

NATIONAL INSTITUTE OF TECHNOLOGY CALICUT

Office of the DEAN (R&C)

LIST OF PROJECTS

File No.	Project Name/Sanction Order No./Period	Name and Designation of Coordinator
2005 to 2008		
1	<p>Special Manpower Development Program for VLSI Design and related Software (Sanctioned by Ministry of Information Technology, Kerala Government) Sanction Order No. (SMDPII) (SMDP) No.21(1)2005VCND dated 07.12.2005 File Name: NITC/DEAN(C&SR)/SMDP-II/ECED/EE/2005 Period : 5 Years (A/C No. 30014776462)</p>	Dr. Elizabeth Elias, ECED
1(a)	<p>Special Manpower Development Program for VLSI Design and related Software Sanction Order No. (SMDPII) (SMDP) No.21(1)2005VCND dated 07.12.2005 File Name: NITC/DEAN(C&SR)/SMDP-II/ECED/EE/2005 Period : 5 Years (A/C No. 30014776462)</p>	Dr. Elizabeth Elias, ECED
2	<p>Standardisation of engineering properties and providing technical data for the Technomarketing of Coir Geotextiles. (Sanctioned by Centre for Development of Coir Technology, C-DOCT) DOCT,C-DOCT/GTC/1131/2006, Dated 03.01.2006 Sanction Order No. 30034861796 Period: 2 years (A/C No. 30034861796) File Name: NITC/DEAN(C&SR)/SC/CED/06</p>	Dr. Chandrakaran CED
3	<p>Development of attaced media based system for the treatment of domestic and low volume organic rich waste waters using coir geotextiles (Sanctioned by: Kerala State Council for Science, Technology & Environment). Sanction Order No. KSCSTE007/E&E/2007/CSTE, Dated 17.03.2007 Period: 2 years (A/C No. 30164455936) File Name: NITC/DEAN(C&SR)/KSCSTE/SGT/CED/2007</p>	Dr. Santhosh G. Tampi CED

4	<p>KSCSTE Project: Experimental Investigation on use of scrap tyre shreds in place of mineral particles in cement concrete" (Sanctioned by KSCSTE) Sanction Order No. KSCSTE(T) 463/SRS/2007/CSTE, Dated 16.03.2007 Period: 3 Years (A/C No.30157073056) File Name: NITC/DEAN(C&SR)/KSCSTE/APS/CED/2007</p>	Dr. A. P. Shashikala
5	<p>UGC Project "Porosity studies on sand cast alloys using vibration during solidification" (Sanctioned by UGC) Sanction Order No: 32-86/2006(SR), Dated 09.03.2007 Period: 3 Years (A/C.No.30244427204) File Name: NIT/DEAN(C&SR)/UGC(P)/MAJ/MED/2007</p>	Dr. M. A. Joseph, MED
6	<p>DST Project " Linear and non-linear optical properties of nano size metal colloids in polymers" (Sanctioned by DST) Sanction Order No: DST SR/S2/LOP-10/2006, Dated 01.05.2007 Period: 3Years (A/C No.30216829032) File Name: NITC/DEAN(C&SR)/DST/KC/DCH/2007</p>	Dr.K. Chandrashekharan DSH, Physics
7	<p>Isotopic Investigation of Kozhikode urban areas with special reference to surface and ground water Hydrology. (Sanctioned by DST) Sanction Order No: DST NoSr/S3/ENGF-01/2002SERC-Engg. Dt.31.05.2004 Period: 5 Years (A/C No. 10401160715) File Name: NITC/DEAN(C&SR)/DST/CWRDM/KS/CED/07</p>	K. Saseendran CED
8	<p>BRNS Project "An Experimental Investigaton of Convective Heat Transfer in Water Based Nanofluids" (Sanctioned by BRNS) Sanction Order No : BRNS 2007/36/26-BRNS/1147 Dated : 23-08-2007 Period 2 Years (A/C No.30253153885) File Name : NITC/DEAN (C&SR)/BRNS/CBS/2007</p>	Dr.C.B.Sobhan SNST
9	<p>DST Project "Transparent Conducting Polymer Composite Films for Electrode Application in Opto-electronic & Photonics Devices" (Sanctioned by DST) Sanction Order No : SR/S2/CMP/48/2006 dated 2.1.2008 Period : 3 Years (A/C No. 30347104843) File Name : NITC/DEAN(C&SR)/DST/PP/DSH/08</p>	Dr.P.Pradeep, Physics

15	<p>UK INDIA E&R Initiative-Leads University.(Sanctioned by UK India-Education &Research Initiative) Sanction Order No: C&R/ GU/DSH/08 Dt.01-11-2007 File Name: NITC/DEAN (C&SR)/RA2007/UKINDIA E&R/GU/DSH/08 Period: 4 years. (A/C No.30428621431)</p>	Dr. Unnikrishnan G Chemistry
16	<p>KSCSTE Project: "Studies on ground water pollution by heavy metal discharge to soil and its Remediation Technologies". (Sanctioned by KSCSTE) Sanction Order No: (T) 389/ETP/2008/KSCSTE. Dt.28.03.2008. Period: 2 years (A/C No.30374952972) File Name: NITC/DEAN (C&SR)/KSCSTE/SC/CED/08</p>	Dr. S. Chandrakaran CED
17	<p>UGC-DAE Project titled "Highly conducting transparent polymer film for optoelectronic and photonic application by laser ablation technique" (UGC-DAE) Sanction Order No: CSR/ACCTTS/2007-08/561. Dt.20.08.2007 File Name: NITC/DEAN (C&SR)/UGC-DAE/PP/DSH/07 Period : (A/C No.30253154142)</p>	Dr. P. Pradeep Physics
18	<p>DST Project enhancement of the sensitivity of peptide nanotube based biosensors using gold nanoparticle. (DST) Sanction Order No: SR/FTP/CS-28/2006. Dt.15.02.07 Period: 3 years (A/C No.30428104525) File Name: NITC/DEAN(C&SR)/DST/NS/SNST/08</p>	Dr. N. Sandhyarani SNST
19	<p>Grant-in-aid for the Project titled "Information Security Education and awareness project (Sanctioned by Information Security Education and Awareness Project - ISEA Project)". Sanction Order No: 6 (2)/2004-ISEA (VO.III). Dt.26.05.2008. Period: 2 years (A/C No.30047209483) File Name: NITC/DEAN (C&SR)/A1/2611/ISEA Project/2006-2007</p>	Dr. Vineeth Paleri CSED
20	<p>DST Project "Development of an Interoperable Spatial Database of Road Network for Calicut District. (Sanctioned by DST) Sanction Order NO: NRDMS/11/13701/07. DT.24.09.2008. Period: 2 years (A/C No. 30458848311) File Name: NITC/DEAN (C&SR)/DST/MVLRA/CED/06</p>	Dr. MVLR Anjaneyulu CED

21	AICTE National co-ordinated Project “Development of Tools and Techniques for Modifying and Analysis of World Class Manufacturing System”. (Sanctioned by All India Council for Technical Education-AICTE) Sanction Order No: F.No.8024/RID/BOIII/NCP (9)2007-08. Dt.26.03.2008 File Name: NITC/DEAN (C&SR)/AICTE/NCP/RS/MED/2008 Period: 3 Months (A/C.No. 30506640444)	Dr. R.Sreedharan MED
22	DBT Project entitled “Multifunctional plasmonic nanoparticles and nanocomposites for targeted drug delivery: synthesis, evaluation and toxicological studies” (Sanctioned by Department of BioTechnology-DBT) Sanction Order No: Order .BT/PR10820/NNT/28/109/2008. Dt.24.09.2008 File Name: NITC/DEAN (C&SR)/DBT/NS/SNST/08 Period: 3 Years (A/C.No.30572255397)	Dr.N.Sandhyarani, SNST
23	“Consultancy Work for the construction of Multipurpose Building for University of Calicut” (Sanctioned by University of Calicut) Sanction Order No: 07/ARC/A/11/CONS/PDF/O7-08 dt.26/9/08 File No: NITC/DEAN(C&SR)/UC/MPS/MOU/ARC/2008	Dr.Anilkumar, ARC
Total amount for 2005-08		
2009-10		
24	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 (A/C No. 30660026003)	Dr.S.Ashok, EED ashoks@nitc.ac.in
25	CONSULTANCY Project “Renovation of Miskal Mosque & Tali Temple at Kozhikode”(Sanctioned by Oil and Natural Gas coperate Ltd-ONGC). Sanction Order No: N3/19397/08 Dated 27/01/09 File Name: NITC/DEAN(C&SR)/CONS/MM&TT/AKK/ARC/09	Dr.A.K.Kasthurba, ARC kasthurba@nitc.ac.in

