

OVER ALL

Institute Name: COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY

India Rankings 2017 ID

IR17-I-2-18161

Discipline OVER ALL

Parameter

Sponsored Research Projects

| S.No. | Financial Year | Name of Faculty (Principal Investigator) | Name of the Funding agency | Title of the Project | Sanctioned order no. | Sanctioned date | Amount Received (In Rupees) | Amount received (in words) |
|-------|----------------|--|---|--|---|-----------------|-----------------------------|--|
| 1 | 2015-16 | Dr. S. Bijoy Nandan | Department of Environment and Climate Change | Carbon potencial and fluxes with special reference to greenhouse gas emission from the coastal ecosystems of Kerala | DoECC/D1/710/2015 | 21/03/15 | 16,12,000 | Sixteen lakhs twelve thousand |
| 2 | 2015-16 | Dr. P. Arunachalam | Indian Council of Social Science Research, New Delhi | A study on Sustainable Solid Waste Management in Kerala State | SC-13/2014-15/ICSSR/RPS | 13/03/15 | 15,46,000 | Fifteen lakh fourty six thousand |
| 3 | 2015-16 | Dr. Aanandan C.K. | University Grants Commission | "UGC-SAP at the level of DSA-III" | F.4-3/2015/DSA-III(SAP-II) | 18/03/15 | 7,00,000 | Seven lakhs |
| 4 | 2015-16 | Dr. N.G. Devaki | University Grants Commission | UGC-Emeritus Fellowship | F.6-6/2014-15/EMERITUS-2014-15-GEN-4818/(SA-II) | 30/05/15 | | DBT |
| 5 | 2015-16 | Dr. A. Krishnamoorthy | Department of Science and Technology | Elaboration Mathematical Models Methods, Algorithms and Computer tools for Quality of Service Evaluation of Broadband Wireless Networks, Multimedia information Transmission along Main Transport Systems and Their Safety Control | INT/RUS/RMES/P-3/2014 | 15/14/15 | 10,54,248 | Ten lakhs fifty four thousand two hundred and fourty eight |
| 6 | 2015-16 | Dr. T.P. Sajeevan | Kerala State Council for Science Technology & Environment | Bioactive peptides and depsipeptides with potential anticancer activity from marine sponges and tunicates of Indian Ocean | 195/2015/KSCSTE | 12/06/15 | 9,12,160 | Nine lakhs twelve thousand one hundred and sixty |

OVER ALL

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| 7 | 2015-16 | Dr. M. Harikrishnan | Kerala State Council for Science Technology & Environment | Temporal and spacial distribution of larval form of mactribrachium spp in Vembanad lake with special reference to change in Lacustrine ecology | 194/2015/KSCSTE | 12/06/15 | 11,93,320 | Eleven lakhs ninety three thousand three hundred and twenty |
| 8 | 2015-16 | Dr. P. Radhakrishnan | University Grants Commission | UGC-Emeritus Fellowship | F.6-6/2014-15/EMERITUS-2014-15-GEN-4776/(SA-II) | 30/01/15 | | DBT |
| 9 | 2015-16 | Dr. M.R. Anantharaman | Department of Science and Technology - SERB | Artificial muscle based on ferrogel fibers | SB/S2/CMP-089/2013 | 30/01/15 | 32,75,000 | Thirty two lakhs seventy five thousand |
| 10 | 2015-16 | Dr. M Kailasnath | Kerala State Council for Science Technology & Environment | Celebration of Light Year | (P)867/2015/KSCSTE | 14/01/15 | 1,85,841 | One lakh eighty five thousand eight hundred and forty one |
| 11 | 2015-16 | Mr. Jos Prakash A.V. | Kerala State Council for Science Technology & Environment | A bandpass Sigma-Delta Modulator with Direct RF-Sampling for Nuclear Magnetic Resonance imaging. | 70/2015/KSCSTE | 20/04/15 | 1,00,000 | One lakhs |
| 12 | 2015-16 | Dr. K. Vasudevan | CSIR New Delhi | CSIR Emeritus Scientist Scheme - Design and Development of High Gain Microstrip and Monopole Antennas for Portable Devices | 21(0955)/13/EMR-II | 28/04/14 | 10,86,480 | Ten lakhs eighty six thousand four hundred and eighty |
| 13 | 2015-16 | Prof. Thomas Kurian Co-ordinator | University Grants Commission | UGC-SAP-DRS-II | F-4-5/2015/DRS-II(SAP II) | 24/08/15 | 6,10,000 | Six lakhs ten thousand |
| 14 | 2015-16 | Dr. M.N. Narayanan Namboodiri | University Grants Commission | UGC-Emeritus Fellowship | F-6-6/2015-17/EMERITUS-2015-III/GEN 6513(SA-II) | 21/09/15 | | DBT |
| 15 | 2015-16 | Dr. K.G. Nair | Kerala State Council for Science Technology & Environment | One day Science Workshop for High School and Higher Secondary School Students (3 Workshops) | 91/2015/KSCSTE | 15/05/15 | 1,27,614 | One lakh twenty seven thousand six hundred and fourteen |
| 16 | 2015-16 | Dr. I.S. Bright Singh | University Grants Commission | Indo US Collaborative Project -innovative reforms in Marine Biotechnology Education and Research of Development of Sustainable Aquaculture Production Systems for inclusive growth and Development | 194-1/2009(IC) | 02/07/15 | | Nil |
| 17 | 2015-16 | Dr. K.G. Nair | Kerala State Council for Science Technology & Environment | A two in one project for the benefit of School children and their teachers to develop scientific awareness and passion for knowledge through impressive and innovative learning, process | 153/2014/KSCSTE | 21/06/14 | 16,00,000 | Sixteen lakhs |

