: Legal & Ethical Concerns

Research on Human subjects - Types of research – Embryo research and Human genetics for research - research ethic committees and license requirements - Consent to research - Confidentiality in health care research – Informed Consent- Bioethics- Problems of applied research–prenatal diagnostics, HIV identification.

Module IV: Pharmaceutical Research and the Law

Research relating to Drugs and Pharmaceutical products – New Drug licensing - Clinical trials guidelines by WHO – European Convention - Drug licensing procedures in India, U.K. and U.S.A.

Module V: Biological Resources and Scientific Research

Research on Biological Resources- International and National Approaches- ABS - Protection of research animals - Rules under PCA, Biotechnological research - Rules relating to DNA research, guidelines by Bio Safety Commission - Cloning of Human beings. Human rights and ethical issues

References:

1. John de la Mother (Ed.), Science, Technology and Governance, Chap.9.,

- Cassell, London 1999
2. World Drug Report, UN International Drug Counterprogrammed.
 3. Casino Marco Mazzone, Ethics and Law in Biological Research, Kluwer Law International, 2002
 4. Ted Peters, Playing God? Genetic Determinism and Human Freedom, Routledge, 2014
 5. Michael Freeman (Ed.), Science in Court, Routledge, 1998

Semester II: Core course 2

25-865-0202

IPR, Biosafety and Bioethics

(4 - credits)

Course Objectives:

This course intends to cover three important and overlapping areas such as intellectual property rights (IPR), biosafety and bioethics. IPR promotes and encourages research and innovation. However, these innovations need to essentially be conducted in compliance with the biosafety rules and there should be an ethical compliance while research is undertaken. Hence this course provides insights as to the innate and inter complementary nature of these three realms.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the nature of IP Rights and the procedure to secure the same.	Understand
CO 2	To analyse niche areas where innovative urge to secure patent interests by the scientist overrides ethical compliance.	Analyse
CO 3	To create policy level changes where such issues crop up ultimately leading to ethical conduct of research	Create

CO – PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	1	1	-	-
CO 2	2	3	3	-	-
CO 3	2	2	2	3	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course Contents:

Module I: Biosafety: Introduction

Biosafety issues in biotechnology - historical background. Biological Safety Cabinets, Primary Containment for Biohazards. Biosafety Levels - Levels of Specific Microorganisms, Infectious Agents and Infected Animals.

Module II: Biosafety Guidelines

Guidelines and regulations (National and International including Cartagena Protocol) – operation of biosafety guidelines and regulations of Government of India; Definition of GMOs & LMOs. Roles of Institutional Biosafety Committee, RCGM, GEAC etc. for GMO applications in food and agriculture. Environmental release of =GMOs - Risk - Analysis, Assessment, management and communication.

Module III: Intellectual Property Rights

Introduction to IPR, Types of IP - Patents, Trademarks, Copyright & Related Rights, Industrial Design, Traditional Knowledge and Geographical Indications. Importance of IPR legal protection of Biotechnological inventions- Agreements and Treaties - History of GATT & TRIPS Agreement-IPR and WTO regime

Module IV: Patents and Patent Laws

Objectives of the patent system - Basic, principles and general requirements of patent law. Biotechnological inventions and patent law – Legislative approach in India- Patentable subjects and protection in Biotechnology. Patent Filing Procedures - National & PCT filing procedure, Time frame and cost, Status of the patent applications, Precautions while patenting, disclosure/ nondisclosure, financial assistance for patenting, introduction to existing patenting schemes.

Module V: Bioethics

Introduction to ethics and bioethics, framework for ethical decision making. Ethical, legal and socioeconomic aspects of gene therapy, germ line, somatic, embryonic and adult stem cell research. Ethical implications of GM crops, GMO's - human genome project, human cloning, designer babies, biopiracy and biowarfare.- Eugenics and its possible approaches. Animal right activities - Blue cross in India- society for prevention of cruelty against animals. Ethical limits of Animal use- Green peace - Human Rights and Responsibilities.

References:

1. Beier F.K, Crespi R.S and Straus T. Biotechnology and Patent protection, Oxford and IBH Publishing Co. New Delhi.
2. Jeffrey M. Gimble, Academia to Biotechnology, Elsevier Academic Press.
3. Rajmohan Joshi (Ed.). Biosafety and Bioethics. Isha Books, Delhi. (2006)
4. Sasson A, Biotechnologies and Development, UNESCO Publications.

Suggested Readings

1. Senthil Kumar Sadasivam and Mohammed Jaabir M. S. IPR, Biosafety and Biotechnology Management, Jasen Publications, India (2008)
2. Terrel on the law of Patents, Sweet & Maxwell, Illustrate (18thEdn. 2019)
3. Odagiri et.al, Intellectual Property Rights, Development and Catch Up, Oxford University Press, (2010)
4. Christopher May & Susan K. Sell, Intellectual Property Rights: A Critical History, Lynne Rienner publications, (2005)
5. Silke Von Lewinski (ed.), Indigenous Heritage and Intellectual property: Genetic Resources
6. Traditional Knowledge and Folklore, Kluwer International, (2008)

Semester II: Core course 3**25-865-0203 Methodologies in Bioscience Research (4 - credits)****Course Objectives:**

The course intends to throw light on the methodologies adopted in the scientific studies, investigations and research. It seeks to introduce one to the existing laboratory practices as well as manufacturing practices. It also elucidates the nature of microorganisms used and stored in labs and the different modes of repositories.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the basic concepts and best practices available in scientific investigations and studies	Understand
CO 2	To analyse the validity and challenges existing in the standard operational procedures in each type of scientific experimentations	Analyse
CO 3	To create and draft SOPs for each type of experimentations taking into consideration the nature of the study.	Create

CO – PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	3	-	-
CO 2	2	3	3	-	-
CO 3	-	-	-	1	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course Contents:

Module I: Research Concepts and Data Collection

Definition of Research, Qualities of Researcher, Components of Research Problem, Various Steps in Scientific Research, Types of Research; Hypotheses Research Purposes - Research Design - Survey Research - Case Study Research. Sources of Data: Primary Data, Secondary Data; Procedure Questionnaire - Sampling Merits and Demerits - Experiments - Kinds - Procedure; Control Observation - Merits - Demerits - Kinds - Procedure - Sampling Errors - Type-I Error - Type-II Error.

Module II: Research Reports

Structure and Components of Research Report, Types of Reports, Styles of reporting, Steps in drafting reports, editing and evaluation of final draft, evaluating the final draft; Good Research Report, observation and research report. Pictures and Graphs; Research proposal/ Grant- definition, structure, budget allocation, specific aims, background and significance. Hierarchy of funding agencies in India and their operations.

Module III: Model Organisms in Biology

Definition of model organism and research resources – classification of model organisms. Non-human mammalian models – mouse (Mus musculus); Guinea pigs (Cavia porcellus). Non-mammalian models – Bacteria (Escherichia coli), Viruses (T4 and Lambda Bacteriophage), Yeast (Saccharomyces cerevisiae), Amoeba (Dictyostelium discoideum), Round worm (Caenorhabditis elegans), Fruit fly (Drosophila melanogaster), Zebra fish (Danio rerio), Mouse Ear cress (Arabidopsis thaliana), Maize (Zea mays) – rationale of model organism, comparative physiology, life cycle, scope and research preferences. Repositories- ATCC, NCCS, Pune. Culture collection and submission.

Module IV: Biotechnology Management

Introduction - Designing a manuscript- grant experimental protocols & experimental methods. Selection of a Biotechnology company. Setting up of a Laboratory: laboratory administration – collaborations - inventories and inspections – personnel – Recruitment hiring – mentoring - promoting and terminating.

Module V: Good Manufacturing Practices

Ensuring Biosafety: Biosafety regulations - Good laboratory practices - Good manufacturing practices in industry. Storage and disposal of hazardous wastes: radioactive materials - pathogenic strains. GMO's and their release in environment. Experimental protocol approvals -Levels of containment - Environmental aspects of biotech applications.

References:

1. Beier F.K. and Crespi R.S. and Straus T. Biotechnology and Patent protection, Oxford and IBH Publishing Co. New Delhi.
2. Jeffrey M. Gimble, Academia to Biotechnology, Elsevier Academic Press.
3. Sasson A. Biotechnologies and Development, UNESCO Publications.