26	<p>DST Fast Track Project “Development of Chitosen Reinforced Polymer nanocomposites”. (Sanctioned by DST) Sanction Order No: SR/FT/CS-024/08 Dt 27/01/09 Period: 3Years (A/C No. 30751833900) File Name: NITC/DEAN(C&SR)/DST/DCH/TF/09 Project shifted to St.Joseph's College, Devagiri)</p>	<p>Dr.Tania Francis DSH</p>
27	<p>DST Fast track Project entitled “Treatment of Effluent Using Biomembrane Techniques”(Sanctioned by DST) Sanction Order No: SR/FTP/CS-68/2007 Dt.18.09.2008 Duration – 3 years (A/C.No.30747256440) File. No. NITC/DEAN(C&SR)/DST/FTP/SB/CHE/2009.</p>	<p>Dr.S.Bhuvaneshwary, Dept. of Chemical Engg. sbuvana@nitc.ac.in</p>
28	<p>KSCSTE SRS Project entitled “Mesophase Formation and Characterization of Organised Assemblies” (Sanctioned by KSCSTE) Sanction Order No. (T)/024/SRS/2009/CSTE. Dt.02.05.2009. Duration-2 years (A/C No.30808033649) File Name: NITC/DEAN (C&SR)/KSCSTE/SRS/DCH/LS/2009</p>	<p>Dr.Lisa Sreejith, Dept. of Chemistry lisa@nitc.ac.in</p>
29	<p>National Board for Higher Mathematics Project “Clustering using Fuzzy Graphics” (Sanctioned by National Board of Higher Mathematics). Sanction Order No. 2/48(3)/2009-R&D71/427 Dt.11.06.09 Period: 3Years (A/C No.30817068447) File Name: NITC/DEAN (C&SR)/NBHM/MSS/DM/09</p>	<p>Dr.M.S.Sunitha, Dept.of Mathematics sunitha@nitc.ac.in</p>
30	<p>CONSULTANCY Project “Implementation of Total Habitat Development Programme of the Three Oorus in Attapady. (Sanctioned by Attappadi Hills Area Development Society- AHADS Sanction Order No: 1187/2008/Civil/ Dated 09/03/09 File. No .NITC/DEAN(C&SR) /AHADS/THDP/PPA/ARC/09 Period: 9 Months (A/C No.30834401604)</p>	<p>Dr.P.P.Anilkumar, Dept. of ARC ppa@nitc.ac.in</p>
31	<p>KSCSTE Project “Simplified Models for Torsional Mode Prediction of Tall Buildings Under Earthquake” (Sanctioned by KSCSTE) Sanction Order NO: (T)218/ETP/2009/KSCSTE Dt: 29/10/09 Period: 3 Years (A/C.No. 30960813635) F.No.NITC/DEAN(C&SR)KSCSTE/TPS/CED/2009</p>	<p>Dr.T.P.Somasundaran, CED soman@nitc.ac.in</p>

32	BRNS Project "Synthesis and Grafting of Thermoresponsive Hydrogels on Nano porous Polymer Membranes by Electron Beam Irradiation for Implantable Drug Delivery Systems" (Sanctioned by BRNS) Sanction Order No: 2009/34/16/BRMS/1418 Dt: 21-08-09 F.No.NITC/DEAN(C&SR)/BRNS/AS/DCH/2009. Period: 3 years (A/C No.30908477650)	Dr.A.Sujith, Dept. of Chemistry sujith@nitc.ac.in
33	ARDB Project "Design Development and Optimization of Miniature and Micro Heat Pipes for Thermal Management of Avionic Devices" (Sanctioned by Aeronautics R&D Board-ARDB) Sanction Order No.DARO/08/1071475/M/I. Dt.26.11.2008. Period: (A/C No. 30932906557) F.No.NITC/DEAN(C&SR)/ARDB/CBS/09	Dr.C.B.Sobhan, SNST csobhan@nitc.ac.in
34	DST Fast Track Project "Development of an Extractive Fermentation Process for Enhanced Alkaline Phosphates Production by Recombinant Bacillus Licheniformis in Aqueous Two Phase System"(Sanctioned by DST) Sanction Order NO:SR/FT/LS-097/2008. Dt.17.08.2009 Period: 3 Year A/c.No. 30948537262 File No: NITC/DEAN (C&SR)/DST/FTS/AS/SOBT/09	Dr.A.Santhiagu, SOBT asanthiagu@nitc.ac.in
35	UGC Project "Temperature Dependent Optical Switch from Organized assemblies" (Sanctioned by UGC-DAE) Sanction Order No.:No.CRS-K.05/881. Dt.16.10.2009 File No: NITC/DEAN (C&SR)/UGC-DAE/LS/DCH/2009 Period: 1-3Years (A/C No. 30948538288)	Dr.Lisa Sreejith, Dept.of Chemistry lisa@nitc.ac.in
Total amount for 2009-10		
2010-11		
36	HPCL Project "Investigation on fuels catalytic nano particles additives'(Hindustan Petroleum Corporation Ltd-HPCL) Sanction Order No: Letter from HPCL Period: 3 Years(A/C.No. 31130641093) File Name: NITC/DEAN (C&SR)/HPCL/VS&CBS/SNST/2010	Dr.C.B.Sobhan, Sajith.V SNST csobhan@nitc.ac.in

37	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 (A/C No. 31091558694) File No: NITC/DEAN (C&SR)/DBT/RAN/SOBT/2010	Dr.R.Aswati Nair, SOBT aswati@nitc.ac.in
38	DST Project “Regulation of L-sorbose Utilization in Human Fungal Pathogen Candida Albicans”(Sanctioned by DST) Sanction Order No.SR/SO/BB-038/2009 Period: 3 years (A/C No. 31152397739) File Name: NITC/DEAN(C&SR)/PSL/CONSULTANCY/SNST/2010	Dr.Md.Anaul Kabir, SOBT anaulk@nitc.ac.in
39	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 shijo@nitc.ac.in
40	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. (A/C No. 31415546302)	Dr.R.Aswathi Nair, SOBT aswati@nitc.ac.in
41	Patents (Patent office, Intellectual property office) File No: NITC/DEAN (C&SR)/PATENTS/PP/PHYSICS/2010	Dr.P.Pradeep Physicspredeep@nitc.ac.in
42	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. (A/C No. 31539428116)	Dr.Sarith.P.Sathian, SNST (Dr.V.Sajith, AP was authorised for working arrangement for the smooth completion of the project in the absence of Dr.Sarith P Sathian)

43	<p>Collaboration Project with Centre of Excellence in Urban Transport at IIT Madras “Development of Activity Based Models for Forecasting of Travel Demand”. (Sanctioned by COEIUT) Sanction Order No-11025/30/2008- UCD Dt.28.07.2010 FileNo .NITC/DEAN(C&SR)/COEIUT/IITM/MOUD/MVLRA/CED/2010-1 Period: 2 Years (A/C No.31587877641)</p>	<p>Dr.M.V.L.R.Anjaneyulu, CED mvlr@nitc.ac.in</p>
44	<p>Collaboration Project with Centre of excellence in Urban Transport at IIT Madras “Development of a Tool Box for Evaluation and Identification of Urban Road Safety Improvement Measures(Sanctioned by Centre of Excellence in Urban Transport- COEIUT) F.No.NITC/DEAN(C&SR)/COEUT/IITM/MOUD/MVLRA/CED/2010- Sanction Order No: N-11025/30/2008-UCD Period: 2 Years(A/C No. 31587876874)</p>	<p>Dr.M.V.L.R.Anjaneyulu CED mvlr@nitc.ac.in</p>
45	<p>DBT Project entitled “Characterizing the Interactions of Chlorpromazine with the Mitotic Kinases 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</p>	<p>Dr.Rathinasamy.K SOBT rathin@nitc.ac.in</p>
46	<p>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 (A/C No. 31673486797) F.No.NITC/DEAN(C&SR)/DRDO/DERIPR/EPC/EED/2010</p>	<p>Dr.Elizabeth.P.Cheryan EED epc@nitc.ac.in</p>
47	<p>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 (A/C No. 31735766377) File: No. NITC/DEAN(C&SR)/DBT/KR/SOBT/2011</p>	<p>Dr.K.Rathinasamy SOBT rathin@nitc.ac.in</p>

48	<p>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 (A/C.No. 31762778358) F.No.NITC/DEAN(C&SR)/DRDO/DER&IPR/BTR/MED/2011</p>	<p>Dr.Biju.T.Kuzhiveli MED btkuzhiveli@nitc.ac.in</p>
Total for 2010-11		
2011-12		
49	<p>Coir Board Project “Use of Coir Pith for Airport Soft Ground Arrester System” (Sanctioned by Central Coir Research Institute) Sanction Order No:CCR1/RES/CP-NITC/2011/3797 dt 31/03/2011 Period: 3 years (A/C No. 31789868139) 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>
50	<p>Coir Board Project “Study of Long Term Performance of Pavement Reinforced with Coir Geotextiles” (Sanctioned by Central Coir Research Institute) Period:3 years (A/C No. 31789866710) F.No.NITC/DEAN(C&SR)/CB/MSME/SLTPPRCG/MVLRA/CED/2011.</p>	<p>Dr.M.V.L.R.Anjaneyulu CED mvlr@nitc.ac.in</p>
51	<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 A/c.No. 31735764063 File No. NITC/DEAN(C&SR)/DBT/FGK/SOBT/2011</p>	<p>Dr.Rajanikant.G.K, Asst. Professor, Biotechnology rajanikant@nitc.ac.in</p>
52	<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 A/c.No. 31735759406 File No: NITC/DEAN(C&SR)/DBT/BIF-BTBI/RGK/SOBT/2011</p>	<p>Dr.Rajanikant.G.K, Asst. Professor, Biotechnology rajanikant@nitc.ac.in</p>