OVER ALL

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| 18 | 2015-16 | Dr. D. Rajasenan | KILE | Impact of Trawl Ban on Employment and Food Security of the Fisher Folks in Kerala: an analysis in the context of Globalization | KILE/C/R/741/2015 | 19/12/15 | 2,97,000 | Two lakhs ninety seven thousand |
| 19 | 2015-16 | Dr. K.G Nair | Kerala State Council for Science Technology & Environment | A one day training programme on experimental optics for teachers in schools and colleges | 532/2015/KSCSTE | 18/09/15 | 4,80,000 | Four lakhs eighty thousand |
| 20 | 2015-16 | Dr. K. Girish Kumar | Kerala State Council for Science Technology & Environment | Development of Fluorescent Sensors for Pharmaceutical and Clinical Analysis | 981/2015/KSCSTE | 05/02/16 | 3,94,800 | Three lakhs ninety four thousand eight hundred |
| 21 | 2015-16 | Sunitha A.S. | Indian Council of Social Science Research, New Delhi | Socio-Economic Exclusion: An Investigation into the Intra-Community vicissitudes among the Tribes of Kerala: Based on Social Progress Index | 2/121/SC/2015-16/RPR | 15/02/16 | 2,56,000 | Two lakhs fifty six thousand |
| 22 | 2015-16 | Dr. K P Joy | INSA | INSA Senior Scientist Programme in respect of Dr.K P JOY | SP/SS/2014/1045 | 13/10/14 | 4,48,667 | Four lakhs fourty eight thousand six hundred and sixty seven |
| 23 | 2015-16 | Dr.V. Sivanandan Achari | University Grants Commission | UGC-SAP-DRS PHASE-II AT SCHOOL OF ENVIRONMENTAL STUDIES | F.4-14/2015/DRS-II(SAP-II) | 01/11/15 | 27,00,000 | Twenty seven lakhs |
| 24 | 2015-16 | Dr.I.S.Bright Singh | University Grants Commission | UGC- BSR Faculty Fellowship | 18-1/2011(BSR) | 01/04/13 | 8,58,000 | Eight lakhs fifty eight thousand |
| 25 | 2015-16 | Dr. C Sudha Kartha | Kerala State Council for Science Technology & Environment | KSCSTE Emeritus Fellowship | 975/2015/KSCSTE | 05/02/16 | 6,14,800 | six lakhs fourteen thousand eight hundred |
| 26 | 2015-16 | Dr. N Manoj | University Grants Commission | Synthesis and study of new organocatalysts for assymetric Michael Addition reactions | 43-251/2014(SR) | 03/12/15 | 8,75,600 | Eight lakhs seventy five thousand |
| 27 | 2015-16 | Dr.Lakshmi Devi K.R | University Grants Commission | UGC Emeritus Fellowship | F.6-6/2014-15/EMERITUS-2014-15-GEN-4879/(SA-II) | 30/01/15 | 1,43,000 | One lakh Fourty three thousand |
| 28 | 2015-16 | Sephy Rose Sebastian | National Academy of Sciences (NASI) | Antimicrobial peptides from shrimps and their recombinant expression | NASI/SoRF-1/2015-16/07 | 20/01/16 | 2,92,600 | Two lakhs ninety two thousand six hundred |
| 29 | 2015-16 | Smitha george | Best paper award scheme of KSCSTE | Development of Resin Supported Dendrigrft Polymers for Organic Transformations | 822/2015/KSCSTE | 30/12/15 | 50,000 | Fifty thousand |
| 30 | 2015-16 | Dr. Padma Nambisan | IUCIPRS | Protecting Intellectual Property: Relevance in an Indian context | IUCIPRS/MR PROJECT/2015-16 | 14/03/16 | 75,000 | Seventy five thousand |