Semester II: Core course 4

25-865-0204

Molecular Cell Biology

(4 - credits)

Course Objectives:

This course will develop an understanding of the key concepts of the molecular biology of the cell, integrating principles of cell structure and function with the underlying molecular mechanism(s). It will focus on aspects of cell cycle control, protein synthesis, intracellular protein trafficking and protein degradation in eukaryotic cells. This course also examines the dynamic properties of cells as they relate to cell-cell and cell-substrate interactions and elaborates on the fundamentals of intracellular signal transduction during these interactions.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the structures and function of basic components of prokaryotic and eukaryotic cells.	Understand
CO 2	To analyse cellular outcome of the activation or inhibition of various signaling pathways.	Analyse
CO 3	To create new methods to diagnose and treat diseases, detect and identify the underlying molecular basis.	Create

CO – PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1	2	-	-	-
CO 2	2	2	1	-	-
CO 3	2	-	2	1	-

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course Contents:**Module I- Basics of cell structure**

Morphology and modifications: Tissues, Cell as the unit of life, development of cell theory, from single cell to multi-cellular organism, Ultra structure of cell; prokaryotic and eukaryotic cells; Differences between prokaryotic and eukaryotic cells

Module II: Membrane structure and transporters

Plasma membrane- structure and composition, membrane-organization, transport system; simple diffusion, facilitated transport, types of transport mechanisms; Symport, uniport and antiport. Active transport- Primary active transport, secondary active transport, Ion channels, sodium potassium ATPase. V type, P type and F type transports

Module III: Structure and functions of Cellular constituents

Structure and functions of Cellular constituents: -Cell wall, cell membrane, Cytoskeleton; subcellular organelles (structure and function): - Mitochondria, Chloroplasts-; Peroxisomes. Lysosomes, centrioles, ribosomes, endoplasmic reticulum, golgi complex, vacuoles, plastids, microbodies; cytoskeleton, cilia, flagella, centrioles, nucleus, nuclear membrane, chromatin, nucleolus, cell inclusions.

Module IV: Cell- cell interaction and cell division

Concepts of multi-cellularity, Cell- cell interaction and cell matrix interaction, extracellular matrix, proteoglycan and collagen, Cell – cell adhesion, Selectins, cadherins, desmosomes, gap junction and tight junction. Types of vesicle transport, Cell division; mitosis, meiosis and their significance and cell cycle in multicellular animals.

Module V: Signal Transduction Pathways

Principles of signal transduction and role of secondary messengers (basic level); Endocrine glands and hormones; role of hormones as messengers and regulators, steroid hormones, peptide hormones and amino acid derivatives; adrenocortical hormones, Thyroid hormone, Parathyroid hormone, Insulin and glucagons, Sex hormones, Hormone receptors and intracellular messengers, and growth factors, Hormone receptors and signal transduction.

References:

1. Molecular Cell Biology-Lodish, Baltimore et al., 8th edition, 2016, Freeman and Co.
2. The Cell- Geoffrey M. Cooper, 7th edition, 2015, Sinauer Associates INC.
3. Cell and Molecular Biology- E. D. P. De Robertis and E. M. F. De Robertis, Jr., 8th sub. edition, 1987, Lea & Febiger.
4. Molecular Cell Biology, Lodish Harvey, 8th edition. 2016, WH Freeman

Suggested Readings

1. Cell Structure and Function, Ariel G. Loewy. et al., 1991, Brooks/Cole
2. Cell Biology- Organelle Structure and Function-David Sadava, 2009, CBS Publishers and Distributors.
3. Molecular Biology of the Cell-Bruce Alberts et al., 6th edition, 2014, Garland Pub.
4. Cell Biology- T. Devasena, 2015, Oxford University Press
5. Molecular Biology-N. Arumukhan, 2014, Saras publication, Tamil Nadu
6. Cell Biology-Gerald Karp, 7th edition, c.2014, John Wiley & Sons
7. World of the Cell-Wayne M. Becker, Lewis J. Kleinsmith, Jeff Hardin, Gregory Paul Bertoni, 7th Edition, 2008, Benjamin Cummings
8. Essential Cell Biology -Bruce Alberts et al., 4th Edition, 2009, Garland Science
9. Immunology-Richard Goldsby and Thomas J Kindt, Kuby, 6th Edition, 2006, W. H. Freeman & Company

Semester II: Core course 5

25-865-0205 Science Technology and Human Rights (4 - credits)

Course Objectives:

The course identifies the unique challenges raised by science and technology in human rights protection. To demonstrate the fact that the science and technology will also become counterproductive in the case of human rights conservation. To realize the severe and ever-emerging ethical concerns raised by medical science over the human rights of the population. To identify and resolve the ethical concerns projected by the science technology and human rights. To identify the social concerns raised by scientific advancement and to balance the conflicting interest between various stakeholders. This course seeks to ensure SDG goals.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand how scientific and technological advancements impact human rights issues globally and locally	Understand
CO 2	To analyse existing policies and regulations concerning the use of science and technology in relation to human rights	Analyse

CO 3	To create the capacity to work with various complex scientific establishments having ethical and legal concerns over their research.	Create

CO – PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	2	2	1	1
CO 2	1	3	3	-	-
CO 3	1	2	2	3	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course Contents:**Module I: Foundational approaches on human dignity**

Philosophical approaches on life and dignity- Religious – secular- scientific views- religion and science- science as value neutral- development of science and its impact on values- conflict.

Module II: Right to science and its various facets

Freedom of scientific inquiry- human right perspective- constitutional- legislative- judicial approach- comparative perspective.

Module III: Impact of science

Negative impact of various modes of scientific research- Decisions of Life – Euthanasia, Abortion, Artificial Reproduction Etc.- Human experimentation, cloning, genetic mapping, stem cell research, germ line therapy, genetic editing, cloud computing, AI/deep machine learning, pharmaceutical research, animal research, etc.- Need for control- Development of regulatory frameworks.

Module IV: Regulatory Approach on Scientific research

International regulatory framework- regional- National

Module V: Role of Law in Balancing Conflict Between Law and Scientific Research

Human life versus biomedical research- different forms of human participant research- questions of dignity- privacy- non-discrimination- ethical principles- regulatory standards.

References:

1. Richard Pierre Claude, Science in The Service of Human Rights, University of Pennsylvania Press (2002)
2. Bertrand Russell, The Impact of Science on Society, Unwin Hyman (1952)

3. David L. Gosling, Science and the Indian Tradition: When Einstein Met Tagore, Routledge (2007)
4. Joseph Agassi, Science and Its History: A Reassessment of the Historiography of Science, Springer (2008)

Suggested Readings

1. Makarand R. Paranjape (Edr.) Science, Spirituality and The Modernization of India, Anthem Press New Delhi (2008)
2. Henri Atlan, Enlightenment to Enlightenment: Inter-critique of Science and Myth, State university of New York (1986)
3. Andrew Ede, Lesley B. Cormack, A History of Science in Society: From Philosophy to Utility, university of Toronto press incorporated (2012)
4. William Dampie, A History of Science and Its Relations with Philosophy and Religion, Cambridge (1971)
5. Charles Singer, A Short History of Science to The Nineteenth Century, General Publishing Company Ltd. Toronto (1997)
6. Robin Levin Penslar, Research Ethics: Cases and Materials, Indiana university press (1995)
7. Oliver, Paul, The Student's Guide to Research Ethics, Open University Press (2010)
8. Deni Elliot & Judy E. Stern (Edrs), Research Ethics: A Reader, University Press New England (1997)
9. Ezekiel J. Emanuel Et Al, The Oxford Textbook Of Clinical Research Ethics, Oxford (2008)
10. Mark Israel & Iain Hay Research Ethics For Social Scientists, Timothy F. Murphy, Case Studies In Biomedical Research Ethics, Massachusetts Institute Of Technology (2004)
11. Paul Murray Mcneill, The Ethics And Politics Of Human Experimentation, Cambridge (1993)
12. Hazel Biggs, Euthanasia, Death with Dignity and The Law, Oxford (2001)
13. John Keown, Euthanasia, Ethics and Public Policy: An Argument Against Legalisation, Cambridge (2002)
14. Gail Tulloch, Euthanasia, Choice and Death, Edinburgh university press ltd. (2005)
15. Craig Paterson Assisted Suicide and Euthanasia: A Natural Law Ethics Approach, Henry Friedlander, The Origins of Nazi Genocide: From Euthanasia to the Final Solution, Henry Friedlander (1995)
16. John Keown, Abortion, Doctors and the Law: Some Aspects of the Legal Regulation of abortion in England from 1803 to 1982, Cambridge (1988)
17. Jay L. Garfield & Patricia Hennessey (Edr.), Abortion, Moral and Legal Perspectives, Rickie Solinger, Abortion Wars: A Half Century of Struggle, 1950-2000, university of California press (1998)
18. Celeste M. Condit, Decoding Abortion Rhetoric: Communicating Social Change, University of Illinois (1990)

19. Barbara MacKinnon, Human Cloning: Science, Ethics, and Public Policy, University of Illinois (2000)
20. Ronald Cole-Turner (Edr.), Human Cloning: Religious Responses, Ronald Cole Turner (1997)
21. Leon Kass, & James Q. Wilson, The Ethics of Human Cloning, AEI Press (1998)
22. Maria Aline Seabra Ferreira, I Am the Other: Literary Negotiations Of Human Cloning, Ferreira Maria Aline Seabra (2005)
23. Seamus Burns, The Law of Assisted Reproduction, Bloomsbury Professional, (2012)
24. Report on Human Artificial Reproduction and Related Matters - Ontario Law Reform Commission, Ontario Law Reform Commission, 1985
25. Donald Evans, Neil Pickering (Edr.) Creating the Child: The Ethics, Law, and Practice of Assisted Procreation, Kluwer (1996)

SEMESTER III

Semester III: Core course 1

25-865-0301

Clinical Research And Clinical Trials (4 - credits)

Course Objectives:

This course intends to provide insights on the advances in clinical research and the law relating to clinical trials. It provides insights to the existing legal requirements to be complied with while undertaking clinical research. This course seeks to achieve SDG goals 12 of agenda 30.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the relevance and different forms of clinical research	Understand
CO 2	To analyse the ethical and legal challenges in clinical research and trials	Analyse
CO 3	To create measures to advise and assist institutions engaged in such research.	Create

CO – PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	2	3	3	1	1
CO 2	2	3	3	1	1
CO 3	2	2	2	2	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course Contents:**Module I: Introduction to clinical research**

Introduction to Clinical Research - Terminologies and definition in Clinical Research - Origin and History of Clinical Research - Difference between Clinical Research and Clinical Practice - Types of Clinical Research - Phases of clinical research - Clinical Trials in India – The National Perspective - Post marketing surveillance - Pharmaceutical Industry – Global and Indian Perspective -. Clinical Trial market.