53	<p>KSCSTC Project “Development of Risk Management Tool in Green Construction Sites”(Sanctioned by KSCSTE) Sanction Order No. (T) 318/ETP/2010/KSCSTE dt.11.01.2011. Period: 3 years (A/C. No.31789869063) File No: NITC/DEAN(C&SR)/KSCSTE/AC/CED/2011</p>	<p>Dr.Arun.C, Asst.Professor, Department of Civil Engineering arun@nitc.ac.in</p>
54	<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 (A/C.No.31806184719) File No: NITC/DEAN(C&SR)/KSCSTE/PN/CED/2011</p>	<p>Dr.Praveen Nagarajan, Asst.Professor CED praveen@nitc.ac.in</p>
55	<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 (A/C.No. 31915181691) File No: NITC/DEAN(C&SR)/DST/MKRV/PHYSICS/2011</p>	<p>Dr.M.K.Ravi Varma, Assistant Professor, Department of Physics. r.varma@nitc.ac.in</p>
56	<p>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(A/C.No. 31915181067) File Name: NITC/DEAN(C&SR)/DST/CL/CHEMISTRY/2011</p>	<p>Dr.Lakshmi, Assistant Professor, Deperatment of Chemistry lakshmic@nitc.ac.in</p>
57	<p>MHRD Project “Production Management System” (Sanctioned by Ministry of Human Research Development-MHRD) Sanction Order No: F.16-145/2009/PL Dated11/02/2010 Period: 1 Year (A/C No. 32015957716) File No: NITC/DEAN(R&C)/MHRD/TRR/MED/2011</p>	<p>Dr.T.Radha Ramanan MED radharamanan@nitc.ac.in</p>

58	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 (A/c.No. 32085790207)	Dr.Shashikumar (PI) Dr. Rajanikant(Guide) SOBT
59	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 (A/C No. 32101535934) File No: NITC/DEAN(R&C)/DRD/VMP/MED/2011	Dr.V.Madhusudhanan Pillai, Associate Professor, MED vmp@nitc.ac.in
Total for 2011-12		
2012-13		
60	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 A/C No. 32181724122 File No: NITC/DEAN(R&C)/CSIR/EMR/RC/PHYSICS/2012	Dr.Raghu Chatanathodi Assistant Professor Department of Physics
61	ICMR Project "Oleamide as Novel Neuro Protectant Against Ischemic 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 (A/c.No. 32246641696)	Dr.Rajanikant.G.K Assistant Professor School of Biotechnology
62	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 A/C No.32276182737	Dr.S.Ashok Professor EED

69	<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 A/C No. 32459780819 File No: NITC/DEAN(R&C)/SR/FT/CS-42/SDe/2012</p>	<p>Dr.Susmitha De Principal Investigator Chemistry Dr. Parameswaran - Coordinator</p>
70	<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 (A/c.No. 32522570991) File No: NITC/DEAN (R&C)/SR/FT/CS-121/PP/CH/2012</p>	<p>Dr. P. Parameswaran Chemistry</p>
71	<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 (A/c.No. 32563027683) File No: NITC/DEAN(R&C)/DST/SDP/EED/2012</p>	<p>Ms. Subha D. Puthenkantil EED</p>
72	<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 A/C No. 32579164962 File No: NITC/DEAN(R&C)/DBT/RGK/SBT/2012</p>	<p>Dr. Rajanikant G. K. SOBT</p>
73	<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 A/C No. 32624434091 File No: NITC/DEAN(R&C)/KSCSTE/SA/CHEMISTRY/2012</p>	<p>Dr. Sujith A Chemistry</p>

74	<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 A/C No. 32624434319 File No: NITC/DEAN(R&C)/KSCSTE/PP/PHYSICS/2012</p>	<p>Dr. P. Predeep Physics</p>
75	<p>CSIR Project “A genetics 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 (A/c.No.32671991931) File No: NITC/DEAN(R&C)/CSIR/AK/SOBT/2012</p>	<p>Dr. M. D. Anaul Kabir SOBT</p>
76	<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 A/C No. 32785878304 File No: NITC/DEAN(R&C)/SERB/SR/FTP/ETA-57/2011</p>	<p>Dr. K. Krishnamoorthy CED</p>
77	<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 A/C No. 32785641568 File No: NITC/DEAN(R&C)/SR/FT/CS-172/2011/2012</p>	<p>Dr. Sujith A Chemistry</p>
78	<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 A/C No. 32817071488 File No: NITC/DEAN(R&C)/DNRD/NRB/AVB/2013</p>	<p>Dr. A. V. Babu ECED Asso Professor</p>

79	<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 A/C No. 32797599031 File No: NITC/DEAN(R&C)/DST/SMK/2013</p>	<p>Dr. S. Madhava Kumar Asst Professor CED (Dr.George K.Varghese, AP,CED incharge in the absence of Dr. SMK)</p>
80	<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 A/C No. 32954434797</p>	<p>Dr. C. Muraleedharan P.I Professor- MED</p>
Total for 2012-13		
2013-14		
81	<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 (A/c.No. 32920483063) File No: NITC/DEAN(R&C)/KSCSTE/SGT/CED/2013</p>	<p>Dr. Santosh G Thampi - Asso Proffesor CED</p>
82	<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 A/C No. 33015477472 File Name: NITC/DEAN(R&C)/HSMI/HUDCO/R&D/PPA/ARC-2013 Period: 18 Months</p>	<p>Dr.P. P. Anil Kumar Associate Professor Architecture</p>
83	<p>CSIR Projecr: titled 'Poly (3, 4ethylendioxthiophene) / 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 A/C No. 33049806044 File Name: NITC/DEAN(R&C)/ERD/AS/CSIR/2013</p>	<p>Dr.Sujith A Assistant Professor Chemistry</p>

84	<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 (A/c.No.33077197833) File No: NITC/DEAN(R&C)/SERB(DST)/VSR/PHYSICS/2013-14</p>	<p>Dr.Vari Sivaji Reddy Assistant Professor Physics</p>
85	<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 A/C No. 33175086199 File No: NITC/DEAN(R&C)/SERB/NS/CHED/2013-14</p>	<p>Dr. N.Selvaraju Assistant Professor Department of Chemical Engineering</p>
86	<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 (A/c.No.33067690208) File No: NITC/DEAN(R&C)/MHRD/DHE/MVLRA/CED/2013-14</p>	<p>Dr.M.V.L.R.Anjaneyulu, Professor CED</p>
87	<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) (A/c.No. 33175087386) File No: NITC/DEAN(R&C)/BRNS/PP/PHYSICS/2013-14</p>	<p>Dr.P.Predeep Professor Physics</p>
88	<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 (A/C.No. 33190628157) File No: DEAN(R&C)/SERB/DST/CA/CHEMISTRY/2013</p>	<p>Dr.C. Arun Kumar Assistant Professor Chemistry</p>

89	<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 (A/c.No.33187581587) File No: NITC/DEAN(R&C)/IFA/DST/S.De/2013</p>	<p>Dr.Susmitha De Principal Investigator Chemistry(INSPIRE FACULTY, CHEMISTRY)</p>
90	<p>KSCSTE Project "Comprehensive Computational Analysis of Anti-diabetic Phytotherapeutics of Indian Origin" (Sanctioned by KSCSTE) Sanction Order No. 14/Insilico-KBC/2013/KSCSTE dated 21.08.2013 Period: Two Year (A/C.No.33301926004) File No. NITC/DEAN(R&C)/KSCSTE/RGK/SOBT/2013</p>	<p>Dr. RAJANIKANT G K Principal Investigator, Associate Professor, SOBT.</p>
91	<p>DST Project: "Inhibition of mitochondrial Dynamin related protein-1 activity confers neuroprotection against ischemia"(Sanctioned by DBT) Sanction Order No. BT/PR4660/MED/30/789/2012 dated..... Period: 3 Years (A/c.No.33301927326) File No. NITC/DEAN(R&C)/DBT/RGK/SOBT/2013</p>	<p>Dr. RAJANIKANT G K Principal Investigator, Associate Professor, SOBT (Dr.Rathinasamy K, Co-PI)</p>
92	<p>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. (A/c.No.33301926627) File No. NITC/DEAN (R&C)/ESD/DPP/ECED/2013</p>	<p>DR. DEEPTHI P P, Principal Investigator, Asst. Professor, ECED</p>
93	<p>KSCSTE Project "Flexible Nanomaterial Doped Polymer Dispersed Lique (Crystal (PDIC) Devices for Switchable window Applications". Sanction Order No. 492/2013/KSCSTE dated 5.4.2013 Period: 3 Years. (A/c.No.33368730296) File No. NITC/DEAN (R&C)KSCSTE/NJ-NS/2013</p>	<p>Smt. NIMMY JOHN V (Principal Investigator) & Dr. N. Sandhyarani, SNST (Mentor)</p>
94	<p>DST(SERB) Project: Ruthenium(II), Osmium(II) and Gold(III) alkaloids: Active targets for DNA ineercalation ineractions". Sanction Order No. SB/FT/CS-050/2012 dt. 12.09.2013 Period: 3 Years (A/c.No. 33368719830) File No. NITC/DEAN(R&C)/DST/SERB/SV/CHEMISTRY/2013</p>	<p>Dr. SUNI VASUDEVAN, Asst. Professor, Chemistry (Principal Investigator)</p>

95	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 (A/c.No. 33368722037) File No. NITC/DEAN(R&C)/DST/SERB/AAA/PHY/2013	Dr. AJI A. ANAPPARA, Asst. Prof., Physics (PI)
96	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. (A/c.No.33368731461)	Dr. AJI A. ANAPPARA, Asst. Prof., Physics (PI)
97	CSIR (ERD) Project: "Ultrasensitive, Rapid and Low Cost Detection of Cancer Biomarkers" (Sanctioned by CSIR). 01(2762)/EMR-II dated 28.10.2013 Sanction Order No. Period: 2 Years (from the date of commencement) (A/C.No.33627227608) NITC/DEAN (R&C)/CSIR/ERD/NS/SNST/2013-14. File No.	Dr. N. SANDHYARANI, Associate Professor, SNST (PI)
		TOTAL AMOUNT
2014-15		
98	KSCSTE Project : "Development and analysis of model for green operations in supply chain management" (GSCM). 1512/2014/KSCSTE dated 25.03.2014. Sanction Order No. Period: 2 Years. File No. NITC/DEAN (R&C)/KSCSTE/VMP/MED/2014 (A/c.No. 33807577465)	Dr. V. MADHUSOODANAN PILLAI, ASSOC. PROFESOR, MED
99	SERB (DST) R/P: "Investigation of optical nonlinearity by defect state in one dimensional photonic crystals" . No.SR/S2/LOP-0038/2012 dated 24.04.2014. Sanction Order Period: 3 Years (S.B. A/c.No. 33869260955) NITC/DEAN (R&C)/SERB(DST)/CSK/PHYSICS/2014 File No.	Dr. K. CHANDRASEKHARAN , Professor, Physics
100	KSCSTE R/P: "Development of organic solar cells based on transitio metal oxide anode buffer layers". Sanction Order: Council(P) No. 149 / 2014/KSCSTE dated 19.06.2014. Period: 3 years Bank A/c.No. 34059815913 File No. NITC/DEAN (R&C)/KSCSTE/VSR/PHY/2014	Dr. VARI SIVAJI REDDY, Assistant Professor, Department of Physics