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| 31 | 2015-16 | Dr. I. S. BrightSingh | Department of BioTechnology | Evaluating costs and benefits of prophylactic health products and novel alternatives on smallholder aquaculture farmers in Asia and Africa (IMAQualate) | BT/IN/INDO-UK/BBSRC-AQUA/36/TCJ/15-16 | 29/03/16 & 28/04/16 | 12,00,000 | Twelve lakhs |
| 32 | 2015-16 | Dr Sheenu Thomas | Kerala State Council for Science Technology & Environment | Chalcogenide nano materials for photonic device applications | 401/2015/KSCSTE | 18/08/15 | 17,34,160 | Seventeen lakhs thirty four thousand one hundred and sixty |
| 33 | 2014-15 | Dr .S.Jayalekshmi | Department of Science and Technology - SERB | “ Synthesis of new light emitting polymers and fabrication of ploymer LEDs with desired charecteristics “ | SB/S2/CMP-0027/2013 | 24/04/14 | 34,50,000 | Thirty four lakhs fifty thousand |
| 34 | 2014-15 | Dr. M.K Jayaraj | Science and Engineering Research Board | “ Upconvrsion phosphors for solar cell applications “ | SB/S2/CMP-083/2013 | 17/06/14 | 24,00,000 | Twenty four lakhs |
| 35 | 2014-15 | Dr. R.Sree kumar | Department of Science and Technology | “ Development of all spray – coated large area thin film solar cells employng spray pyrolysis methodology” | SB/FTP/PS-077/2013 | 28/05/14 | 21,20,000 | Twenty one lakhs twenty thousand |
| 36 | 2014-15 | Dr.K.Girish Kumar | University Grants Commission | UGC -BSR one time grant | F.19-133/2014(BSR) | 02/08/14 | 7,00,000 | Seven lakhs |
| 37 | 2014-15 | Dr.Sujatha C.H | Dept of Biotechnology | “Detection of DMSP (Dimethyl sulphoniopropionate) Production in Phytoplankton Species Using ddd gene Encoding Primers “ | BT/PR3233/AAQ/3/566/2011 | 04/07/14 | 25,13,140 | Twenty five lakhs thirteen thousand one hundred and fourteen |
| 38 | 2014-15 | Dr.N.S Sudheer | Kerala State Council for Science Technology & Environment | “ Double stranded RNA and mediated silencing of pm STAT gene in Penaeus monodon and its oral delivery to protect shrimps from WSSV “ | 1563/2014/KSCSTE | 31/03/14 | 14,82,697 | Fourteen lakhs eighty two thousand six hundred and ninety seven |
| 39 | 2014-15 | Dr.K.G Nair | Kerala State Council for Science Technology & Environment | “ Enlighting of scientific spirit and awareness among school students and teachers through a two-in-one project for the benefit of school children and their teachers to develop scientific awareness and passion for knowledge through various learning process during innovative Science gadgets and books “ | 153/2014/KSCSTE | 21/06/14 | 18,88,957 | Eighteen lakhs eighty eight thousand nine hundred and fifty seven |
| 40 | 2014-15 | Dr.K.P.Vijayakumar | CSIR New Delhi | “ fabrication of copper zinc tin sulphide based thin solar cells through spray technique “ | 21(0970)/13/EMR-II | 29/10/14 | 8,49,548 | Eight lakhs fourty nine thousand five hundred and fourty eight |
| 41 | 2014-15 | Ms.Ranjini.R.Mohan | Department of Science and Technology | “ Semiconducting polymer-graphene hybrid materials for organic field effect transistor applications “ | SR/WOS-A/PM-1012/2014(G) | 28/10/14 | 11,54,000 | Eleven lakhs fifty four thousand |