Module II: Pharmacology and drug development

Introduction to Pharmacology - Concept of Essential Drugs -Routes of Drug Administration - Introduction to Drug Discovery and Development - Hurdles in Drug Development -Sources of Drugs -Basics of Drug Discovery & Development - Approaches to Drug Discovery - Evolutionary Classification of the strategies for Drug Discovery - Emerging technologies in Drug Discovery -Preclinical Testing -. Investigational New DrugApplication - Clinical trials -New Drug Application and Approval - Pharmacokinetics -. Pharmacodynamics

Module III: Ethics and Guidelines in Clinical Research

Historical guidelines in Clinical Research Nuremberg code Declaration of Helsinki Belmont report - International Conference on Harmonization (ICH) Brief history of ICH Structure of ICH - Harmonization Process - Guidelines for Good Clinical Practice GlossaryThe Principles of ICH GCP Institutional Review Board / Independent Ethics Committee Investigator Sponsor Clinical Trial Protocol and Protocol Amendment(S) Investigator’s Brochure Essential Documents for the conduct of a Clinical Trial.

Module IV: Regulations in Clinical Research

Introduction of Clinical Trial Regulation -. European Medicine Agency -. Food and Drug Administration (US FDA) - Drug and cosmetic act -. Schedule Y – Drugs and Clinical Trials Rules 2019-ICMR Guidelines – International Outsourcing of Research- WTO and Research.

Module V: Clinical Trial Management

Protocol in Clinical Research -. Informed Consent - Case Report Form - Investigator's Brochure (IB) - Selection of an Investigator and Site - Clinical Trial Stakeholders - Contract Research Organization (CRO) -Site management organizations (SMO) -Ethical and Regulatory Submissions -. Recruitment Techniques -. Retention of Clinical Trial Subjects - Monitoring Visits -Investigator Meeting - Documentation in Clinical Trials - Regulatory Binder - Record Retention - Pharmacovigilance - Inspection -Fraud and Misconduct - Roles and Responsibilities of Clinical Research Professionals – Compensations in Clinical Trials-regulatory approach.

References:

1. An Introduction to Clinical Trials Paperback, by Prof Jonathan A. Cook (2023) Oxford University Press
2. Drug Discovery & Clinical Research by Sushma Gupta, SK; Srivastava, Jaypee Brothers Medical Publishers (2019)
3. Essentials of Clinical Research, Stephen P Glasser, Springer (2008)
4. Dr Stephen B Hulley et al, Designing Clinical Research, Wolter Kluwer (4th edition)
5. Understanding Clinical Research, Renato D. Lopes, Editor, Robert A. Harrington, Editor, McGraw-Hill Education (First Edition)

Suggested Readings:

1. Essentials of Clinical Research: A Comprehensive Guide to Drug Development and Clinical Trials, by Prof. S. Shobharani & Prof. A. Muralidhar Rao (2024)
2. Clinical Research And Pharmacovigilance, by Dr. Shivkumar Shete, Dr. Arun Shanmugam, Dr. Bhumika Chandrakar (2024)
3. Patricia M Tereskerz, Clinical Research and the Law, Wiley Blackwell, UK (2012)
4. Challenges and Prospects of Clinical Trials in India: A Regulatory Perspective (Academic Foundation) 2018
5. Lawrence M Friedman, Curt D Furberg et al, Fundamentals of Clinical Trial, Springer, London (2010)
6. RA Fisher, The Design of Experiments, Oliver & Boyd, Edinburgh (1935)
7. Robert J Levine, Ethics and Regulation of Clinical Research, Yale University Press (1988)
8. Sama (ed)., Compensation in Clinical Trials: A Comparative Analysis of seven Countries (2016).
9. Vijay Malik, Law Relating to Drugs and Cosmetics (2012)

Semester III: Core course 2

25-865-0302**Health Care Law and Bioethics****(4 credits)****Course Objectives:**

The course provides the development and recognition of the right to health and seeks to critically evaluate the change in relationship between the doctor and the patient. It also throws light on the existing challenges in public health delivery system. The course intends to cover the contemporary developments in the legal and judicial position in this regard.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the challenges in public health delivery system.	Understand
CO 2	To analyse the changes in the health care system and suggest possible changes in the policy level to be undertaken	Analyse
CO 3	To create critical decision-making strategies in clinical management.	Create

CO – PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	2	1	1	1	1
CO 2	2	3	3	2	3
CO 3	2	3	3	1	1

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course Contents:**Module I: Right to Health**

Doctor-patient Relationship- Medical Paternalism- Patient Autonomy-Health rights-Constitutional Position- International Legal Framework- Health issues related to marginalization, gender minorities, women and children - ethical issues of vaccination, substance abuse-Persons with disability-ethical and legal -Challenges in public health law-tackling communicable and non-communicable diseases-strategies- HIV AIDS concerns and issues- Epidemics and Pandemics-legal and judicial response

Module II: Medical Confidentiality and Data Protection

Health information – access to health records- computerized health information- Informed Consent-Risks and medical issues of Electronic Medical Records, Medical Auditing, emerging ethical issues related to IT applications, telemedicine, networking and information sharing.

Module III: Medical Biotechnology and Research

Emergence of medical biotechnology – Human genetic material and research-legal and ethical implications of stem cell research and therapy, cloning and genomic medical interventions, impact of genetic engineering in healthcare, patents and medical and surgical

procedures- Genetic Privacy-discrimination-insurance-National and International legal and judicial trends –Regulation of clinical research and clinical trials, vulnerable communities and clinical trials, National and International Legal Framework on Clinical Trials-ethical issues in special situations-ethical issues related to people in custody-ethics of cancer and progressing diseases management; role of alternative systems- ethical challenges of terminal illness care and nutrition.

Module IV: Institutional Mechanisms and the Regulatory Regime

Code of medical ethics by Medical Council of India, Codes of other medical councils. WHO and World Medical Assembly positions and guidelines, Ethical guidelines for Research. Helsinki declaration. Good Clinical Practice Guidelines, Ethics Committees, Monitoring and redress mechanisms- Compensation.

Module V: Hospital Administration:

Hospital Administration-Legal aspects of Hospital Administration-Ideal system of Clinical services- diagnostic and therapeutic services-documentation of medical records- hospital waste movement- disaster management- occupational safety in hospitals-Commoditization of Healthcare – Medical Tourism –Contracting in health care- Role of health insurance.

References:

1. S.K.Varma (Ed.),Legal Framework for Health Care in India, Lexis Nexis(2000)
2. George P. Smith, Human Rights and Biomedicine, Springer (2000).
3. William Roach, Medical Records and the Law, AHIMA (1985)
4. Richardson, Doctor Lawyer and the Courts, Anderson Co. (1965).

Suggested Readings

1. Shaun D. Pattison, Law and Medical Ethics, Sweet & Maxwell (5th edn,2017).
2. Jonathan Herring, Medical Law and Ethics, Oxford University Press (2018)
3. Tapas Kumar Koley, Medical Negligence and the Law in India: Duties, Responsibilities,Rights, Oxford University Press (2010).
4. Gillian Douglas, Law, Fertility and Reproduction, Thomas Professional (1992).
5. Vijay Malik (Ed.), Law Relating to Drugs and Cosmetics, Eastern Book Co. (2018).
6. Lily Srivastava, Law and Medicine, Universal Publishing Co. (2010).
7. SV Joga Rao, Current Issues in Criminal Justice and Medical Law (1999)

Semester III: Core course 3

25-865-0303

IPR and Biotechnology (4 - credits)

Course Objectives:

Stem cell research and regenerative medicine is one of the fastest Biotechnology has become one of the most promising but controversial technologies of the 21st century. It exerts great influence in the life of a common man from his/her food to his/her medicine. But the technology has also faced great challenges, some of which are ethical while others are legal. Since TRIPS, the technology has become a great talking point in the developing and under

developed world due to its patent scope. This paper aims to shed light on the emerging issues that biotechnology has created in the patent framework.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand patentability standards of biotechnology inventions based on the nature of the technology involved.	Understand
CO 2	To analyse the importance and limitations of patent regime in supporting biotechnology-based industries.	Analyse
CO 3	To create policies to effectively protect biotech-based inventions with minimal impact of technological growth	Create

CO – PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	2	2	1	1
CO 2	3	3	2	1	1
CO 3	2	2	1	3	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course Contents:

Module I: Introduction to Biotechnology

Concept of biotechnology - traditional and modern biotechnology through ages – brief introduction to Nucleic acids as genetic material, replication, transcription and translation- basic techniques in biotechnology fermentations, immobilization of cells and enzymes, PCR, RFLP, DNA sequencing, blotting techniques, recombinant DNA technology, principles of gene cloning, restriction modification systems, use of restriction enzymes in biotechnology, cloning vectors, protoplast fusion, cell fusion, cell and tissue culture, DNA finger printing & its applications - scope and importance of biotechnology in the new millennium – possible legal protection.