101	<p>DST Project" charaterizing th einteractions of chlorpromazine with the mitotic kinesin Eg5 an dTublin: Implicat9ons in Cancer chemotherapy" Order No:F.No:SR/SO/BB-0013/2010 DATED 17.02.2014&23.06.2014 period; 3 years A/c No:34024537434 File No: NITC/DEAN (R&C)/DST-SERB/KR/SOBT/2014</p>	<p>Dr.Rathinasamy.K SOBT rathin@nitc.ac.in</p>
102	<p>SERB/DST Project "Desingand Fabrication of anechoic test facility and characterization of acoustic emmissions from airfoils in flow field". Sanction Order: SB/FTP/ETA-0137/2013 dated 4th June, 2014 Period: 3 years Bank A/c.No. 34055770847 File No. NITC/DEAN(R&C)/SERB/DST/TJS/MED/2014</p>	<p>Dr. T. J. Sarvothama Jothi Assistant Professor MED</p>
103	<p>KSCSTE Project "Enhancement of third order optical nonlisenarity in photonic crystal cavituy for optical switching " Sanction Order:186/2014/KSCSTE dated 03.07.2014 Period : 3 Years Bank A/c No: 34129367406 File No: NITC/DEAN (R&C)/KSCSTE/SRSPS/KC/2014.</p>	<p>Dr. Chandrasekharan . K, Professor, Physics</p>
104	<p>KSCSTE Project: "Investigation over the Experimental and Mathematical Modelling of Novel Plant Based Biosorbents for the Sequestration of Hexavalent Chorimum" . Sanction Order No. Council Order (P)No.847/2015/KSCSTE dt. 12.01.2015. Period: 2 Years Bank A/c. No. 34781526032 File No. NITC/DEAN (R&C)/KSCSTE/ETP/NS/CHEMIENG/2015</p>	<p>Dr.N.Selvaraju Asst. Professor Chemical Engineering</p>
105	<p>CDAC Short Term Course on "Power Electronics for Grid Connected Renewable Energy Systems" under NaMPET Phase-II Sanction Order No. 25(8)/2014-ESDA dated 15.1.2015 & Letter No. NaMPET-Ph-II/SC-09/NITC dated 3.2.2015 Period: Bank A/c. No.34743361812 File No. NITC/DEAN (R&C)/CDAC/NaMPET/Phase-II/As/EED/2015</p>	<p>Dr. Ashok S, Professor, EED (chief Investigator)</p>

106	<p>KSCSTE - TDAP Project "Development of a Hybrid Electrochemical Discharge Machine and its Performance Analysis" Sanction Order No. Council Order (P) No. 935/2015/KSCSTE dated 13.02.2015 Period: 1 Year Bank A/c. No. 34861134465 File No. NITC/DEAN (R&C)/KSCSTE/TDAP/LVG-RM/MED/2015</p>	<p>Shri. Ladeesh V G Research Scholar, MED (Pi). Dr. R. MANU, Assoc. Professor, MED Project Co-ordinator</p>
107	<p>KSCSTE ETP Project: Production of Bio diesel from Chlorella Vulgaris (Micro Algae), Salvinia Molesta (Fresh Water Weed) and Investigation on its use in single Cylinder diesel engine" Sanction Order No. 1237/2015/KSCSTE dated 31.03.2015 Period: 3 Years Bank Account No. 34922458279 File No. NITC/DEAN (R&C)/KSCSTE/ETP/AS/MED/2015-16</p>	<p>Dr. A. SHAIJA, Associate Professor, MED</p>
	TOTAL	

2015-16

108	<p>Department of Information Technology: MIT, GOI: SMDP CSSD (DeitY) Scheme: Special Manpower Development Chip to System Design (SNMDP-C2SD) - Sanction Order No. Period: Bank A/c. No. 34984625589 File No. NITC/DEAN (R&C)/SMDP-C2SD/DeitY/2015</p>	<p>Dr. Dhanraj K J (PI)</p>
109	<p>Financial Support under the Scheme Setting up of Design Innovation Centre with funding from MHRD through CPDM IISc., Bangaluru. (Order No e.mail Period : 3 Years Bank Account No. 35108714120 File No. NITC/DEAN (R&C)/DIC/IISc/2015</p>	<p>Dr. P.K. RAJENDRAKUMAR, Prof., MED</p>
110	<p>CDAC R&D Project "Security Assessment of Microgrids in isolated and in grid connected mode" (DietY, GOI under NaMPET). Sanction Order No: 1) Ph-II/SP21/Ex09 dated 22.5.2015 from CDAC & 2) No. 25(2)2015-ESDA dt. 4.6.2015 from DietY, GOI. Period: 15 Months: . S.B. Account No: 35105587080</p>	<p>Dr. S. ASHOK , Professor EED (Chief Investigator)</p>
111	<p>Execution of the Project under "Visvesvaraya Ph.D. Scheme for Electronics and IT" at NIT CALICUT. Period: 5 Years File No. NITC/DEAN(R&C)/VISVESVARAYA Ph.D SCHEME/2015 Account No: 35582060998</p>	<p>VISVESWARAYA Ph.D. SCHEME - Implementing agency: NIT CALICUT</p>
112	<p>KSCSTE Science Research Scheme Project entitled "Synthesis of Novel Electrocatalytic Nanoparticles and Nanocomposites for fuel Cell Applications" Sanction Order No. Council (P) Order No. 216/2015/KSCSTE dated 22.06.2015 Period: 3 Years. Bank Account No. 35256507611 File No. NITC/DEAN (R&C)/KSCSTE/SRS/NS/SNST/2015</p>	<p>Dr. N. SANDHYARANI Assoc. Professor, SNST</p>

113	<p>INSPIRE Faculty Scheme: "Improving the water availability in hilly rain shadow regions through appropriate water conservation measures" <i>[A component of "Assured Opportunity for Research Career (AORC)"]</i> under INSPIRE-Ministry of Science & Technology, Department of Science & Technology. Sanction Order No..... Period: 5 Years. Bank Account No.35531852511 File No. NITC/DEAN (R&C)/INSPIRE-FS/AP/CED/2015</p>	<p>INSPIRE FACULTY: Ms. ATHIRA P Coordinating Faculty: Dr. Santhosh G. Thampi, Prof., CED.</p>
114	<p>KSCSTE Science Research Scheme Project entitled "Development of recombinant sphingomonas paucimobilis for gellan gum production: Characterization and application of recombinant gellan gum in nanoparticles based drug delivery system". Period: 3 Years Sanction Order No. Council (P) Order No.243/2015/KSCSTE dated 04.07.2015. - Bank Account No. 35260115754. File NITC/DEAN (R&C)/KSCSTE/AS/SOBT/2015</p>	<p>Dr. A. SANTHIAGU, Associate Professor, SoBT</p>
115	<p>KSCSTE Project: Environment and Ecology Programmes Project entitled: "Investigation over the experimental and mathematical modelling of aerosols in the Kozhikode District". Sanction Order No. Council (P) Order No. 403/2015/KSCSTE dated 18.08.2015. (Council (M) Order No. 151/2014/KSCSTE dated 23.08.2014). Period: 3 Years Bank Account No. 35373645311 File No. NITC/DEAN (R&C)/KSCSTE/NS/CHEMLENGG/2015</p>	<p>Dr. N. SELVARAJU, Asst. Professor, Chemical Engineering (Dr. Lily Alen Varghese, AP, Chemical, (Incharge)</p>
116	<p>DRDO Project " Development of cost effective 3-Axis intellisat platform system" santion order :-NO.ERIP&ER/1506041/M/01/1592 dated 19.11.2015 duration :3Years Bank Account No. 35547110999 File No.NITC/DEAN (R&C)/DER&IPR/DRDO/SA/EED/2015</p>	<p>Dr. S Ashok Professor EED</p>
117	<p>Government of India Scheme "Rashtriaya Avihkar Abhiyan" NITC/DEAN (R&C)/RAA/DCH/2015</p>	<p>Programme Coordinator: Dr. A Sujith A Assistant Professor Department of Chemistry</p>

