

NATIONAL INSTITUTE OF TECHNOLOGY CALICUT

Office of the Dean (R&C)

LIST OF ONGOING PROJECTS

| File No. | Project Name/Sanction Order No./Period | Name and Designation of Coordinator | Amount Sanctioned | Completed/ Ongoing | UC Sent/Not |
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| 2005 to 2008 | | | | | |
| 1 | Fund for improvement of S&T infrastructure in universities and higher educational institution (Sanctioned by DST(SERC Division)) Sanction Order No: SR/FST/ETI-201/2007. Dt.06.03.2008. Period: 5 years File Name: NITC/DEAN (C&SR)/DST/FIST/CSED/08 | Mr. Abdul Nazeer CSED | 33,60,000 | | |
| 2009-10 | | | | | |
| 2 | DST-FIST Programme “To Strengthen the Research and post graduate in area of power quality and II Energy Research in EED”. (Sanctioned by DST) Sanction Order NO:SR/FST/ETI-049/2008. Dt.12.01.2009 File No. NITC/DEAN (C&SR)/DST/FIST/EED/09 Period: 5Years | Dr.S.Ashok, EED | 1,00,00,000/- | | |
| 2010-11 | | | | | |
| 3 | HPCL Project “Investigation on fuels catalytic nano particles additives’(Hindustan Petroleum Corporation Ltd-HPCL) Sanction Order No: Letter from HPCL Period: 3 Years File Name: NITC/DEAN (C&SR)/HPCL/VS&CBS/SNST/2010 | Dr.C.B.Sobhan, Sajith.V SNST | 1,20,00,000/- | | |
| 4 | Molecular and Functional Characterization of Putative ZzRI Resistance gene from Zingiber Zerumbet, A Wild Relative of Ginger(Sanctioned by DBT) Sanction Order No: BT/PR13248/GBD/27/232/2009 Dt 14/1/09 Period: 3 Years File No: NITC/DEAN (C&SR)/DBT/RAN/SOBT/2010 | Dr.R.Aswati Nair, SOBT | 16,21,000/- | | |
| 5 | Consultancy Work From Tata Steel Ltd. (Sanctioned by Tata Steel Ltd) Sanction Order NO. SR/SO/BB/038/2009 F.No.NITC/DEAN(C&SR)/TSL/CONSULTANCY /SNST/2010 Period: 3Years | Sri.Shijo Thomas, SNST | 20,00,000/- | | |

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| 6 | DST Fast Track Project “Molecular Cloning and Characterization of Terpene Synthase involved in Zerumbone Biosynthesis from Zingiber Zerumber” (Sanctioned by DST) Sanction Order No: SR/FT/LS-052/2009 dated 28-07-2009 File Name: NITC/DEAN (C&SR)/DST/FT/RAN/SOBT/2010 Period: 3 Yrs. | Dr.R.Aswathi Nair, SOBT | 15,82,000/- | | |
| 7 | ARDB ”DSMC Simulation of solid rocket exhaust Plums” (Sanctioned by Aeronautics R&D Board-ARDB) Sanction Order No.DARO/08/1041566/M/I F.No.NITC/DEAN(C&SR)DARO/DRDO/ARDB/SPS/SNST/2010 Period: 3 Yrs. | Dr.Sarith.P.Sathian/Dr V Sajith, SNST | 18,31,000/- | | |
| 8 | DST Project entitled “Characterizing the Interactions of Chlorpromazine with the Mitotic Kinesin Eg5 and Tubulin: Implications in Cancer Chemotherapy”(Sanctioned by DST) Sanction Order No:SR/SO/BB-13/2010, Dt:19-10-2010 F.No.NITC/DEAN(C&SR) DST/KR/SOBT/2010 Period: 3 years | Dr.Rathinasamy.K SOBT | 38,05,068/- | | |
| 9 | DRDO Project “Investigation of Distributed Generation System Integration Strategies on a Laboratory Scale Microgrid” (Sanctioned by Defence Res&Dev Organ-DRDO) Sanction Order No.ERIP/ER/1006010/M/01/1268 dt.02-11-2010 Period: 3 Years F.No.NITC/DEAN(C&SR)/DRDO/DERIPR/EPC/EED/2010 | Dr.Elizabeth.P.Cheriyian EED | 7,00,000/- | | |
| 10 | DBT Project “Identification and Characterisation of Phytochemicals from Indian Medicinal Herbs for their Potential Application in Cancer Chemotherapy” (Sanctioned by DBT) Sanction Order No.BT/PR14142/PBD/17/696/2010dt.15-02-2011 Periods: 2 Years File: No. NITC/DEAN(C&SR)/DBT/KR/SOBT/2011 | Dr.K.Rathinasamy SOBT | 19,56,000/- | | |
| 11 | DRDO Project “Design and Development of Electro-magnetically Driven Miniature Cryo-cooler for IR Sensor Array – Phase I”. (Sanctioned by DRDO) Sanction Order No. ERIP/ER/1006012/M/01/1302 dt.23-03-2011 Period: 2 years F.No.NITC/DEAN(C&SR)/DRDO/DER&IPR/BTR/MED/2011 | Dr.Biju.T.Kuzhiveli MED | 27,50,000/- | | |