Module II: Agricultural and Food Biotechnology

Transgenic plants - synthetic seeds – terminator gene technology - virus free seedlings for economically important crop - applications of plant tissue and cell culture - transgenic animals - animal vaccines - development and production - artificial animal breeding - livestock production - recombinant DNA technology GLPS & GMPS - genetically modified foods - concepts and impact – milk based products - probiotics - lactic acid bacteria - genetically modified foods – fermented foods - application of biosensors in food - single cell proteins- Development of monoclonal antibody and their applications - Introduction to gene therapy – patenting these technologies.

Module III: Industrial Biotechnology

Biopharmaceuticals - vitamins - organic acids - amino acids -enzymes – specialty chemicals - polysaccharides - recombinant products - insulin, human growth hormone, interferon, erythropoietin, recombinant vaccines – bio pesticides, bio fertilizers -'biogas production - microbial production of alcohol, bio fuels, bio diesel - gene banks-foods from microorganism (vinegar and cheese). production of citric acid, amylases, proteases, vitaminB12, beer, wine, methane, hydrogen – need for patent

Module IV: Environmental Biotechnology

Solid waste management using biocatalysts – municipal sewage treatment - industrial waste treatment -Biodegradation of plastic, pesticides and hydrocarbons bioremediation - water purification - pollution control - microbial fouling and corrosion - use of genetically modified organisms (GMO) and release of GMO into environment - biodiversity conservation - impact of biological weapons – protection under different forms of IP.

Module V: Bioethics, bio-safety and IPR

Ethical and moral issues in biotechnological research - (cloning, genetic testing and screening, stem cell research, human clinical trials and drug testing) Human rights issues; Bio piracy; bio weapons and bioterrorism – bio safety practices; general guidelines for rDNA research, NIH guidelines - guidelines for recombinant DNA research in India - norms for the release of GMOs, protection of biodiversity, convention on biodiversity and Indian Biodiversity Act - patenting issues with special reference to biotech products and activities.

References:

1. Kshitij Kumar Singh, Biotechnology and Intellectual Property Rights, Springer, 2015
2. Padma Nambisan, An Introduction to Ethical, Safety and Intellectual Property Rights Issues in Biotechnology, Science Direct, 2017
3. David Castle, The Role of Intellectual Property Rights in Biotechnology Innovation, EE, 2011
4. The Hon Mr Justice Colin Birss, et.al., Terrel on Patent, Sweet & Maxwell, 2021

Suggested Readings

1. Christoph Belman and Graham Dutfield, Trading in Knowledge: development Perspectives on TRIPS, Trade and Sustainability, Earthscan Publications Ltd. (2003)
2. Genetic Inventions, Intellectual Property Rights And Licensing Practices, OECD, 2002
3. Timothy M. Swanson (ed), Intellectual Property Rights and Biodiversity Conservation: An Interdisciplinary Analysis of the Values of Medicinal Plants, Cambridge University Press, 1998
4. Chetan Keswani, Alok Jha, H. B. Singh (Eds.), Intellectual Property Issues in Biotechnology, CABI Publishing, 2016
5. V. Santaniello, Agriculture and Intellectual Property Rights: Economic, Institutional, and Implementation Issues in Biotechnology, Cambridge University Press, 2000
6. Matthew Rimmer, Intellectual Property and Biotechnology: Biological Inventions,

EE, 2008

Semester III: Elective course 1**25-865-0304 Animal Biotechnology and Medical Biotechnology (3 credits)****Course Objectives:**

This is an elective course on Animal and Medical biotechnology. The former part of this course will introduce the basic concept /principles involved in animal cell and tissue culture, the requirements of media, growth characteristics in culture and cell-cell communication. The latter half of the course elaborates the human genome project, molecular basis of human diseases and the molecular diagnosis of genetic diseases. The course also gives an insight to diagnostic techniques and pharmacogenomics as well as personalized medicine.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the basic principles and terminologies involved in animal cell and tissue culture.	Understand
CO 2	To analyse the impact of human genome project on medical practice.	Analyse
CO 3	To create cell culture experiments and solve issues related to in vitro contaminations.	Create

CO – PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1	2	-	-	-
CO 2	1	2	-	-	3
CO 3	3	-	2	-	1

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course Contents:**Module I: Animal cell culture- Principles involved and Characteristics of cells in Culture:**

History related to development in animal cell culture Laboratory design and practices, Sterilization techniques, Identification and Characterization of contaminations and use of antibiotics for its control (bacterial, viral and mycoplasma). Cell Culture media- synthetic media and serum, conditioning of media, Cell counting and viability assay-MTT, LDH and

Alamar assay. Cryopreservation of animal cells, Explant isolation and culture, Growth phases of cell in culture, contact inhibition, anchorage dependency, and cell senescence.

Module II: Animal tissue culture-Technique and Applications

Primary and secondary cell culture, Cell Differentiation, Techniques in cloning of cells. 3D cell culture, Organ culture, Artificial skin, blood and tissues, Hybridoma technology, Production of bioactive compounds and growth hormones, Propagation of viruses, Tissue culture vaccines, Assisted Reproductive Technology (ART) and In vitro fertilization.

Module III: Use of animals as experimental model and Genetic Engineering of animals

Techniques and vectors used for genetic engineering; Small Animals used in research- Rat, mice, rabbit, zebra fish. Knockout animals and disease models, Application of Transgenic animals for biopharming, xeno-transplantation, gene therapy, developing hypoallergenic pets and glo fish, Super pig and transgenic salmon as food and RIDL mosquitoes for vector control.

Module IV: Introduction to molecular medicine and medical biotechnology

Current scenario and future prospects, Impact of discovery of DNA on medical practice; Human Genome Project; Gene hunting, Molecular basis of human diseases (hereditary, infectious, chronic and auto immune diseases, epigenetics, one example each), Biomarkers

Module V: Molecular technology and diagnostics

Molecular diagnosis of genetic diseases - genetic screening for single gene diseases, pre-natal and post-natal screening methods, Molecular Genetic markers, PCR based diagnostics, Array-based diagnostics and Nucleotide polymorphisms; Mitochondrial DNA and Y Chromosome analysis, DNA probes for diagnosis in epidemiology and forensic science; Pharmacogenomics and personalized medicine.

References:

1. Ho, C. S. (Ed.). (2013). Animal cell bioreactors (Vol. 17). Butterworth-Heinemann.
2. Freshney, R.I. (2016). Culture of Animal Cells: A Manual of Basic Technique and Specialized Applications (7th ed.). Wiley Blackwell.
3. Editorial Staff of Annals of the New York Academy of Sciences. (2012). Animal Models (Annals of the New York Academy of Sciences. (1st ed.). Wiley-Blackwell
4. Pongracz J. & Keen M. (2009). Medical Biotechnology, 1st edition, Elsevier

Suggested Readings:

1. Rehm H.J and Reed G. (2010). Biotechnology: Biological Fundamentals, 2nd edition, Wiley.
2. Jogdand S.N. (2008). Medical Biotechnology, Himalaya Publishing House, Mumbai.
3. Nallari P. & Rao V.V. (2010). Medical Biotechnology. 2nd edition, Oxford University Press, India

Semester III: Elective course 2**25-865-0305 Animal Welfare, Ethics and Jurisprudence (3 credits)****Course Objectives:**

This Course intends to provide knowledge on the development of animal rights and the ethical obligations to protect the same. It provides insights to the scientists as their legal and ethical obligations while undertaking scientific studies using animals in the labs.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the development of animal welfare jurisprudence and the need to respect the same	Understand
CO 2	To analyse the role of different institutions in the protection of animal rights.	Analyse
CO 3	To create proficiency in providing advice in litigations of animal-human conflicts	Create

CO – PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	2	2	1	1	1
CO 2	2	2	3	1	1
CO 3	2	2	2	1	1

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course Contents:**Module I: Jurisprudential Approach**

Distinction between Man and Animal- Religious Approach- Jurisprudential approach- Definition of animal welfare and ethics- Human and animal welfare in relation to ecosystem and environmental factors

Module II: Animal Rights

Animal Rights- development-recognition- limitations- Constitutional & legislative approach- International approach- Role of veterinarians in animal welfare. Animal welfare organizations, Animal Welfare Board of India - their role, functions and current status. - Rules, regulations, laws on animal welfare- Prevention of Cruelty to Animals

Module III: Experiments using animals

Experiments using animals- ethical and legal controls- National & International-Role and function of Committee for the purpose of Controlling and Supervising Experiments in Animals (CPCSEA). – Transgenics- IAEC-Rules & Regulations of regulatory bodies of research UGC, MCI, PCI etc.- Judicial approach

Module IV: Animal Welfare

Protection of wild life in nature and captivity. Protection and welfare of performing animals. Welfare of animals during transportation. Animal welfare in commercial livestock farming practices. Protection and welfare of working animals. Pet and companion animal welfare. Animal welfare during natural calamities and disaster management Legal duties of veterinarians-Forensic and State Medicine laws. Common offences against animals and laws related to these offences.