118	KSCSTE Project entitled " Development of Advanced Fiber Reinforced Polymer Nanocomposites for Aircraft Structure Application" Sanction Order No. 769/2015/KSCSTE dated 08.12.2015 Duration: 3 Yrs. Bank Account No. 35601784856 File No. NITC/DEAN (R&C)/KSCSTE/SV/SNST/2015	Dr. Soney Varghese Assistant Professor SNST
119	KSCSTE Project entitled " Identification and Characterization of Novel Drug Resistance Genes in Human Fungal pathogen Candida Albicans" Sanction Order No. 021/SRSL/2014/KSCSTE dated 20.10.2015 Duration: Bank Account No..... File No. NITC/DEAN(R&C)/KSCSTE/AK/SOBT/2016	Dr. Md.Anul Kabir Assistant Professor, SoBT
120	MED <u>FIST</u> PROGRAM-2015 OF DST: To Strengthen the Post- Graduate teaching & research facilities in the Department of Mechanical Engineering. (i) Optical Profiler (ii) Tribo indenter (iii) High Speed Camera (iv) Thermal Imager. Sanction Order No. SR/FST/ETI-388 dated 18.11.2015. Period : 5 Years. File No. NITC/DEAN (R&C)/DST/FIST/MED/2016. Bank Account No.35724132844	F I S T Dr. Jose Mathew, Professor, MED (Coordinator, NITC-MED-FIST-2015 & Convenor)
121	KSCSTE Project entitled "Strength Improvement of Locally available soft clays in construction of highways using lime-enzymatic formulations" Sanction Order No. Order (P) No. 890/2015/KSCSTE dated 08.01.2016 Duration: 2 Years. Bank Account No. 35601785146 File No. NITC/DEAN (R&C)/KSCSTE/SC/CED/2016	Dr. S. CHANDRAKARAN, Professor, CED
TOTAL		
2016-17		
122	NTPC - <u>Consultancy</u> Project "Development of stable nanofluids for heat exchanger for improved cooling in thermal power plants". Sanction Order No. NTPC/NETRA/NF/2016 dated 2.02.2016: Duration: 01.03.2016 to 30.09.2018. Bank Account No. 35707855365 File No. NITC/DEAN (R&C)/NTPC/NETRA/VN/SNST/2016	CONSULTANCY PROJECT: Dr. Sajith V, Asst. Professor, SNST (PI)

123	<p>KSCSTE ETP Project: Development of Smart Controlelr for Switched Reluctance Motor". Sanction Order No. Council (P) Order No. 1343/2015/KSCSTE dt.29.03.2016. Duration: 3 Years: Bank Account No. 35712118085 File No. NITC/DEAN (R&C)/KSCSTE/ETP/SA/EED/2016</p>	<p>Dr. S. ASHOK , Professor EED (Principal Investigator)</p>
124	<p>INSPIRE Faculty Scheme: Project entitled: "Stimuli Responsive Microfluidics" under INSPIRE Faculty Award-Ministry of Science & Technology, Department of Science & Technology. Sanction Order No. DST/INSPIRE Faculty Award/2016/DST/INSPIRE/04/2015/000544 dated 04.04.2016 Period: 5 Years. Bank Account No. 35760309489 File No. NITC/DEAN (R&C)/DST-INSPIRE-FS/SNV/SNST/2016</p>	<p><u>INSPIRE FACULTY:</u> Dr. Subramanyan Namboodiri Varanakkottu <u>Co-ordinating</u> <u>Faculty:</u> Dr. Soney Varghese, Asst. Professor, SNST</p>
125	<p>INSPIRE Faculty Scheme, Department of Chemistry: Project Work: "Nanomaterial-Polymer Compsites for Printable Electronics, Sensors and also for Energy related applications ", under INSPIRE Faculty Award, Ministry of Science & Technology, Department of Science & Technology. Offer Letter No. DST/INSPIRE/04/2015/002050 dated 15.02.2016. Period: 5 Years: Bank Account No. 36028528852 File No. NITC/DEAN (R&C)/INSPIRE-FA/MMM/CHEMISTRY/2016</p>	<p><u>INSPIRE FACULTY:</u> Dr. Minimol Menamparambath <u>Co-ordinating</u> <u>Faculty:</u> _____ Dr. Sujith A, Asst. Professor, Chemistry</p>
126	<p><i>UGC - POST DOCTORAL FELLOWSHIP FOR WOMEN FOR THE YEAR 2016-17 Sanctioned by University Grants Commission vide Award Letter No. F.15-1/2016-17/PDFWM-2015-17-KER-35924(SA-II) dated 1.04.2016.</i> File No. NITC/DEAN (R&C)/PDF/UGC/SRN-NS/SNST/2016. Bank Account No.....</p>	<p>Dr. SINDHU R. NAMBIAR, Krishna Kripa, P.O. Kankol, Payyanur, Kannur District, Kerala 670307. Dr. N. SANDHYARANI, ASSOC. PROFESSOR, SNST. (Coordinator)</p>

127	<p>Central Power Research Institute - CPRI-RSOP Project entitled "Development of Solid State Transformer as a Wind Power Interfacing Device". Sanction Order No. CPRI/R&D/RSOP/GRANTS/2016 dated 20.07.2016. Period: 2 Years.</p> <p>Bank Account No. 35977962286</p> <p>File No. NITC/DEAN (R&C)/CPRI/AS/EED/2016</p>	<p>Dr. S. ASHOK, Professor, EED (Principal Investigator)</p>
128	<p>DRDO CONSULTANCY PROJECT: "Development of Nano Lubricant for Diesel Engines". Contract No. CVRDE/17CR0004/WKS/16-17/LP dated 16.06.2016 & 05.07.2016. Period: 2 1/2 Years. Bank Account No. 36076948949</p> <p>NITC/DEAN (R&C)/DRDO/CVRDE/SV/SNST/2016</p>	<p>CONSULTANCY PROJECT of Dr. Sajith V, Asst. Professor, SNST</p>
129	<p>SERB-EMR Research Project "High Valent Trans-metallporphyrins with Glycosidic Linkages: <i>Synthesis, Photophysical, Electrochemical studies, Cellular Targetting and Bio-imaging Applications</i>". S.O No. EMR/2016/002396 dated 03.11.2016. Period: 3 Yrs. Bank A/c. No. 36273863935</p> <p>No. NITC/DEAN(R&C)/DST/SERB/CA/CHEMISTRY/2016</p>	<p>PI: Dr. C. Arunkumar, A.P, Chemistry Co-PI: Dr. K. Rathinasamy, A.P. SoBT</p>
130	<p>DST (WOS-A) Research Project "Synthesis, Characterization and Application of Novel Magnetically Recoverable Functionalized Nano-catalysts for various Organic Transformations". Sanction Order No. SR/WOS-A/CS-1042/2015(G) dated 05.12.2016. Period: 3 Yrs. Bank A/c. No. 36374406306</p> <p>NITC/DEAN (R&C)/DST/WOS-A/RT-NS/SNST/2016</p>	<p>PI: Dr. Ramani Thekkathu & Mentor: Dr. N. Sandhyarani, Assoc. Professor, SNST</p>
131	<p>SERB PDF - Two Year NATIONAL POST-DOCTORAL FELLOWSHIP To Dr. ROBIN AUGUSTINE, under the mentorship of Dr. Sandhyarani S, Assoc. Professor, SNST. Approval letter No. PDF/2016/000499 dated 05.07.2016 & Sanction Order No. PDF/2016/000499 dated 29.11.2016. File No. NITC/DEAN (R&C)/PDF/SERB/RA-NS/SNST/2016. Bank Account No. 36598636298</p>	<p>Dr. ROBIN AUGUSTINE, Chempananickal, Poothampara Po, Kozhikode (Post Doctoral Fellow) & Dr. N. Sandhyarani, Assoc. Professor, SNST (Mentor)</p>

132	SERB R/P "Naked Carbon as a Bridging Ligand in Bimetallic Ruthenium Complexes - A Theoretical Study on the Formation, Stability, Bonding and Reactivity" Sanction Order No. EMR/2016/003336 dated 04.01.2017. Period: 3 Years. File No. NITC/DEAN (R&C)/SERB(DST)/PP&S.De/CHEMISTRY/2016-17 Bank Account No. 36697532901	Dr. PARAMESWARAN PATTIYIL (Principal Investigator) & Dr. Susmita De (Co-Investigator), Chemistry, NIT Calicut
133	KSCSTE SRS Project entitled "A multi-wavelength nephelometer for characterizing tropospheric aerosol". Sanction Order No. Council (P) Order No. 759/2016/KSCSTE dated 18.11.2016. Period: 3 Years. File No. NITC/DEAN (R&C)/133/KSCSTE/SRS/MKRV/PHY/2017 Bank Account No. 36697545105	Dr. M.K.Ravi Varma, Assoc. Professor, Physics (Principal Investigator) and Dr. Deep.V, AP, Dept. of Physics, VTM, NSS College, Dhanuvachapuram (Co-PI)
134	<u>SERB-DST</u> Research Project: "Design, Synthesis and Evaluation of Solid-Emissive Far Red-Near IR Fluorophores". Sanction Order No. EMR/2016/003306 dated 06.02.2017. Period: 3 Years. File No. NITC/DEAN (R&C)/SERB(DST)/CL/CHEMISTRY/134/2016-17. Bank Account No. 36699462861	Dr. C. Lakshmi, Associate Professor, Chemistry (Principal Investigator)
135	KSCSTE SRS Project : "Micro RNA-9 Regulation of Neuroregeneration: A potential Therapeutic Strategy for Ischemic Stroke" Letter No. 018/SRSLs/2014/CSTE dated 07.03.2017 Sanction Order No. Council (P) Order No. Period: 3 Years. File No. NITC/DEAN (R&C)/KSCSTE/RGK/SOBT/2017(135) Bank Account No.37096085388	Dr. Rajanikant G K, Assoc. Professor, SOBT (Principal Investigator) and Dr. SMA Shibli, Assoc. Prof., & Head, Dept. of Chemistry, University of Kerala.
136	KSCSTE ETP Project entitled "Simultaneous Removal of Organic and Inorganic Pollutants from Textile Wastewater Effluents using Bio-Electrochemical Cell" . Sanction Order Council (P) Order No. 1004/2016/KSCSTE dated 17.01.2017. Period: 2 Years. File No. NITC/DEAN (R&C)/KSCSTE/SB/CHED/2017 (136) Bank A/c. No. 36826070008	Dr. Bhuvaneshwari S, Asst. Professor, Chemical Engg.
2017-18		