2011-12

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| 12 | <p>Coir Board Project “Use of Coir Pith for Airport Soft Ground Arrester System” (Sanctioned by Central Coir Research Institute) Sanction Order No:CCRI/RES/CP-NITC/2011/3797 dt 31/03/2011 Period: 3 years F.No.NITC/DEAN(C&SR)/CB/MSME/UCPASGAS/MVLRA/CED/2011.</p> | <p>Dr.M.V.L.R.Anjaneyulu CED mvlr@nitc.ac.in</p> | 1,13,12,400/- | | |
| 13 | <p>Coir Board Project “Study of Long Term Performance of Pavement Reinforced with Coir Geotextiles” (Sanctioned by Central Coir Research Institute) Period:3 years F.No.NITC/DEAN(C&SR)/CB/MSME/SLTPPRCG/MVLRA/CED/2011.</p> | <p>Dr.M.V.L.R.Anjaneyulu CED</p> | 2,68,11,400/- | | |
| 14 | <p>DBT Project “Combination therapy in ischemic stroke: Evaluation of Synergistic Neuro protective effects of Paroxetine and Everolimus.(Sanctioned by DBT) Sanction Order No.BT/PR15112/GDB/27/323/2011 dt.16-3-11. Period:3 years File No. NITC/DEAN(C&SR)/DBT/FGK/SOBT/2011</p> | <p>Dr.Rajanikant.G.K, Asst. Professor, Biotechnology</p> | 13,92,000/- | | |
| 15 | <p>DBT Project “Establishment of Bioinformatics Infrastructure Facility for Biology Teaching through Bioinformatics” (Sanctioned by DBT) Sanction Order. No.BT/BI/25/001/2006 dt.02-03-2011 Period: 1Year File No: NITC/DEAN(C&SR)/DBT/BIF-BTBI/RGK/SOBT/2011</p> | <p>Dr.Rajanikant.G.K, Asst. Professor, Biotechnology</p> | 20,00,000/- | | |
| 16 | <p>KSCSTE Project “Seismic evaluation of existing multi-storey building in Kozhikode District” Council Sites (Sanctioned by KSCSTE) Sanction Order No. (T) 032/ETP/2011/KSCSTE dt.07-05-2011. Period: 3 years File No: NITC/DEAN(C&SR)/KSCSTE/PN/CED/2011</p> | <p>Dr.Praveen Nagarajan, Asst.Professor CED</p> | 9,99,000/- | | |
| 17 | <p>DST Project “Cavity enhanced absorption spectroscopy for trace gas pollutant monitoring”(Sanctioned by DST) NITC/ DEAN(C&SR) DST/MKRV/PHYSICS/2011 Sanction Order No.SR/S2/LOP-0008/2010(C) & SR/S2/LOP-0008/2010(G) dt.8-07-2011. Period: 3 years File No: NITC/DEAN(C&SR)/DST/MKRV/PHYSICS/2011</p> | <p>Dr.M.K.Ravi Varma, Assistant Professor, Department of Physics.</p> | 24,26,138/- | | |