Module V: Offences against Animals and legal obligations

Examination of living and dead animals in criminal cases- cruelty to the animals and bestiality-legal aspects of: examination of animals for soundness, examination of Injuries and post-mortem examination-causes of sudden death in animals' collection and dispatch of materials for chemical examination-detection of frauds-doping- bishoping etc.-cattle slaughter-provincial and central acts relating to animals. - poisoning -injecting drugs on animals- liability - liability and insurance. - regulations in Veterinary sciences and Research.

References:

1. Peter Singer Rethinking of Life and Death: The Collapse of our Traditional Ethics, St Martins Press, New York (1994)
2. Carr and Broom, Tourism and Animal Welfare, CABI, 2018.
3. Favre, David S, Animal Law: Welfare, Interests and Rights, Wolters Kluwer, 2011.
4. P. Leelakrishnan, Environmental Law in India, Lexis Nexis, 2016.

Suggested Readings

1. Sustein, Cass, Animal Rights: Current Debates and New Directions, Oxford, 2004.
2. Simon Brooman, Debbie Legge, Law Relating to Animals, Routledge, 1997.
3. Maneka Gandhi, Ozair Hussain et al, Animal Laws of India, 2004.
4. Tom Regan, The Case for Animal Rights, California Press, 1983
5. Vipin Dayal, Animal Laws in India.
6. Majumdar, Environment and Wildlife Laws in India, Lexis Nexis, 2013.
7. Shyam Diwan & Armin Rosencranz, Environmental Law & Policy in India, Oxford, 2002.
8. Gary Francione, Animals, Property and the Law, Temple University Press, 1995.
9. Satish C. Sastri, Environmental Law, EBC, 2015

Statutes:

- Bharatiya Nyaya Sanhita (BNS)
- Bharatiya Nagarik Suraksha Sanhita (BNSS)

- Glanders and Farcy Act 1899
- Dourine Act 1910 (5 of 1910)
- Indian Veterinary Council Act 1984
- Prevention of Cruelty against Animals Act
- Wild Life Protection Act 1972
- Livestock Importation Act 2001 etc.

Semester III: Elective course 3

25-865-0306 Plant Biotechnology: Bio Safety and Bioethics (3 credits)

Course Objectives:

The course provides an insight on the newer development in plant biotechnology and the ethical challenges it poses. It provides insights on the need to comply with the biosafety regulations and protocols by the scientist involved in this field.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the advances in plant biotechnology	Understand
CO 2	To analyse the ethical and legal issues raised by this field of science	Analyse
CO 3	To create healthy and diverse ecosystems using ethical and legal analysis to resolve issues raised by biological technology.	Create

CO – PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	2	-	-	-
CO 2	3	3	-	-	1
CO 3	3	2	3	-	2

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course Contents:

Module I: Plant Biotechnology

Plant biotechnology-nature and types-advances-GMOs and LMOs-Global status of genetically engineered crops, Asilomar conference on rDNA technology. Concerns of GE crops – animal and human health, environment, agriculture, horizontal gene transfer and general concerns.

Module II: Bio Safety

Biosafety – definition. Principles of safety assessment of Transgenic plants – sequential steps in risk assessment. Concepts of familiarity and substantial equivalence.

Module III: Risk Assessment

Risk – environmental risk assessment and food and feed safety assessment. -Problem formulation –protection goals, compilation of relevant information, risk characterization and development of analysis plan.

Module IV: Biosafety Regulations

International regulations – Cartagena protocol, OECD consensus documents and Codex Alimentarius.-Indian regulations – EPA act and rules, guidance documents, regulatory framework – RCGM, GEAC, IBSC and other regulatory bodies.- Containments – biosafety levels and category of rDNA experiments. Field trails – Biosafety research trials – standard operating procedures. GM labeling – FSSAI.

Module V: Bioethics

Bioethics – definition, history, committees - ethical issues – unnaturalness of GE crops - food habit-consumer protection and plant genetic resources. GE crops and multinational seed companies, socio-economic impact. Nuffield council on bioethics.

References:

1. Rajmohan, J., Biosafety and Bioethics. Isha Books Publishing, India 2006
2. Tzotzos, G. T., GMOs: A guide to biosafety. CAB International, Wallingford, UK2006
3. Sree Krishna, V. Biosafety and Bioethics in Biotechnology. New Age International, New Delhi, 2007, India
4. S M Paul Khurana et al (Eds), Plant Biotechnology: Progress in Genomic Era, , Springer(2019)
5. Slater, Plant Biotechnology: The Genetic Manipulation of Plants, OUP (2008)

Semester III: Elective course 4

25-865-0307 Advances in Reproductive Biotechnology (3 credits)

Course Objectives:

The course aim to provide an understanding on the new developments in reproductive technologies. It provides insights on the various forms of artificial reproductive technologies employed in different fields of sciences and the ethical and legal challenges it poses.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the different ART techniques employed by the scientific community	Understand
CO 2	To analyse the ethical and legal challenges it poses	Analyse
CO 3	To create ethical and regulatory policy in this arena.	Create

CO – PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	3	1	3
CO 2	3	3	3	1	2
CO 3	3	3	3	2	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course Contents:

Module I: Artificial Reproductive Techniques In Humans: Basic Understandings

Artificial Reproductive Techniques-relevance-nature-types-Reproductive cloning, somatic cell nuclear transfer and transgenic animal production, cryopreservation of gametes. **Module**

II: Reproductive Genetic Technologies

Pre implantation genetic diagnosis (PGD), Pre Implantation genetic screening- (PGS)- genomic imprinting and assisted reproduction, receptors of different hormones and their estimation.

Module III: Stem Cells: Characteristics and Nature

Introduction to stem cells, types, identification, characterization and development of stem cells, transfection of gene in embryonic blastomeres.

Module IV: Stem Cell Research : Issues and Challenges

Stem cell therapeutics, social, ethical religious and regulatory issues.

Module V: Newer Genetic Advances

Germ line Interventions- gene editing-genemapping-CRISPR-CAS9-Surrogacy- ethical and legal dilemmas

References:

1. Ethics and Law in Biological Research, Nijhoff Publishers (2002)
2. Encyclopaedia of Ethical, legal and Policy Issues in Biotechnology , John Wiley & Sons, USA (2000)
3. SK Ghosh (Ed) Encyclopaedia Dictionary of Bioethics , Global Vision Publishing House, (2003)
4. Maureen Mc Bran et al, Artificial Reproductive Technology : A Lawyer's guide to Emerging Law & Science, American Bar Association, (2012)

Suggested Readings

1. BN Chakravarthy, Clinics in Reproductive Medicine and Artificial Reproductive Technology, CBS Publishers, (2018)
2. Jessica Minor, Informed Consent in Predictive Genetic Testing : A Revised Model, Springer , New York (2015)

Semester III: Elective course 5

25-865-0308 Philosophy of Human Rights (3 credits)

Course Objectives:

The course aims at the philosophical appraisal of the fundamental notions of the discourse of Human Rights. It expects the students to look into the conceptual understanding of the formative and functional forces, and the categories of Human Rights, both from the historical and contemporary perspectives. The course also makes the students to realize the need to contextualize the various theoretic positions and philosophical claims which validate the legitimacy of Human Rights discourses. As a University-level Open Course, the course has been structured in an interdisciplinary and intercultural mould and manner to discuss and deliver its concerns.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the philosophical and conceptual basis of human rights law	Understand
CO 2	To analyse the ethical aberrations to this concept due to contemporary developments in scientific research	Analyse
CO 3	To create the ethical and legal articulation of solutions to the challenges posed due to biological advances	Create

CO – PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	2	2	-	-
CO 2	2	2	2	-	-
CO 3	1	1	1	3	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course Contents:

Module I: Philosophical Foundations of Human Rights

Human Dignity and the basis of Human Rights, Origin -Nature of Human Rights, Sources of Human Rights, Categories of Human Rights, different philosophies on human rights – different jurisprudential Schools.

Module II: Human Rights in India

Historical, Social, Political Perspectives of Human Rights in India, Fundamental Rights and Indian Constitution, Legislative approach –judicial approach - Human Rights Institutions in India.

Module III: Human Rights of Marginalised

Minority Rights, Women’s Rights, Children’s Rights, Prisoner’s Rights, Refugees’ Rights, Transgenders – Indigenous population – sexual workers.