137	<p>KSCSTE TDAP Project entitled "Development of steel fibre reinforced GGBS concrete ad its applications in seismic resistant design" <u>Period 2 Years.</u> Sanction Order Council (P) Order No. 60/2017/KSCSTE dated 05.05.2017. File No. NITC/DEAN (R&C)/KSCSTE/SP/APS&PN/CED/2017. Bank Account No. 36950958352</p>	<p>Smt. SARANYA P Research Scholar, CED (Principal Investigator) Dr.A.P. Shashikala & Dr. Praveen Nagarajan (Co-Pis)</p>
138	<p>DST Research Project entitled "Development, Testing and Standardization of Heat Pump Water Heaters using Solar Photovoltaic Thermal Hybrid Evaporators" <u>Period: 3 Years.</u> Sanction Order No. DST/TMD/CERI/C47 (C) dated 29.07.2016. File No. NITC/DEAN (R&C)/DST/SJ/MED/(2016)/2017 Bank Account No. 37186010229</p>	<p>Dr. S. Jayaraj, Professor, MED (Principal Investigator)</p>
139	<p>DST WOS-B project entitled "CHETAS" - 3 Years. Sanction Order No.SR./WOS-B/701/2016(G) dated 11.09.2017. File No. NITC/DEAN (R&C)/DST/WOS-B/SM-SK/CSED/2017 Bank Account No. 37241357431</p>	<p>Ms. Sreeja M, "Sreevas", P.O. Mankavu, Calicut--673006 (Principal Investigator) & Dr. Saidalavi Kalady, Assoc. Professor, CSED (Mentor)</p>
140	<p>DST (WOS-A) Research Project "Model for Port based Sustainable Containerized Traffic Operation in India" - 3 Years. Sanction Order No. SR/WOS-A/ET-151/2016(G) dated 12.09.2017. File No. NITC/DEAN (R&C)/DST/VGM-NMA/ARCHI/2017. Bank Account No. 37251562506</p>	<p>Ms. Vidya G. Mohan (Principal Investigator) & Dr. Naseer M A, Assoc. Professor, Architecture (Mentor)</p>
141	<p>Govt. of India, Ministry of Water Resources - <u>Central Water Commission</u> Project entitled "Capacity Building in Dam Safety Related Areas - Rehabilitation & Improvement (DRIP) " - 3 Years. Sanction Order No. R-11014/4/2017-Pen Riv Section dated 1.08.2017. File No. NITC/DEAN (R&C)/CWC/DRIP/SGT/CED/2017. Bank A/c.No. 37286864074</p>	<p>Dr. Santosh G. Thampi, Professor, CED (Principal Coordinator)</p>

142	DST (WOS-A) Project "Cationic Mesothienylporphyrins and its Transition Metal Complexes: Synthesis, Photophysical, Electrochemical Studies and DNA Interaction". Period: 3 Years. Sanction Order No. SR/WOS-A/CS-82/2016(G) dated 23.10.2017. File No. NITC/DEAN (R&C)/DST/WOS-A/SS/CHEMISTRY/2017. Bank A/c.No. 37324305638	Dr. Sujatha S (No.9/13 B, Thazhe 12th Mile, NITC PO (PI) & Dr. C. Arunkumar, A.P, Chemistry (Mentor) Dr. P Parameswaran (New Mentor)
143	MHRD Grant for SWACHHTA ACTION PLAN (SAP) Project to NIT Calicut through IC & Sr, IIT Madras - 3 Years - Sanction Order No. ICSR/SAP/2018/SN-1 dated 17.01.2018 of IITMadras File No. NITC/DEAN (R&C)/MHRD/SAP/IITM/LS/CHEMISTRY/2018. Bank A/c. No. 37520426749	Dr. Lisa Sreejith, Assoc. Professor, Chemistry (Coordinator)
2018-19		
144	SERB (DST) Project entitled "Optofluidic Platform for Controlled Droplet Manipulation" - Period: 3 Years. Sanction Order No. ECR/2017/000583 dated 20.03.2018. File No. NITC/DEAN (R&C)/SERB/DST/SNV/PHYSICS/2018 Bank A/c. No. 37747553259	Dr. Subramanian Namboodiri Varanakkot, Asst. Professor, Physics (Principal Investigator)
145	ECED FIST PROGRAM-2018 OF DST: Financial assistance to the Department of Electronics and Communication Engineering, NIT Calicut under FIST Program to Strengthen the Research Facilities in the Department - (i) Test Bed for Advanced Wireless Communication System Design (Rs.170 lakh) ii) Data Acquisition and Debugging tool (Rs.12 lakh) iii) Multimedia Processing Unit, Infrared Camera and Audiometry Booth (Rs. 10 lakh, iv) Work station with High End Graphic Processing Unit (Rs. 8 lakh) - Sanction Order No. SR/FST/ET-1/2017/68 (C) dated 20.03.2018. File No. NITC/DEAN (R&C)/DST/FIST/ECED/2018. Period: 5 Years. Bank Account No.37720597560	F I S T Dr.Sameer S.M., Professor, ECED (Coordinator, NITC-ECED- FIST-2018 & Convenor)

146	<p>Award of INSPIRE Fellowship under INSPIRE Programe to the Research Student (IF170136) in Basic and Applied Sciences. Department of Chemistry. Sanction Order No. DST/INSPIRE/Fellowship/2017/IF170136 dated 08.06.2018. Period: 5 Years. File No. NITC/DEAN (R&C)/DST/INSPIRE/AD/CHEMISTRY/2018. Bank Account No. 37779456678</p>	<p><u>Award of INSPIRE Fellowship</u> to Ms. Athulyadas, P170063CY, Ph.D. Scholar in Bio-inorganic, Department of Chemistry <u>Co-ordinating Faculty: Dr. Muniyandi Sankaralingom, Chy</u></p>
147	<p>SERB (DST) Project entitled "A Study of Riesz Transforms Associated to the Grushin Operator". Period: 3 Years. Sanction Order No. MTR/2017/000741 dated 28.05.2018. File No. NITC/DEAN (R&C)/SERB -DST/SPK/MAT/2018. Bank A/c.No. 37814761399</p>	<p>Dr. Sanjay P K, Asst. Professor, Mathematics. (Principal Investigator)</p>
148	<p>SERB R/P "A Long Term Solution: Fuzzy Logic Based Image-Acoustic Classification to Detect the Elephant Movement Patterns in Hosur Forest Areas to avoid Human-Elephant Conflicts" Period: 4 Years (out of 4 years, 1 year completed at Adhiyamaan College of Engg., Hosur) Sanction Order No. EEQ/2016/000543 dated 09.02.2017 & commenced at Adhiyamaan College of Engg., Hosur from 03.03.2017. Project Transferred to NITC vide Order No. EEQ/2016/000543 dated 05.07.2018; commenced at NITC from 07/2018. File No. NITC/DEAN (R&C)/DST/SERB/PM/CSSED/2018 Bank Account No. 37849942885</p>	<p>Dr. M. Prabu, Asst. Professor, Department of Computer Science & Engg. (Principal Investigator)</p>

149	SERB R/P "CARTRAC: CollAboRative Trusted Anonymous Communication in vehicular networks": 3 Years (out of 3 years, 1 year completed at NIT Puducherry). Sanction Order No.EMR/2016/007502 dated 04.10.2017 and commenced at NIT Puducherry from 04.10.2017. Project transferred to NITC vide Order No. EMR/2016/007502 dated 05.09.2018; commenced at NITC from 06/2018. File No. NITC/DEAN (R&C)/DST-SERB/PARK/CSED/2018. Bank Account No.38030653645	Dr. Arun Raj Kumar Parthiban, Asst. Professor, CSED (Principal Investigator)
150	DST INSPIRE FACULTY SCHEME - Project entitled" Precise synthesis and purification of platinum nanocluster as anti-cancer agent: a new approach for cancer diagnosis and treatment" School of Nano Science & Technology , NITC. Sanction Order No. DST/INSPIRE/04/2018/001014 dated 25.07.2018. Period: 5 Years. File No. NITC/DEAN (R&C)/DST-INSPIRE-FS/LVN/SNST/2018 . Bank Account No. 38415705045	Dr. Lakshmi V Nair, (INSPIRE Faculty, SNST) & Dr.Hanas T, A.P., SNST (Coordinator)
151	SERB R/P entitled "Developing Soft Sensors for Copolymerization Monitoring and Control based on Reaction Calorimetry": Period: 3 Years. Sanction Order No. ECR/2017/002598 dated 06.09.2018. File No. NITC/DEAN (R&C)/SERB/DRV/CHEMICAL/2018. Bank Account No. 38017800860	Dr. Dhanya Ram V, Asst. Professor, Chemical Engineering Department (Principal Investigator)
152	SERB R/P entitled "Design of Optimal Reliability Acceptance Sampling Plans based on Multi-sage Process, Inliers and Accelerated Tests" . Period: 3 Years. Sanction Order No. EMR/2017/000775 dated 19.0-9.2018. File No. NITC/DEAN (R&C)/SERB/MK/MATHS/2018. Bank Account No. 38030654242	Dr. Mahesh Kumar, Asst. Professor, Department of Mathematics (Principal Investigator)
153	DST INSPIRE FACULTY SCHEME: 5 years. Entitled "Development of hydrothermal liquefaction of microalgae for bio oil production" . Sanction Order No. IFA/14-ENG-97 dated 28.09.2015 commenced at CSIR NIISSST, Trivandrum. File No. NITC/DEAN (R&C)/DST/INSPIRE-FS/PSR/CHEMICAL/2018. Bank Account No. 38044293551	Dr. Panneerselvam Ranganathan, Asst. Professor, Chemical Engg. (Principal Investigator)