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| 18 | DST Project “Development of Pro-fluorophore scaffolds to probe peptide aggregation and conformational transitions”(Sanctioned by DST) Sanction Order No: SR/FT/CS-80/2010©&SR/FT/CF-80/2010(G) Dated: 13/07/2011 Period: 3 Years File Name: NITC/DEAN(C&SR)DST/CL/CHEMISTRY/2011 | Dr.Lakshmi, Assistant Professor, Department of Chemistry | 20,70,000/- | | |
| 19 | DST Project “PUFA Therapy ameliorates cognitive impairment and Mitochondrial dysfunction in caenorhabditis elegans model of Parkinson Disease”(Sanctioned by DST) Sanction Order No: SR/CSI/PDF-07/2011, dated: 17/11/2011 Period:2 Years File No: NITC/DEAN(R&C)/DST/CSI/PDF/SK/2011 | Dr.Shashikumar (PI) Dr. Rajanikant(Guide) SOBT | 12,48,000/- | | |
| 20 | DRD Project “Productivity Monitoring and wage Analysis Tool for NREG Works in Kerala.(Sanctioned by Ministry of Rural Development) Sanction Order No:K-11014/2/2010-NGMRSGA(2), dt:7/3/2011 Period: 3 Years File No: NITC/DEAN(R&C)/DRD/VMP/MED/2011 | Dr. V.Madhusudhanan Pillai, Associate Professor, MED | 16,78,000/- | | |
| 2012-13 | | | | | |
| 21 | CSIR Project “Electron C Structure Studies of Adsorption of Unsaturated Hydrocarbons on Metal Catalysts” (Sanctioned by Council of Scientific and Industrial Research-CSIR) Sanction Order No: 01(2543)(11)/EMR.11-12, Dated 12.12.2011. Period: 3 Year File No: NITC/DEAN(R&C)/CSIR/EMR/RC/PHYSICS/2012 | Dr.Raghu Chathanathodi Assistant Professor Department of Physics | 10,91,000/- | | UC&As for 2012-13 sent on 23.09.13 |
| 22 | ICMR Project “Oleamide as Novel Neuro Protectant Against Stroke”(Sanctioned by Indian Council of Medical Research-ICMR) Sanction Order No: 58/15/2010-BMS- Dated:23/02/2012 File Name: NITC/DEAN(R&C)/ICMR/GKR/SOBT/2012 Period:3 Years | Dr.Rajanikant.G.K Assistant Professor School of Biotechnology | 10,26,536/- | | |
| 23 | KSCSTE Project “Development of Intelligent Robot for fault Diagnosis of Power lines”,(Sanctioned by KSCSTE) Sanction Order No: (P)213/2012/KSCSTE, dated 01/03/12 File Name; NITC/DEAN(R&C)/KSCSTE/ETP/SA/EED/2012 Period:3 Years | Dr.S.Ashok Professor EED | 11,00,000/- | | |