Module IV: Contemporary Developments and Human Rights Challenges

New Paradigms of Human Rights Philosophy Contemporary Democratic Theories and Human Rights, Philosophical Critique of Human Rights Discourse, Philosophy of Cultural Dialogue: Multicultural and Intercultural Perspectives - Media and Human Rights, Environmental Rights,- Globalization, and Human Rights - the Future of Human Rights.

Module V: Science and human rights

Scientific Philosophical School of thoughts –Scientific humanism Right to science – International and national approach – Indian Constitution - Intellectual Property Rights- Inter face with human rights.

References

1. Finnis, John Natural Law and Natural Rights, Oxford, Clarendon Press(1980)
2. Gaete, Rolando Human Rights and the limits of Critical Reason, Aldershot, Dartmouth Publishing Company (1993)
3. Sumnev, L.W. The Moral Foundation of Rights, Oxford, Oxford University Press (1987)

4. Davison, James Dale and Rees- Mogg The Sovereign Individual, Touchstone Books

Suggested Readings

1. Muzaffar, Chandra (1993) Human Rights and the New World Order, Pernang: Just World Trust (1997)
2. Peffer, R. J. Marxism, Morality and Social Justice, Princeton, Princeton University Press (1990)
3. Stone Julius Human Law and Human Justice, Sydney, Maitland(1965)
4. Taylor Charles, "Conditions of Unforced Consensus on Human Rights", The East Asian Challenges for Human Rights, Joanne R, Baner and Daniel A Bell (eds) Cambridge, Cambridge University Press (1999),
5. Tenson, Fernando, "International Human Rights and Cultural Relativism", 25, Virginia Journal of International law(1985)
6. Young, Avis Marion Justice and the Politics of Difference, Princeton, Princeton University Press. (1990)
7. Agnes, Flavia Law and Gender Inequality: The Politics of Women's Rights in India, Delhi, Oxford University Press. (1999)
8. Nirmal J. Chiramjivi, Human Rights in India, Delhi, Oxford University Press. (2000)
9. Baxi, Upendra, The Future of Human Rights, Delhi Oxford University Press. (2002)
10. The Constitution of India
11. Foucault, Michel 'Confronting Governments: Human Rights', in: James D. Faubion (ed.), Power: Essential Works of Foucault, Vol. 3, London: Penguin(2002),
12. Agamben, Giorgio Homo Sacer: Sovereign Power and Bare Life, Stanford: Stanford University Press,(1998),

SEMESTER IV

Semester IV: Core course 1

25-865-0401 Biodiversity, Biosafety and Bioethics (4 credits)

Course Objectives:

The course intends to give an understanding of the basis of genetic diversity and its maintenance, biosafety procedures. It provides valuable insights to the scientific investigators about the different social, environmental, legal and ethical considerations which should be taken into account while undertaking scientific investigations

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the sources of gene escapes and suggest possible changes in the existing scientific practices adopted hitherto	Understand
CO 2	To analyse the existing biosafety issues and suggest changes to the policy and legal regime existing in this arena	Analyse
CO 3	To create ethical, legal and biosafety standards for conducting scientific investigations	Create

CO – PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	2	1	1	-	-
CO 2	2	1	3	1	3
CO 3	2	2	2	1	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course Contents:

Module I: Biodiversity: Basic Understandings

Historical and geographical causes of diversity, genetic diversity, molecular taxonomy, species and population biodiversity. Quantifying biodiversity, maintenance of ecological biodiversity, biodiversity and centres of origin of animals, biodiversity hotspots in India.

Module II: Conservation of Biodiversity

Collection and conservation of biodiversity, conservation of animal genetic resources, assessing, analyzing and documenting biodiversity. Morphological and molecular characterization of biodiversity, vulnerable and extinction of biodiversity, introduction to biodiversity database, global biodiversity information system, bioethics, National and International legal frame work – ABS system.

Module III: Legal Framework Relating to Biosafety

Biosafety and Risk assessment issues; Health aspects; toxicology, allergenicity; Ecological aspects; Regulations; National biosafety policy and law. The Cartagena Protocol on biosafety. The WTO and other international agreements; Cross border movement of germplasm; Risk management issues; Monitoring strategies and methods for detecting transgenics; Risks, benefits and impacts of transgenics to human health, society and the environment

Module IV: Biohazards and Biosafety

Bio-safety and bio-hazards; general principles for the laboratory and environmental bio-safety; Environment Impact Assessment; Gene flow in natural and artificial ecologies;

Module V: Gene Escapes

Sources of gene escape; Ecological risks of genetically modified plants. Implications of intellectual property rights on the commercialization of biotechnology products

References:

1. Arya R. Biodiversity. Deep & Deep. (2005)
2. Gaston KJ. Biodiversity: an Introduction. Blackwell. (2004)
3. Kannaiyan S & Gopalam A. 2007. Biodiversity in India: Issues and Concerns. APC.
4. Usha Tandon et al, Biodiversity: Law, Policy and Governance, Taylor & Francis (2017)

Suggested Readings:

1. Charles R Mc Manis et al (Eds) Routledge Handbook of Biodiversity, (2017)
2. Dawn P Wooley et al, Biological Safety: Principles and Practices, ASM Publishers, Washington (5th Edition)

Semester IV: Core course 2

24-865-0402 Public Health Research: Bioethics & Bio Safety (4 credits)

Course Objectives:

The course aims at providing the relevance of bioethics as an essential element to be involved in public health research. It gives insights on the existing regulatory patterns both at the national and international level in public health research. It provides understandings on the statistical methodologies to be applied in public health research.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the essential legal requirements and ethical considerations in the conduct of public health research	Understand

CO 2	To analyse the effectiveness in the application of different statistical methods used in public health research.	Analyse
CO 3	To create standard operational protocols which may be applied in different forms of public health research.	Create

CO – PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	3	1	3
CO 2	3	3	3	1	3
CO 3	3	3	3	1	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course Contents:**Module I: Public Health Research**

Research in Health- Relevance- Need for Public health research in health policy planning development- Forms -Public health Research and Private Health Research-Public Health Management-Health Equity-Financing-Budgeting-limitations-Public health promotion-public health surveillance-challenges- Collaborative research in public health research.

Module II: Bioethics

Bioethics in Public Health Research- challenges- Regulation during emergencies and outbreak- new challenges including bioterrorism-Ethics of triage-Epidemiological Research-Forms-Challenges-Public Health information and challenges- Research Involving Humans-ethical challenges-Ethical Review Process-Health informatics and public health Research- Vulnerable and public health research.

Module III: Regulations in Public Health Research

Rights of Research Participants- Obligations of Scientist- Procedures- practices- National and International Ethical Guidelines for biomedical and health research- Approach of International legal regime-regulatory mechanisms-limitations- Regulations for medical devices, drug and biological material regulations

Module IV: Common research methods in Public Health Research

Basic Biostatistics -Quantitative and Qualitative research methods-Mixed Methods- Descriptive statistics and Inferential Statistics-Statistical Software Tools.

Module V: Public Health Research Findings and Documentation

Literature Review-Proposal development- Research Problem-Research Questions- Hypothesis-Research Design-Study Protocols-Data collection methods- Data Analysis- Report Writing - Publication-ethics- Data storage and Management-Data sharing policies- Informed Consent-Compensation-Role of Agencies involved in Public health research documentation-DHR, ICMR, NIHFW, PHFI, WHO, NIH, CDCSO, etc.

References:

1. Fallon L F., Eric J Zgodzinski. Public health management. Sundbury, MA: Jones and Barlett.2009.
2. Lieber J.G., C. McConnel. Management principles for health professionals. Sundbury, MA: Jones and Barlett. 2010.
3. Buchbinder, SB, N.H.Shanks. Introduction to health care management. Sundbury, MA: Jones and Barlett. 2007.
4. Fallon L F., C.McConnell. Human Resource Management in Health care. Sundbury, MA: Jones and Barlett. 2007.
5. N.S.N Rao, Elements of Health Statistics, Thara Publications, 1978.
6. Burt Gersteman, Basic Biostatistics: Statistics for Public health Practice, Jones & Bartlett Learning (2nd ed 2014)
7. Ding-Geng (Din) Chen, Jeffrey Wilson, Innovative Statistical methods for Public Health Data, Springer (2016).
8. Lisa M Sullivan, Essentials of Biostatistics in public health, Jones & Bartlett Learning (4th ed 2022)
9. Paul Chrystal, Bioterrorism and biological warfare: Disease as a Weapon of War, Pen and Sword Military, Yorkshire (2023)
10. J A Magnuson, Braian E. Dixon, Public health Informatics and Information Systems, Springer (2020)
11. Greg Guest, Emily E. Namey, Public Health Research Methods, Sage Publications (1st ed 2014)
12. Bruce W. Clements and Julie Ann P. Casani, Disaster and public Health Planning and Response, Butterworth Heinemann (2nd ed 2016)

Suggested Readings

1. Jonanthan Montgomery, Health Care Law, OUP (1997)
2. Jonathan Herring, Medical Law and Ethics, OUP, London (2010)

Semester IV: Elective course 1**25-865-0403 Law Relating to Science and Technology (3 credits)****Course Objectives:**

This course aims at critically evaluating the challenges for Law in the wake of scientific advancements and the resultant technologies. As science challenges a lot of conventional concepts, ethics and morality, Law has to create a balance between restricting the misuse of the same, while to allow its use for the welfare of mankind. This course aims at having a vivid idea of the international as well as national norms in this regard, having the human rights overtones as the basis. The course intends to cover the contemporary judicial and legal trends in this area.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the conflict between ethics, and morality on the one hand, and scientific advancement on the other side and the role of law in balancing them.	Understand
CO 2	To analyse the response of law to emerging scientific technologies.	Analyse
CO 3	To create and to suggest changes in existing regulatory frameworks in addressing the challenges posed by the emerging technologies.	Create

CO – PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	2	3	3	1	3
CO 2	3	3	3	1	3
CO 3	3	2	2	1	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course Contents:**Module I: Science and Social Conflicts**

Impact of science on society–Scientific advancement and traditional values–Role of law in balancing conflict between science and customary values- rule of social acceptance of norms.