154	<p>DBT Project "Exploration of the Diagnostic/Therapeutic Potential of Non-coding RNAs-Phosphatase-HER2-UPAR cross talk in breast cancer" Sanction Order No. BT/PR16307/MED/30/1729/2016 dated 19.01.2018. File No. NITC/DEAN (R&C)DBT/SPS/SOBT/2018. Period: 3 Years. Bank Account No. 38132483430</p>	<p>Dr. Suresh P.S., Asst. Professor, SoBT</p>
155	<p>SERB R/P entitled "Unraveling molecular mechanisms linking adipokine (leptin) and steroid hormone (estradiol) to endometrial cancer for novel therapeutic approaches". Sanction Order No. YSS/2014/00020 dated 05.10.2015 & 23.08.2018 .3 Years completed; extended till 16.01.2019 at NITC. File No. NITC/DEAN (R&C)/DST/SERB/SPS/SOBT/2018. Bank Account No. 35981271500 (R&C)</p>	<p>Dr. Suresh P.S., Asst. Professor, SoBT</p>
156	<p>SERB R/P entitled "Investigation in to the Design and Performance Analysis of Encased Stone Column supported Embankments with Geocells as Basal Reinforcement". Sanction Order No. ECR/2017/000445 dated 03.04.2017 & 31.08.2018. File No. NITC/DEAN (R&C)/SERB/AB/CED/2018. Bank Account No. 38103882983</p>	<p>Dr. Anjana Bhasi, Asst. Professor, CED</p>
157	<p>SERB R/P entitled "Investigations in to the influence of 3-D surface topographic parameters and cross-hatch angle of cylinder liner surface on the friction and wear of piston ring-cylinder liner assembly". Sanction Order No. ECR/2017/000839 DATED 23.06.2017 (commenced at MIT Manipal) and transferred to NITC on 14.11.2018 onwards). 3 Years (1 year completed at MIT Manipal) File No. NITC/DEAN (R&C)/SERB/DLK/MED/2018. Bank Account No. 38103882462</p>	<p>Dr. Deepak Lawrence K, Asst. Professor, MED (Principal Investigator)</p>

158	<p>INSPIRE Faculty Scheme: Project entitled "Synthesis and Reactivity Studies of Rare Mononuclear High-Spin Manganese (V)-oxo (S=1) complexes" under INSPIRE Faculty Award-Ministry of Science & Technology, Department of Science & Technology. Sanction Order No. DST/INSPIRE Faculty Award/Batch-13/2017 dated 10.10.2018 Period: 5 Years. Bank Account No. 38180891032. File No. NITC/DEAN (R&C)/DST/INSPIRE-FS/MS/CHEMISTRY/2018</p>	<p>Dr. Muniyandi Sankaralingam, Asst. Professor, Department of Chemistry</p>
159	<p>INSPIRE Faculty Scheme: Project entitled " Experimental investigations of model based fault tolerant control for energy storage systems" under INSPIRE Faculty Award-Ministry of Science & Technology, Department of Science & Technology. Offer Letter No. DST/INSPIRE/04/2018/001824 dated 15.10.2018 Sanction Order No. DST/INSPIRE FACULTY/BATCH-14/2019 dated 28.06.2019 Period: 5 Years. Bank Account No. 38603503929 File No. NITC/DEAN (R&C)/DST-INSPIRE-FS/TK/EED/2018</p>	<p>INSPIRE Faculty: Dr. Tarakanath Kobaku, D.No. 4-54, Perumallapalli (P&V), Tirupati, Andhra Pradesh-517505 Mentor: Dr. Rijil Ramchand, Assoc. Professor, EED</p>
160	<p>UGC-DAE Consortium for Scientific Research - Collaborative Research entitled " Synthesis & Characterization of Carbon-based Functional Nanomaerials for Chemical Sensing" . Sanction Order No. CSR-KN/CRS-106/2018-19/1045 dated 26.12.2018. Period: <u>one year</u> but may be extended for <u>three years</u>. File No.NITC/DEAN (R&C)/UGC-DAE-CSR/AAA/PHY/2019. <u>Bank Account No. 38259781306</u></p>	<p>Dr. Aji A Anappara, Assoc. Professor, Department of Physics</p>
161	<p>DST Project entitled "Design and Development of a low cost, rapid and sensitive sensor for the on-site detection of Endotoxin". Sanction Order No. DST/NM/NB/2018/152(G) dated 23.01.2019. Period: 3 Years. File No. NITC/DEAN (R&C)/DST/NS/SNST/2019. Bank Account No. 38276476234 BOM : 60427484604</p>	<p>Dr. N. Sandhyarani, Profesor, SNST</p>

162	<p>DST WOS-B project entitled "Development of Point of Care Prognosis based Exhaled Breath Analyser for Cardiovascular Diseases CVD " -Period: 3 Years. Sanction Order No.DST/WOS-B/2017/35-ETD (G) dated 10.01.2019 File No. NITC/DEAN (R&C)/DST/WOS-B/AMV-SKJ/ECED/2019 Bank Account No. 38302334688</p>	<p>Ms. Akshaya M.V., (Roll No. P180033EC), Research Scholar, ECED <u>Principal Investigator</u> & Dr. Suja K J, Asst. Professor, ECED (Guide & Scientist Mentor)</p>
163	<p>DST INSPIRE FACULTY SCHEME entitled" A clean and sustainable campus transport system". Offer Letter No. IFA18-ENG 268 DATE 11.02.2019 & S.O. No. DST/INSPIRE/04/2018/0002257 dated..... Period: 5 Years. File No. NITC/DEAN(R&C)/DST/INSPIRE-FS/SMP/JG/EED/2019. Bank Account No. 38590885678</p>	<p>DST INSPIRE: Dr. Shreelakshmi M P & Mentor: Dr. Jagadanand G, AP, EED</p>
164	<p>SERB Research Project entitled "A Highly flexible piezo-tribo nanogenerator based on electrospun PVDF nanofibers containing the modified and decorated carbonaceous nanoparticles for capturing human kinematics". Sanction Order No. EEQ/2018/000351 dated 15.02.2019. Period: 3 Years. File No. NITC/DEAN (R&C)/SERB/PKSM/CHEMICAL/2019. Bank Account No. 38358757972</p>	<p>Dr. Prasanna Kumar S. Mural, Asst. Professor,Chemical Engineering (PI)</p>
165	<p>SERB Research Project entitled "Design and implementation of breath analyzer for diabetes detection" . Sanction Order No. EEQ/2018/000409 dated 20.02.2019. Period: 3 Years. File No. NITC/DEAN (R&C)/DST-SERB/SKJ/ECED/2019. Bank Account No.38340307057</p>	<p>Dr. SUJA K J, Asst. Professor, ECED (PI)</p>
166	<p>SERB Research Project entitled "Development of Bio-modified carbon paste electrode for the detection and removal of heavy metals from wastewater" Sanction Order No. EEQ/2018/001261 dated 20.02.2019. Period: 3 Years. File No. NITC/DEAN (R&C)/DST-SERB/SB/CHD/2019. Bank Account - 38340306789</p>	<p>Dr. BHUVANESHWARI S, Asst. Professor, Chemical Engg. (PI)</p>

167	SERB Project under TARE to Dr. Deepthi Jose, Providence Womens' College, Malaparamba PO, Kozhikode, Kerala under the mentorship of Dr. Raghu Chatanathodi, Assoc. Professor, Department of Physics. Sanction Order No.TAR/2018/000637 dated 27.02.2019. File No. NITC/DEAN (R&C)/SERB/TARE/DJ-RC/PHYSICS/2019. Duration: 3 Years. Bank Account No. 38550040182	SERB TARE to Dr. Deepthi Jose, Providence Womens' College, Malaparamba, Kozhikode under mentorship of Dr. Raghu Chatanathodi, Assoc. Professor, Physics
168	SERB (DST) R/P: "Modeling and Simulation of Fluid Motion on the Surface Profile Generation in Micro EDM". Sanction Order No. MTR/2018/000451 dated 20.03.2019. Duration: 3 Years File No. NITC/DEAN (R&C)/DST-SERB/SP/MATHS/2019. Bank Account No. 38399582684	Dr. Satyananda Panda, Assoc. Professor, Maths.
2019-20		
169	SERB Research Project entitled "Process Intensification of Post-Combustion Co2 Capture using Rotating Packed Bed Reactor Concept" Sanction Order No. ECR/2018/000912 dated 22.03.2019. Period: 3 Years: File No. NITC/DEAN (R&C)/SERB/PSR/CHEMICAL/2019. Bank Account No. 38399582550	Dr. Panneerselvam Ranganathan, Asst. Professor, Chemical Engg. (Principal Investigator)
170	SERB Research Project entitled "An Intelligent System for Retinopathy of Prematurity (ROP) Screening and Diagnosis". Sanction Order No. CRG/2018/004934 dated 28.03.2019. Period: 3 Years. File No. NITC/DEAN (R&C)/DST-SERB/SG/ECED/2019. Bank Account No. 38399582924	Dr. Sreelekha G, Assoc. Professor, ECED (Principal Investigator)
171	MHRD-ICSSR-IMPRESS Research Project entitled "Attitudes towards the environment: Study in Keraa, post 2018 floods" . Sanction Order No. F.No. IMPRESS/P1059/139/2018-19/ICSSR dated 20.03.2019. Period: 2 Years. File No. NITC/DEAN (R&C)/ICSSR/MHRD/IMPRESS/AB/ARCHI/2019 Bank Account No. 38441229277	Dr. Anjana Bhagyanathan, Asst. Professor, Department of Architecture & Planning, NITC (PI)