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| 24 | KSCSTE Project “Transcript Profiling of Differentially Expressed Gene(s) involved in the downstream steps leading to Artemisinin Biosynthesis on GA3 Induction”(Sanctioned by KSCSTE) Sanction Order No:292/2012/KSCSTE, dated 26.03.2012 File No: NITC/DEAN(R&C)/KSCSTE/IPB/RAN/SOBT/2012 Years Period : 3 | Dr.R.Aswati Nair Assistant Professor, School of Biotechnology | 16,00,000/- | | |
| 25 | KSCSTE Project “Experimental investigations for potential use of coir pith in making value added products”(Sanctioned by KSCSTE) Sanction Order No(P)154/2012/KSCSTE Dt: 14.02.12 Years File No: NITC/DEAN(R&C)/KSCSTE/SC/CED/2012 Period: 2 | Dr.S.Chandrakaran Professor CED | 3,79,000/- | | |
| 26 | DST Women Scientists Scheme Project “Novel triazole bridged metalloporphyrins formed via click chemistry: Comparative DNA binding and cleavage studies”(Sanctioned by DST) File NO: NITC/DEAN(C&SR)/DST/WSS/SSS/DCH/2012 | Dr.S.Sujatha PI, Department of Chemistry sujith@nitc.ac.in | 23,60,000/- | | |
| 27 | DST Fast Track Project “Novel functionalized Porphyrinic coordination Arrays, Polymers and Frameworks: Synthesis and properties”(Sanctioned by DST) Sanction Order No.SR/FT/CS-25/2011 dt.07.05.2012 File No: NITC/DEAN(R&C)/C.A.K/SR/FT/CS-25-2011(Period: 3 Yrs.) | Dr.C.Arun Kumar Assistant Professor Chemistry | 21,80,000/- | | |
| 28 | Fast Track Scheme for Young Scientist Project “Development of Composite Dielectric Materials for high energy storage (super-capacitor) applications”(Sanctioned by DST) Sanction Order No: SR/FTP/ETA/86/2010, Dt: 15.05.12 Period: 3 Years File Name: NITC/DEAN(R&C)/FTP/TKS/EED/2012 | Dr.T.K.Sindhu Assistant Professor EED | 20,90,000/- | | |
| 29 | DST Project “Tunable Hierarchical Zeolites using Polymer Macro templates for the chemical synthesis.(Sanctioned by DST) Sanction Order No:SR/SI/OC-04/2011, Dt: 15.05.2012 Period: 3 Years File No: NITC/DEAN(R&C)/DST/GU/DCH/2012 | Dr. G. Unnikrishnan Chemistry | 50,63,000/- | | |

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| 30 | <p>Research Project “A theoretical study on the enzymatic catalysis by methane mono-oxygenase: Designing of biomimetic catalysis for the conversion of methane to methanol” (Sanctioned by Science and Engineering Research Board-SERB) Sanction Order No: SR/FT/CS-42/2011, Dt: 06.06.2012 Period: 3 Years File No: NITC/DEAN(R&C)/SR/FT/CS-42/SDe/2012</p> | <p>Dr.Susmitha De Principal Investigator Chemistry</p> | 14,50,000/- | | |
| 31 | <p>DST Project “Design of Uranium Based Catalyst for Activation and Functionalization: A Computational Quantum Mechanical Study”(Sanctioned by DST) Sanction Order No: SERB/F/1788/2012-11, Dt: 27.06.2012 Period: 3 Years File No: NITC/DEAN (R&C)/SR/FT/CS-121/PP/CH/2012</p> | <p>Dr. P. Parameswaran Chemistry</p> | 25,50,000/- | | |
| 32 | <p>DST Project “Nonlinear Analysis of EEG signals of patients with Alzheimer’s disease’(Sanctioned by DST) Sanction Order No: SR/FTP/PTA-102/2010, Dt: 19.07.12 Period: 3 Years File No: NITC/DEAN(R&C)/DST/SDP/EED/2012</p> | <p>Ms. Subha D. Puthenkatil EED</p> | 17,95,000/- | | |
| 33 | <p>DBT Project “Design and in Vitro Evaluation of the Neuro Protective effects of HOF-Prolyl Hydroxylase Inhibitors against Ishemic Stroke” (Sanctioned by DBT) Sanction Order No: BT/PR13950/MED/30/305/2010/, Dt: 16.03.2012 Period: 3 Years File No: NITC/DEAN(R&C)/DBT/RGK/SBT/2012</p> | <p>Dr. Rajanikant G. K. SOBT</p> | 50,19,000/- | | |
| 34 | <p>KSCSTE Project “Low Density Polyethylene/nanochitosan biodegradable films for food packaging applications”(Sanctioned by KSCSTE) Sanction Order No: 45/C/2012/KSCSTE, Dt: 18.09.2012 Period: 2 Years File No: NITC/DEAN(R&C)/KSCSTE/SA/CHEMISTRY/2012</p> | <p>Dr. Sujith A Chemistry</p> | 11,60,000/- | | |
| 35 | <p>KSCSTE Project “Development of low cost polymer electrolyte from cis 1,4, polysoprene for energy storage applications” (Sanctioned by KSCSTE) Sanction Order No: 45/C3/2012/KSCSTE , Dt: 24.09.2012 Period: 2 Years File No: NITC/DEAN(R&C)/KSCSTE/PP/PHYSICS/2012</p> | <p>Dr. P. Pradeep Physics</p> | 15,70,000/- | | |