Module II: Ethics and Scientific research

Scientific research and its social implications-science and ethics-human and animal research-ethical and legal concerns- privacy, autonomy, self-determination and other human rights in scientific research.

Module III: Scientific Advancements and Law

Science and problem of human civilization-application of scientific knowledge environmental hazards-Nuclear disaster-impact of scientific developments on environment-Law's response

-State liability- limitations by Law – National Science Policies And approaches.

Module IV: Biotechnology and Law

Problems raised by developments in biological sciences-knowledge in genetics and its social-regulation on research over human body materials- human body as property- implications - ethical problems in human genetics- judicial responses- patenting living organisms.

Module IV: Emerging Technologies and the Law

Replacing human intelligence by artificial intelligence- legal and ethical challenges-artificial intelligence in healthcare settings- doctor-patient relationship- impact on socialization process and limitations- national and international legal measures- block chains-nanotechnology-challenges& issues.

References

1. Robin Feldman, Role of Science in Law, Oxford University Press, (1stEdn.-2009)
2. Rohan J. Hardcastle, Law and the Human Body- Property, ownership and control, Hart Publishing,2009
3. Kevin D. Ashley, Artificial Intelligence and Legal Analytics: New Tools for the legal practice in the Digital Age, Cambridge University Press,2017.
4. Joseph L.Daleiden, The Science of Morality: The Individual, Community, and Future Generations, Prometheus Publications,1998.

Suggested Readings

1. KatriLohmus, Caring Autonomy: European Human Rights Law and the challenge of individualism, Cambridge University Press,2015.
2. Sarah Devaney, Stem Cell Research and the Collaborative Regulation of Innovation, Routledge Publishers,2017
3. Dr. Grumman preet Kaur, Nuclear Policy and Law, Sathyam Law International,2018.

4. ICRIER Health Policy Initiative, Challenges and Prospects for Clinical Trials in India: A Regulatory Perspective, Academic Foundation, 2018
5. Russell Sandberg, Religion, Law and Society, Cambridge University Press, 2014

Semester IV: Elective course 2

25-865-0404 Philosophy and Religion in Ethics (3 credits)

Course Objectives:

The Course intends to throw light on the impact of the religious philosophy in the development of ethical and legal principles. It portrays the impact of theological notions and secular notions on the development of ethical and legal principles. It elucidates the fine ethical notions ingrained in Indian Philosophy and its influence on the culture and social views.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the connection between philosophy and ethics	Understand
CO 2	To analyse the innate connection between religion, law and ethics.	Analyse
CO 3	To create fine ethical guidelines as a response to challenges in life.	Create

CO – PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	2	2	1	1	3
CO 2	2	2	1	1	2
CO 3	2	2	3	1	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course Contents:

Module I: Introduction to Philosophy

Introduction-Definition - Basics of Philosophy -Various systems in Philosophy-Issues in Philosophy

Module II: Schools of Thoughts in Philosophy

Various systems in Philosophy Objectives –Introduction-Indian and western philosophy-comparison of the two systems of philosophy

Module III: Indian Philosophy

Indian Philosophy Introduction-Nature of Indian Philosophy- Issues In Indian Philosophy-Philosophical Systems-Goals in Life (Purushartha) -Ethical Principles in Recognized Indian Traditional Systems of Medicine

Module IV –Philosophy and Ethical Conceptions

Philosophy and ethical issues Dharma and other Moral Concepts - Issues Concerning Good and Healthy Life - Emphasis on this life - Emphasis on life after death and eternal life - Emphasis on both - This life and the next.

Module V: Western Philosophy

Western Philosophy Introduction to Classical Theories of Morality-Virtue ethics-deontological concepts-Utilitarianism-Utilitarian principle of moral action

References

1. M.J. Loux, Metaphysics, A Contemporary Introduction, third edition, Routledge, 2006 E.
2. Conee& T. Sider, Riddles of Existence, A Guide Tour of Metaphysics, Clarendon Press, Oxford, 2005
3. Brian Garrett, What is this thing called metaphysics? Routledge, 2006 Wiggins,
4. David and Tim crane, “Metaphysics” in Philosophy 1, A Guide through the Subject, A.C. Grayling (ed.), OUP, 1995

Suggested Readings

1. Aristotle, Metaphysics Kant, Critique of Pure Reason
2. .H. Bradley, Appearance and Reality, OUP
3. Taylor, Metaphysics, Prentice Hall David Hales (ed.), Metaphysics: Contemporary Readings
4. M. Philips, Teachings of the Vedas, Ch.3, Seema Publishers, Delhi, 1976.
5. F. Max Muller, The Vedas, The Ideological Book House, Varanasi, 1969.
6. A.B. Keith, The Religion and Philosophy of the Vedas and the Upaniṣads, Part-V, Sections 26 & 27, Motilal Banarsidass, Delhi, 1976.
7. S.N. Dasgupta, History of Indian Philosophy, Motilal Banarsidass, Delhi, 1973.

8. M. Hiriyanna, Outlines of Indian Philosophy, George Allen & Unwin, London, 1973.
9. Beauchamp, Tom L., Philosophical Ethics, 2 nd edition, McGraw-Hill Inc, New York, London, 1991
10. Piers Benn, Ethics, University of Leeds, 1998
11. W.W. Baron, P. Petit and M. Slote, The Method of Ethics, Blackwell, 1997
12. William K. Frankena, Ethics, Prentice Hall Publication, Latest Edition.

Semester IV: Elective course 3

25-865-0405 Stem Cell Biology and Regenerative Medicine (3 credits)

Course Objectives:

Stem cell research and regenerative medicine is one of the fastest growing areas of biomedical research worldwide. Stem cells are specialised cells which are undifferentiated and capable of self-renewal and have the potential to develop into differentiated cell types. Stem cells act as organisms reserve cells that replaces specialised cells that are damages or lost during the development. During this course we explore several aspects of stem cell biology like the microenvironments or the niches that are required to maintain stem cells, asymmetric cell division, the genes required for stem cell fate, and the use of stem cells for medical/therapeutic applications. In addition, students will also get an insight into stem cell transplantation and tissue engineering in regenerative medicine and the ethical issues involved in this field of research.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the different types of stem cells and their specific characteristics and how they differ from fully differentiated cells.	Understand
CO 2	To analyse the validity of applications of stem cells for regenerative medicine and the possible problems that need to be overcome.	Analyse
CO 3	To create and apply techniques based on the use of Embryonic/Fetal, Induced pluripotent and adult stem cells for regenerative medicine applications to human diseases.	Create

CO – PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	1	3	2	1	3
CO 2	2	3	3	1	3

CO 3	3	3	3	1	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course Contents:

Module I: Origin of Stem Cells

Origin of stem cells in organogenesis, Properties of Stem cells, Cell fate determination, Cell potency, Embryonic stem cells, Adult/Tissue-specific stem cells, Induced pluripotent stem cells (iPSCs), Cord blood stem cells and amniotic fluid stem cells, Developmental plasticity, Dedifferentiation, Transdifferentiation, Somatic Cells by Nuclear Transfer

Module II: Tissue-specific/Adult stem cells

Hematopoietic Stem Cells, Mesenchymal Stem Cells, Neural Stem Cells, Epithelial Stem Cells, Skin Stem Cells, Cardiac stem cells, Stem Cells in the Pancreas and Liver, Other tissue specific stem cells, Cancer stem cells

Module III: Regulation of Stem Cell Fate and Function

Stem cell niche, Morphogens and growth factors, Control of gene expression, Epigenetic regulation, Positional identity and polarity in regeneration, Cellular differentiation and environmental insults/Stress, Morphallaxis, Epimorphosis

Module IV: Tissue Engineering and Regenerative Medicine

Three-dimensional cell culture, Organ culture, Organotypic culture, Animal models of stem cell research, Preclinical study design, Engineered scaffolds and matrices, Bioprinting of organs and tissues, Assessing potential stem cell risks and complications, Stem cell therapeutic efficacy and stability, Tumorigenicity.