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| 42 | 2014-15 | Dr.M.K.Jayaraj | Kerala State Council for Science Technology & Environment | " Growth of carbon nano tubes for transparent electronics applications " | 286/2014/KSCSTE | 22/07/14 | 20,74,886 | Twenty lakhs seventy four eight hundred and eighty six |
| 43 | 2014-15 | Dr.D.Rajaseenan | KSPB | " Socio-Economic and Cultural Exclusion : changing perception of Tribes in Kerala " | 359/EVN/2013/SPB | 27/09/14 | 2,68,620 | Two lakhs sixty eight six hundred and twenty |
| 44 | 2014-15 | Dr.P.Mohanan | DAE-BRNS | " Implantable Sensor Antenna System for medical Applications " | 34/14/10/2014-BRNS | 01/05/14 | 16,35,009 | Sixteen lakhs thirty five thousand and nine |
| 45 | 2014-15 | Dr.N.Balakrishna | Science and Engineering Research Board | " Stochastic modelling of Non-linear Time Series " | SR/S4/MS:837/13 | 04/09/14 | 5,00,000 | Five lakhs |
| 46 | 2014-15 | Dr.C.A Babu | ISRO-PLANEX | " Theoretical Modelling of X-Ray Emission From the Veneer of Galilean satellites " | NIL | 08/07/14 | 4,80,480 | Four lakhs eighty thousand four hundred and eighty |
| 47 | 2014-15 | Dr.Sreekanth.P.M | Science and Engineering Research Board | Fine Scale Genetic Structuring of Mangrove Tree Avicennia Marina in Ecologically Important Areas of Kerala Coast | SB/YS/LS-66/2014 | 12/03/15 | 18,00,000 | Eighteen lakhs |
| 48 | 2014-15 | Dr.V.P.N Nampoori | Kerala State Council for Science Technology & Environment | " Design and fabrication of biopolymer based biophotonic devices with special reference to organic LED " | 1327/2014/KSCSTE | 10/02/14 | 10,29,045 | Ten lakhs twenty nine thousand and forty five |
| 49 | 2014-15 | Dr.N.Mohanan | University Grants Commission | " UGC-SAP at the level of DSA-I" | F.4-4/2013(SAP-III) | 01/03/13 | 5,70,000 | Five lakhs seventy thousand |
| 50 | 2014-15 | Dr.Anandan | University Grants Commission | " UGC-SAP at the level of DSA-II" | F.4-3/2015/DSA-III(SAP-II) | 18/03/15 | 7,00,000 | Seven lakhs |
| 51 | 2014-15 | Dr.N.Mohanan | University Grants Commission | UGC- Emeritus Fellowship | F.6-6/2013-14/EMERITUS-2013-14-OBC-2814/(SA-II) | 18/04/14 | | DBT |
| 52 | 2014-15 | Dr.P.Arunachalam | Indian Council of Social Science Research, New Delhi | A study on the sustainable solid waste management in Kerala State | SC-13/2014-15/ICSSR/IRPPS | 13/03/15 | 15,46,000 | Fifteen lakh forty six thousand |
| 53 | 2014-15 | Dr.K.G Nair | Kerala State Council for Science Technology & Environment | "Training to Science Teachers of the selected Sastraposhini Schools " | 153/2014/KSCSTE | 21/06/14 | 3,89,528 | Three lakhs eighty nine thousand five hundred and twenty eight |
| 54 | 2014-15 | Dr.S.Anilkumar | Kerala State Council for Science Technology & Environment | " Capacity building of Science Communication for effective science Popularization " | | | 2,00,000 | Two lakhs |
| 55 | 2013-14 | Dr.K.T.Thomson | Ministry of Earth Sciences | Adaptation research, a transdisciplinary transnational community and policy centered approach (ARTISTICC) | MoES/01/CZM/01/ARTISTIC/2013 | 31/07/13 | 10,50,000 | Ten lakhs fifty thousand |