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| 36 | <p>CSIR Project “A genitics Approach towards Understanding the function of chaperonin CCT Complex using Yeast Saccharomyces as a Model System”(Sanctioned by CSIR) Sanction Order No: 37(1571)/12/EMR-II, Dt: 17.10.2012 Period: 3 Years File No: NITC/DEAN(R&C)/CSIR/AK/SOBT/2012</p> | Dr. M. D. Anaul Kabir SOBT | 12,00,000/- | | |
| 37 | <p>Project “Fast Track Scheme for Young Scientist-“Assessment of Effectiveness of NH-47 Bye Passe Road in Coimbatore in Congestion Relief and Level of Service Improvement in traffic flow on NH-47 in Coimbatore city using Microscopic Simulation Techniques” (Sanctioned by DST) Sanction Order No: SR/FTP/ETA-57/2011, Dt: 11.09.2012 Period: 3 Years File No: NITC/DEAN(R&C)/SERB/SR/FTP/ETA-57/2011</p> | Dr. K. Krishnamoorthy CED | 6,24,000/- | | |
| 38 | <p>DST Project “Biodegradability enhancement of Low density polyethylene by using bipolymer nano particles”(Sanctioned by DST) Sanction Order No: SR/FT/CS-172/2011, Dt: 04.12.2012 Period: 3 Years File No: NITC/DEAN(R&C)/SR/FT/CS-172/2011/2012</p> | Dr. Sujith A Chemistry | 25,20,000/- | | |
| 39 | <p>NRB-DRDO Project “Design and Development of a protocol stack for Under Water Acoustic Sensor Networks” (Sanctioned by DRDO) Sanction Order No: DNRD/05/4002/NRB, Dt: 22.03.2013 Period: 3 Years File No: NITC/DEAN(R&C)/DNRD/NRB/AVB/2013</p> | Dr. A. V. Babu Asso Professor ECED | 30,05,000/- | | 1st year UC sent on 14.8.13 |
| 40 | <p>DST Project “Antibiotics Removal from Waste Water using membrane Photocatalytic Slurry Reactor System reg-(Sanctioned by DST) Sanction Order No: SR/FTP/ETA/122-2011, Dt: 18.12.2012 Period: 3 Years File No: NITC/DEAN(R&C)/DST/SMK/2013</p> | Dr. S. Madhava Kumar Asst Professor CED | 21,80,000/- | | |
| 41 | <p>Project.”Investigation on bio-hydrogen production by Thermo-chemical method in fluidized bed gasifier under catalytic support and its Utilization”(Sanctioned by Ministry of New and Renewable Energy-MNRE) Sanction Order No: 103/181/2010-NIT, Dt: 20.02.2013 File No: NITC/DEAN(R&C)/MNRE/NTD/CM/MED/2013 Period-30 Months</p> | Dr. C. Muraleedharan P.I Professor- MED | 34,53,450/- | | |