Module V: Stem cells from the laboratory to the clinic

Modes of cell and tissue delivery, Biobanking of stem cells, In vivo regeneration of tissues by cell transplantation, Immunoisolation techniques, Regulatory perspectives, good laboratory/manufacturing practice (GLP/GMP), Ethical considerations in regenerative medicine, Studies of patients treated with stem cells.

References

1. Principles of regenerative medicine (3rd Edition) by Robert Lanza, Tony Mikos, Robert Nerem; Elsevier Academic press; 2019
2. Handbook of Stem Cells, Two-Volume Set: Volume 1-Embryonic Stem Cells; Volume 2-Adult & Fetal Stem Cells (v. 1). Academic Press; 2013
3. Stem Cells: scientific facts and fiction by Christine Mummery; Ian Sir Wilmut; Anja Van,De,Stolpe; Bernard Roelen; Elsevier Academic press; 2011

4. Essential of Stem Cell Biology. (3rd Edition) By Robert Lanza and Anthony Atala, Elsevier Academic press; 2009

Suggested Readings

1. Imaging and Tracking Stem Cells: Methods and Protocols (1st Edition) by KursadTurksen, Springer Science; 2013
2. Stem Cells & Regenerative Medicine (1st Edition), KrishnaraoAppasani and Raghu K. Appasani; Springer Science, 2011
3. Human Stem Cell Technology and Biology: A Research Guide and Laboratory Manual (1st Edition) by Gary S. Stein, Maria Borowski, Mai X. Luong, Meng-Jiao Shi, Kelly P. Smith, Priscilla Vazquez, Wiley-Blackwell; 2011
4. Stem Cells in Regenerative Medicine: Science, Regulation and Business Strategies; (1st Edition) Alain A. Vertes, Nasib Qureshi, Arnold I. Caplan, Lee E. Babiss; Wiley-Blackwell; 2015

Semester IV: Elective course 4

25-865-0406 Patent Regime and Biotech Inventions (3 credits)

Course Objectives:

Biotechnology has become one of the most promising but controversial technologies of the 21st century. It exerts great influence in the life of a common man from his/her food to his/her medicine. But the technology has also faced great challenges, some of which are ethical while others are legal. Since TRIPS, the technology has become a great talking point in the developing and under developed world due to its patent scope. This paper aims to shed light on the emerging issues that biotechnology has created in the patent framework. The paper also tries to examine the philosophical justifications of patent law and to analyse the changes brought to it by biotechnology.

<u>Course Outcomes (COs):</u>		<u>Bloom's Taxonomy Level</u>
After completion of the course, the student will be able:		
CO 1	To understand the basics of biotechnology as well as the philosophical and economic justifications of patent law.	Understand
CO 2	To analyse the importance and limitations of patent regime in supporting biotechnology based industries	Analyse

CO 3	To create and apply patentability standards on biotechnology inventions.	Create

CO – PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	3	1	3
CO 2	3	2	3	3	2
CO 3	3	3	3	1	3

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course Contents:**Module I: Evolution of Patent**

Historical origin – rationale of protection – Incentive theory, labour theory, personality theory -- patents as different from other forms of property’- role in fostering human rights like access to scientific information – invention related to living entities – their ownership and further use

Module II- Fundamentals of Patenting

Standards of patentability – subject matter of protection – limitations and exceptions, doctrine of exhaustion -TRIPS Agreement and Patent regime

Module III- Registration of Patent

Who can apply – procedure for registration – contents of application – special provisions for biological inventions – advertisement – search and examination – opposition proceedings – revocation – grant of patent – office of registration; Registration under PCT system – international phase – national phase; Patent Law Treaty, 2000 – its relevance and advantage-TRIPS

Module IV - Patents and Biotechnology

Biotech patents and their implications on development – effect of research tools and upstream patents on development-Challenges in patentability standards and patentable subject matter – statutory requirements and judicial interventions under different jurisdictions- USA, UK, India, China etc.

Module V- Patent Act and Biotechnology

Excluded subject matters – patentability standards – Guidelines for the examination of Biotechnology patents in India

References

1. Hughes J. “Philosophy of Intellectual Property” 77 The George Town Law Journal 285
2. Peter Drahos, *A Philosophy of Intellectual Property*, Dartmouth, (1996)
3. Terrel on Patent, Sweet & Maxwell (2006)
4. Christoph Belman and Graham Dutfield, *Trading in Knowledge: development Perspectives on TRIPS, Trade and Sustainability*, Earthscan Publications Ltd. (2003)

Suggested Readings

1. WIPO Reading Material on Intellectual Property, WIPO, Geneva
2. Timothy M. Swanson (ed), *Intellectual Property Rights and Biodiversity Conservation: An Interdisciplinary Analysis of the Values of Medicinal Plants*, Cambridge University Press (1995)
3. Keshav Tohan, *Biotechnology*, Wiley Eastern Ltd. (1990)
4. S.S.Purohit & S.K.Mathur, *Biotechnology: Fundamentals and Applications*, Aerobios Indian (2000).
5. M.D. Trevan.S.Boffey, K.H.Goulding and P.Stanbury, *Biotechnology: The Biological Principles*, Tata Mc G Raw Hill (1987)
6. Terence P. Stewart, *GATT Uruguay Round : Negotiating History*, Kluwer Law International (1999)
7. Reichman, Jerome, *Of Green Tulips and Legal Kudzu: Repackaging Rights in Subpatentable Innovations*, 2003

Semester IV: Elective course 5**25-865-0407****Recombinant DNA Technology****(3 credits)****Course Objectives:**

This is a course dealing with the tools and techniques involved in manipulating DNA. The various modules elaborate the different enzymes, the types of vectors used, the expression systems, the heterologous host systems used as well as the various cloning strategies and the processes involved therein. In addition techniques such as PCR, blotting, site directed mutagenesis, gene transfer and various screening strategies are also in This is an course

dealing with the tools and techniques involved in manipulating DNA. The various modules elaborate the different enzymes, the types of vectors used, the expression systems, the heterologous host systems used as well as the various cloning strategies and the processes involved therein. In addition, techniques such as PCR, blotting, site directed mutagenesis, gene transfer and various screening strategies are also included.

Course Outcomes (COs):		Bloom's Taxonomy Level
After completion of the course, the student will be able:		
CO 1	To understand the principle of PCR and differentiate the different types of PCR techniques for gene amplification and clone the amplicon and describe the different methods of gene transfer in plant, animal, and bacterial cells and describe heterologous gene expression and compare various genome editing tools and their implications.	Understand
CO 2	To analyse the experimental protocol to Produce a genomic DNA library and screening for recombinants and understand site directed mutagenesis technique and its application	Analyse
CO 3	To create modern techniques for manipulation and analysis of genomic sequence to obtain enhanced and desired characteristics in living organisms or as their products.	Create

CO – PSO Mapping:

CO/PSO	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5
CO 1	3	3	2	-	-
CO 2	2	2	-	-	1
CO 3	2	3	2	-	-

1= Slightly/Low, 2 = Moderate/Medium, 3=Substantial/High, “-” = No correlation.

Course Contents:

Module I: Enzymes in rDNA technology

Restriction–modification systems, Deoxyribo nucleases: exonucleases and endonucleases, Restriction enzymes-type-I, II, and III. S1 Nucleases, DNA Ligases, Alkaline phosphatase, DNA polymerase.

Module II: Cloning strategies

Shot gun cloning, amplicon cloning, cDNA cloning and its advantages and disadvantages. *Construction of genomic DNA and cDNA libraries:* Cloning Vectors -plasmids, lambda phage, SV40, Phagemids; Construction of artificial chromosome vectors-BAC & YAC; Expression systems and their applications.

Module III: Recombinant DNA-tailing, cohesive ends

Use of linkers, blunt end methods; *In vitro* packaging, Host vector systems; Probe construction; recombinant selection and screening; Southern hybridization, Colony hybridization, Plaque hybridization.

Module IV: Applications

PCR: RT-PCR, Inverse PCR, Nested PCR, LAMP; Molecular Markers - RAPD, RFLP, DNA finger printing, microsatellites and mini satellites, SNPs, ESTs, Barcoding; Site directed mutagenesis; *Gene transfer in animals and plants*: direct gene transfer and molecular chimeras Microinjection, electroporation, biolistics, direct gene transfer using PEG, calcium chloride, calcium phosphate; Vector mediated gene transfer-Agrobacterium mediated transfer.

Module V: Heterologous protein expression in prokaryote and Eukaryotes

Expression in *E. coli*, yeasts and mammalian cells; Advantages and disadvantages of the various expression systems; cloning of genes into vectors; production and subsequent characterization of the recombinant protein. Genome editing strategies: CRISPR-cas, TALENS, ZFNs, engineered nucleases, mega nucleases; MAGE; Applications

References

1. Winnaker, E.L. (2003). *From Genes to Clones*. India. VCH Panima Educational Book Agency.
2. Karcher, S.J. (1995). *Molecular Biology-A Project Approach* (1sted.). Academic Press.
3. Primrose, S.B. (2006). *Principles of Gene manipulation and Genomics* (7thed.). Blackwell Scientific Publications.
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