OVER ALL

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| 56 | 2013-14 | Dr. I. S. BrightSingh | Science and Engineering Research Board | Selection and identification of immunocompetent early life stages of the giant freshwater prawn <i>Macrobrachium rosenbergii</i> based on differential mRNA expression | SB/S0/AS-132/2012 | 27/05/13 | 40,57,000 | Fourty lakhs fifty seven thousand |
| 57 | 2013-14 | Dr Sasi Gopalan | Science and Engineering Research Board | New mathematical models and function approximation in Image processing | SB/EMEQ-146/2013 | 01/11/13 | 4,00,000 | Four lakhs |
| 58 | 2013-14 | Dr Babita Roslind Jose | Kerala State Council for Science Technology & Environment | System level analysis and design of Re-configurable multi-standard sigma delta analog to digital converters for next generation of wireless tranceivers | 423/2013/KSCSTE | 26/03/13 | 6,92,998 | Six lakhs ninety two thousand nine hundred and ninety eight |
| 59 | 2013-14 | Dr Dipak Kumar Sahoo | Kerala State Council for Science Technology & Environment | An investigation of the suitability of coarse recycled concrete aggregate for structural concrete | 440/2013/KSCSTE | 27/03/13 | 12,35,801 | Twelve lakhs thirty five thousand eight hundred and one |
| 60 | 2013-14 | Dr.Manju Mary Joseph | Kerala State Council for Science Technology & Environment | Assessment of biodiesel production potential of microalgae collected from the backwaters of Kerala | 1014/2013/KSCSTE | 13/10/13 | 15,47,951 | Fifteen lakh fourty seven thousand nine hundred and fifty one |
| 61 | 2013-14 | Dr. A. A. Mohammed Hatha | Space Application Centre | Modelling biogeochemical cycles in coastal oceans | NIL | 27/11/13 | 27,00,000 | Twenty seven lakhs |
| 62 | 2013-14 | Dr.S.Anil Kumar | Kerala State Council for Science Technology & Environment | Collection, compilation, verification, editing, digitalization and popularisation of traditional science and wisdom | | | 1,98,714 | One lakh ninety eight thousand seven hundred and fourteen |
| 63 | 2013-14 | Dr Renu Pawels | Kerala State Council for Science Technology & Environment | Biodrying process -A sustainable technology for solid waste management | 415/2013/KSCSTE | 25/03/13 | 10,88,589 | Ten lakhs eighty eight thousand five hundred and eighty nine |
| 64 | 2013-14 | Dr. Sujatha C. H. | Kerala State Council for Science Technology & Environment | Contaminant charecterization of soil in selected areas (Chittur and Kanjikode) of palakad district Kerala | 404/2013/KSCSTE | 22/03/13 | 12,32,700 | Twelve lakhs thirty two thousand seven hundred |
| 65 | 2013-14 | Dr V Madhu | Science and Engineering Research Board | Integrated atmospheric ozone variability over Lakshadweep and cochin in present climate change Scenario | SB/EMEQ-303/2013 | 11/10/13 | 26,00,000 | Twenty six lakhs |
| 66 | 2013-14 | Dr K.P Vijayakumar | University Grants Commission | UGC-SAP | F.530/9/CAS/2013(SAP-I) | 22/07/13 | 8,40,000 | Eight lakhs fourty thousand |
| 67 | 2013-14 | Dr C.A Babu | University Grants Commission | UGC-SAP | F.530/17/DRS/2013(SAP-I) | 12/09/13 | 4,20,000 | Four lakhs twenty thousand |
| 68 | 2013-14 | Dr George Mathew | Kerala State Council for Science Technology & Environment | Study on the influence of corrosion inhibitors in concrete exposed to high temperature | 1105/2016/KSCSTE | 27/11/13 | 12,32,160 | Twelve lakhs thirty two thousand one hundred and sixty |