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| 42 | <p>Project."Investigation on absorption of Fluoride from water using Nanomaterials"(Sanctioned by KSCSTE) Sanction Order No: 254/2013KSCSTE, Dt: 23.02.2013 Period-2 Year File No: NITC/DEAN(R&C)/KSCSTE/SGT/CED/2013</p> | <p>Dr. Santosh G Thampi - Asso Proffesor CED</p> | 14,64,000/- | | |
| 43 | <p>Development of a model framework for land use based Estimation and Prediction of solid waste Generation in small/medium scale towns in India(Sanctioned by Human Settlement Management Institute-HSMI) Sanction Order No: HSMI/R&D/2012-13 Dated: 05/04/2013 Period: 18 Months File Name: NITC/DEAN(R&C)/HSMI/HUDCO/R&D/PPA/ARC-2013</p> | <p>Dr.P. P. Anil Kumar Associate Professor Architecture</p> | 20,16,000 | | |
| 44 | <p>CSIR Projecr: titled 'Poly (3, 4ethylendioothiophene) / Poly(methyl methacrylate) core-shell nanospheres for the fabrication of transparent and conductive thin films'-reg (Sanctioned by Council of Scientific and Industrial Research-CSIR) Sanction Orer No: 02(0129)/13/EMR-11 Dated 12/04/2013 Period: 36 Months File Name: NITC/DEAN(R&C)/ERD/AS/CSIR/2013</p> | <p>Dr.Sujith A Assistant Professor Chemistry</p> | <p>7,64,000 2,00,000 2,00,000 ----- 11,64,000</p> | | |
| 45 | <p>Research Project "Development of bistable memory devices based on organic semiconductors"(Sanctioned by DST-SERB) Sanction Order No: SR/FTP/PS-132/2011, Dt: 23.05.2013 Period: 3 Years File No: NITC/DEAN(R&C)/SERB(DST)/VSR/PHYSICS/2013-14</p> | <p>Dr.Vari Sivaji Reddy Assistant Professor Physics</p> | 21,84,000 | | |
| 46 | <p>Research Project Fast Track Scheme for Young Scientist entitled "Experimental and Deterministic model studies in regeneration of microbial biosorbents after heavy metal desorption" (Sanctioned by DST-SERB) Sanction Order No: SERC/ET-0356/2012 DT. 4.3.13(SB/FTP/ETA-356/2012, Dt: 24.05.2013) Period: 3 Years File No: NITC/DEAN(R&C)/SERB/NS/CHED/2013-14</p> | <p>Dr. N.Selvaraju Assistant Professor Department of Chemical Engineering</p> | 8,82,000 | | |

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| 47 | <p>Centre for Transportation Research: "Release of grant to 16 Institutes under the new Plan of Establishment of 50 Centres of Excellence for Training and Research in Frontier Areas of Science & Technology for the Year 2013-14" (Sanctioned by Sanction Order No: 5-6/2013-TS-VII/TS VII, Dt: 08.05.2013 Period: 1 Year File No: NITC/DEAN(R&C)/MHRED/DHE/MVLR/CE/2013-14</p> | <p>Dr.M.V.L.R.Anjaneyulu, Professor CED</p> | 1,00,00,000 | | |
| 48 | <p>BRNS Project "Development of low cost elastomeric fullerene derivatives using electron and gamma irradiation for organic electronic application"(Sanctioned by BRNS) Sanction Order No: 2013/34/5/BRNS/0443, Dt: 15.05.2013 Period: 1 Year (2013-2014) File No: NITC/DEAN(R&C)/BRNS/PP/PHYSICS/2013-14</p> | <p>Dr.P.Pradeep Professor Physics</p> | 19,30,800 | | |
| 49 | <p>DST Project "Rational Design and Syntheses of Metalloporphyrin- Lanthanoid Hybrid Materials for Photophysical and DNA Binding/Cleavage Studies" (Sanctioned by DST) Sanction Order No.SB/EMEQ-016/2013, Dated 09-07-2013 Period: 4 Years File No: DEAN(R&C)/SERB/DST/CA/CHEMISTRY/2013</p> | <p>Dr.C. Arun Kumar Assistant Professor Chemistry</p> | 43,66,000 | | |
| 50 | <p>A Research Project entitled "Photo-switchable K⁺ Ion Channel Blockers: A computational Quantum Mechanical Investigation of the Blocking Action and Design of Efficient Channel Blockers" (Sanctioned by Ministry of Science and Technology) Sanction Order No. DST/INSPIRE Faculty Award/2012 dated 1.2.2013 Period: 5 Years File No: NITC/DEAN(R&C)/IFA/DST/S.De/2013</p> | <p>Dr.Susmitha De Principal Investigator Chemistry(INSPIRE FACULTY, CHEMISTRY)</p> | 35,00,000 | | |
| 51 | <p>KSCSTE Project "Comprehensive Computational Analysis of Anti-diabetic Phytotherapeutics of Indian Origin" (Sanctioned by KSCSTE) Sanction Order No. 14/Imnilico-KBC/2013/KSCSTE dated 21.08.2013 Period: Two Year File No. NITC/DEAN(R&C)/KSCSTE/RGK/SOBT/2013</p> | <p>Dr. RAJANIKANT G K Principal Investigator, Associate Professor, SOBT.</p> | 14,42,000/- | | |
| 52 | <p>DST Project: "Inhibition of mitochondrial Dynamin related protein-1 activity confers neuroprotection against ischemia"(Sanctioned by DST) Sanction Order No. BT/PR4660/MED/30/789/2012 dated..... Period: 3 Years File No. NITC/DEAN(R&C)/DST/RGK/SOBT/2013</p> | <p>Dr. RAJANIKANT G K Principal Investigator, Associate Professor, SOBT (Dr.Rathinasamy K, Co-PI)</p> | 35,14,000/- | | |