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| 69 | 2013-14 | Dr Beneesh P.B | Department of Science and Technology | DST-INSPIRE | DST/INSPIRE Faculty Award/2013 | 01/08/13 | 19,00,000 | Nineteen lakhs |
| 70 | 2013-14 | The Head, Dept of Physics | Department of Science and Technology | DST-FIST | SR/FST/PSI-181/2012(C) | 20/03/13 | 1,20,00,000 | One crore twenty lakhs |
| 71 | 2013-14 | Mr Baby Chakrapani | Indian Institute of Tropical Meteorology | Role of ocean in extended range prediction of monsoon's active break cycle improving hindcast skill of the NCEP-CFS modelling system | MM/SERP/Cochin-Univ/2013/IND-1/002/1389 | | 28,79,176 | Twenty eight lakhs seventy nine thousand one hundred and seventy six |
| 72 | 2013-14 | Head Dept. of Electronics | Department of Science and Technology | DST-FIST | SR/FST/ETI-300/2011(C) | 25/07/12 | 52,00,000 | Fifty two lakhs |
| 73 | 2013-14 | Dr Saritha G Bhat | Kerala State Council for Science Technology & Environment | Salmonella Lytic Bacteriophages for application as biocontrol agents | 009/SRSHS/2012/CSTE | 20/11/13 | 17,65,236 | Seventeen lakhs sixty five thousand two hundred and thirty six |
| 74 | 2013-14 | Dr.Rani Joseph | University Grants Commission | U G C B S R Faculty Fellowship | F.18-1(44)/2013(BSR) | 02/12/13 | 22,60,917 | Twenty two lakhs sixty thousand nine hundred and seventeen |
| 75 | 2013-14 | Dr.D Rajasenan | Indian Council of Social Science Research, New Delhi | Self Financing regime and educational Exclusion ; An inquiry in to the professional education in Kerala | 02/180/2012-RP | 29/04/13 | 7,00,000 | Seven lakhs |
| 76 | 2013-14 | Dr.D Rajasenan | Indian Council of Social Science Research, New Delhi | Residential Segregation and Social Exclusion among the scheduled castes and scheduled Tribes of Kerala. | 02/36/2013-14/RPR | 27/12/13 | 10,00,000 | Ten laks |
| 77 | 2013-14 | Dr.D Rajasenan | Kerala State higher Education Council | Sef financing engineering education ain kerala ;The situation of drop out and employment exclusion of SC/ST Students | 1292/RES.PROJ/2013 KSHCEC | 28/11/13 | 1,40,000 | One lakh fourty thousand |
| 78 | 2013-14 | Dr C S Paulose | University Grants Commission | U G C B S R Faculty Fellowship | 18-1/2011(BSR) | 26/03/12 | 13,20,000 | Thirteen lakhs twenty thousand |
| 79 | 2013-14 | Dr. K V Pramod | A I C T E | Modernisation of computer lab under MODROBS scheme | PLB1/16481/13 | 04/12/13 | 9,13,550 | Nine lakhs thirteen thousand five hundred and fifty |

OVER ALL

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| 80 | 2013-14 | Dr S Mridula | Kerala State Council for Science Technology & Environment | Design and development of compact planar filters for RF/Microwave applications | ETP/03/2013/KSCSTE | 26/09/13 | 14,92,440 | Fourteen lakhs ninety thousand four hundred and forty |
| 81 | 2013-14 | Dr. N.Biju | A I C T E | Modernisation of metrology Lab under MODROBS scheme | 12/AICTE/RIFD/MOD(POLICY-2)-15/2012-13 | 30/01/13 | 18,00,000 | Eighteen lakhs |
| 82 | 2013-14 | Dr. A Krishnamoorthy | Kerala State Council for Science Technology & Environment | KSCSTE Emeritus Scientist Scheme; | 1278/2014/KSCSTE | 25/01/14 | 17,21,353 | Seventeen lakhs twenty one thousand three hundred and thirty five |
| 83 | 2013-14 | Dr P Radhakrishnan | University Grants Commission | Development of optical fiber based devices for sensing applications | 184-2/2016(IC) | 01/02/13 | 21,84,104 | Twenty one lakhs eighty four thousand one hundred and four |