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| 53 | ESD Project "Design and Implementation of Secure Communication System for Reduced Complexity" (Ministry of Communication & Information Technology, Department of Electronics & Information Technology (E-Security Division) Sanction Order No. No.12(16)2012-ESD dated 06.08.2013. Period 2 years. File No. NITC/DEAN (R&C)/ESD/DPP/ECED/2013 | DR. DEEPTHI P P, Principal Investigator, Asst. Professor, ECED | 38,88,000/- | | |
| 54 | KSCSTE Project "Flexible Nanomaterial Doped Polymer Dispersed Liquie (Crystal (PDIC) Devices for Switchable window Applications". (Sanctioned by KSCSTE) Sanction Order No. 492/2013/KSCSTE dated 5.4.2013 Period: 3 Years. File No. NITC/DEAN (R&C)KSCSTE/NJ-NS/2013 | Smt. NIMMY JOHN V (Principal Investigator) & Dr. N. Sandhyarani, SNST (Mentor) | 15,96,000/- | | |
| 55 | DST(SERB) Project: Ruthenium(II), Osmium(II) and Gold(III) alkaloids: Active targets for DNA inercalation inercations". (Sanctioned by DST) Sanction Order No. SB/FT/CS-050/2012 dt. 12.09.2013 Period: 3 Years File No. NITC/DEAN(R&C)/DST/SERB/SV/CHEMISTRY/2013 | Dr. SUNI VASUDEVAN, Asst. Professor, Chemistry (Principal Investigator) | 26,00,000/- | | |
| 56 | SERB(DST) Project: "Transparent, flexible and conducting electrodes based on graphene-nanometal hybrids"(Sanctioned by DST) Sanction Order No.SR/FTP/PS-128/2012 dated 17.09.2013 Period: 3 Years File No. NITC/DEAN(R&C)/DST/SERB/AAA/PHY/2013 | Dr. AJITH A. ANAPPARA, Asst. Prof., Physics (PI) | 11,10,000/- | | |
| 57 | SERB(DST) Project: "High energy density photochemical fuels based on nanomaterial hybrids" (Sanctioned by DST) Sanction Order No.SR/NM/NS-1069/2012(G) dated 07.08.2013 & 18.09.2013 Period: 3 Years File No. NITC/DEAN(R&C)/DST/AAA/PHY/2013 | Dr. AJITH A. ANAPPARA, Asst. Prof., Physics (PI) | 44,25,000/- | | |

*List of files/sheet-2