172	<p>SPARC MHRD Project entitled "Tuning the Performance of Thin-Film Composite Membranes on Electrospun Support for Engineered Osmosis in Water Remediation". Sanction Order No. SPARC/2018-2019/P530/SL dated 05.03.2019. Period: 2 Years (Start Date: 15.03.2019). File No. NITC/DEAN (R&C)/SPARC-MHRD/NJK/CHEMICAL/2019. Account No.39022694857</p>	<p>Dr. Noel Jacob Kaleekkal, Asst. Professor, Chemical Engg., NITC (Principal Investigator)</p>
173	<p>Award of Young Faculty Research Fellowship (YFRF) of Visvesvaraya PhD Programme of Ministry of Electronics & Information Technology, MeitY, Govt. of India at NIT Calicut in respect of Dr. Kumaravel S, Asst. Professor, Department of Electrical Engineering. Sanction Order No. PhD-MLA/4(77)/2015-16 dated 06.03.2019 & No. DIC/MUM/GA/10(37)/D dated 24.01.2019. File No. NITC/DEAN (R&C)/MeitY/YFRF/KS/EED/2019. Bank Account No. 38446715137</p>	<p>YFRF of Visvesvaraya PhD Programme of MeitY to Dr. Kumaravel S, Asst. Professor, EED</p>
174	<p>SPARC MHRD Project entitled "A Resilient DC Community Grid for the Provision of Ancillary Services to Local Grid". Sanction Order No. SPARC/2018-2019/P512/SL dated 15.03.2019. Period: 2 Years (Start Date: 15.03.2019). File No. NITC/DEAN (R&C)/SPARC-MHRD/NS/EED/2019. Bank Account No. 38446714927</p>	<p>Dr. Nikhil Sasidharan, Asst. Professor, EED (Principal Investigator)</p>
175	<p>KSCSTE Post Doctoral Fellowship (PDF) 2018 entitled "Development of Bioactive Glass-polymer Composite as Synthetic Scaffolds" Officer Letter No. KSCSTE/1984/2018/PDF dt.05.03.2019 &26.03.2019 Period: 2 Years. File No. NITC/DEAN (R&C)/KSCSTE/PDF/RP/CHEMISTRY/2019 Bank Account No.....</p>	<p>KSCSTE Post Doctoral Fellow Dr. Rajesh P, Palangadan House, Eruvessi PO, Kannur 670632. Dr. Sujith A, Assoc. Professor, Chemistry (Mentor)</p>

176	<p>KSCSTE Post Doctoral Fellowship (PDF) 2018 entitled "Scope of photo-redox catalysis in oxidative enolate coupling: For the synthesis of nitrogen containing compounds" Officer Letter No. KSCSTE/1984/2018/PDF dt.05.03.2019 &23.03.2019 Period: 2 Years. File No. NITC/DEAN (R&C)/KSCSTE/PDF/BV/CHEMISTRY/2019 Bank Account No. 39075298670</p>	<p>KSCSTE Post Doctoral Fellow Dr. Baby Viswambharan, Thattayathumalil House, Valayanchirangara PO, Ernakulam-683556. Dr. ., Lakshmi, Assoc.Professor, Chemistry (Mentor)</p>
177	<p>MHRD-ICSSR-IMPRESS Research Project entitled "Initiatives to Resolve Socio-Economic Issues of the Marginalized Transgender Community through Fuzzy Cognitive Map (FCM) Approach in and around Kozhikode " . Sanction Order No. F.No. IMPRESS/P1725/265/SC/2018-19/ICSSR dated 20.03.2019 Period: 2 Years. File No. NITC/DEAN (R&C)/ICSSR/MHRD/IMPRESS/MP/CSSED/2019 Bank Account No. 38475444194</p>	<p>Dr. M. Prabu, Asst. Professor, Department of Computer Science & Engg. (Principal Investigator)</p>
178	<p>DST Project entitled "Microbial recovery of biogenic methane from coal rejects with CO2 sequestration using novel hybrid geo photobioreactor and reclamationof the site". Sanction Order No. TMD/CERI/Clean Coal/2017/012 (NIT-C) (C) dated 26.04.2019. Period: 3 Years. File No. NITC/DEAN (R&C)/DST/VS/CHEMICAL/2019. Bank Account No. 38475444445 (SBI) 631402010015331 (Union Bank A/c)</p>	<p>Dr. V. Sivasubramanian, Professor, Chemical Engg. (PI)</p>

179	<p>SERB - N-PDF - <u>Two Year</u> National Post Doctoral Fellowship to Dr. Muhsin M, Muneera Manzil, Poonoor, Unnikulam PO PDF/2018/001128 dated 08.05.2019 (R&C)/N-PDF/SERB/MM-MKRV/PHYSICS/2019. 38543741053</p> <p>Approval Letter No. File No. NITC/DEAN Bank Account No.</p>	<p>NPDF - Dr. Muhsin M, Muneera Manzil, Poonoor, Unnikulam PO Mentor, Dr. M.K.Ravi Varma, Professor, Physics.</p>
180	<p>ISRO RESPOND Project entitled "VLSI Implementation of Low Density Parity Check (LDPC) Encoder/Decoder for on-board/ground satellite applications" . Sanction Order No. ISRO/RES/3/824/19020 dated 19.07.2019. <u>Period: 2 Years.</u> (R&C)/ISRO-RES/DPP/ECED/2019. 38711830160</p> <p>File No. NITC/DEAN Bank Account No.</p>	<p>Dr. Deepthi P.P, Professor ECED (Principal Investigator)</p>
182	<p><u>The Institution of Engineers (India), Kolkatta.</u> R&D Project entitled "Selectively Patterned Porous Evaporative Structure for Enhanced Solar Driven Interfacial Evaporation". Sanction Order No. R.6/2/DR/2019-20/DR2020008 dated 06.08.2019. Period: 2019-20. (R&C)/IE(India)/SJ/MED/2019. A/c No.35981271500</p> <p>File No. NITC/DEAN</p>	<p>Dr. S. Jayaraj, Professor, MED (Principal Investigator)</p>
183	<p>ICMR - Indian Council of Medical Research - Adhoc Project titled 'Development and Characterization of Biodegradable Magnesium Based Alloys for Degradable Metallic Implants'. Sanction Order No. 5/4-5/3/3/ORTHO/2019-NCD-I dated 16.09.2019. Period: 3 Years. (R&C)/ICMR/HT/SNST/2019. A/c.No. 38882570452</p> <p>File No. NITC/DEAN</p>	<p>Dr. Hanas T, Asst. Professor, SNST (SMSE) 9Principal Investigator0</p>

184	<p>MHRD-ICSSR-IMPRESS Research Project entitled "Assessment of Occupational Hazards for Worker Well-being under Clean India Initiative" .</p> <p>Sanction Order No. F.No. IMPRESS/P81/413/2018-19/ICSSR dated 17.09.2019</p> <p>Period: 2 Years. File No. NITC/DEAN</p> <p>(R&C)/ICSSR/MHRD/IMPRESS/VVP/MED/2019 Bank</p> <p>Account No. 35981271500</p>	<p>Dr. Vinay V. Panicker, Asst. Professor, MED (PI)</p>
185	<p>ANERT (Department of Power, Government of Kerala) - Financial support - Project Proposal SRI/13/2018-19 on "Design and Fabrication Strategies for Organic Hybrid Perovskite Solar Cells" . Sanction Order No. ANERT-TECH/11/2019-S(NEP) dated 23.09.2019. Period: Last date of completion: 31.03.2020. File No. NITC/DEAN (R&C)/ANERT/PP/PHYSICS/2019. Account No . 39506731880</p>	<p>Dr. P. Predeep, Professor, Physics</p>
186	<p>MHRD-ICSSR-IMPRESS Research Project entitled "Sociotope mapping as a tool for policy framework in an urban cultural landscape" Sanction Order No. F.No. IMPRESS/P19391/374/2018-19/ICSSR dated 18.09.2019</p> <p>Period: 2 Years. File No. NITC/DEAN</p> <p>(R&C)/ICSSR/MHRD/IMPRESS/BP/DAP/2019 Bank Account No. 39219255091.....</p>	<p>Dr. Bimal Puthuvayi, Asst. Professor, Department of Architectural & Planning</p>
187	<p>SERB Research Project entitled "Two-Dimensionally Tailored Conductive Polymer Networks for Multi-Functional Applications" . Sanction Order No. EEQ/2019/000606 dated 14.11.2019. Period: 3 Years. File No. NITC/DEAN (R&C)/SERB/DST/MMM/CHEMISTRY/2019. Bank</p> <p>Account No. 39022694530</p>	<p>Dr. Minimol Menamparambath, Asst. Professor, Chemistry (PI)</p>

188	<p>SERB Research Project entitled "Development of Electrospun Membranes with Graded Hydrophobicity for Membrane Distillation". Sanction Order No. SRG/2019/000028 dated 26.11.2019. Period: 2 Years. File No. NITC/DEAN (R&C)/SERB/DST/NJK/CHED/2019. Bank Account No. 39022694697</p>	<p>Dr. Noel Jacob Kaleekkal, Asst. Professor, Chemical Engg., NITC (Principal Investigator)</p>
189	<p>DST - Award of INSPIRE Fellowship under INSPIRE Programme to the Research Student (IF180917), Material Science and Engineering, School of Material Science and Engineering Sanction Order No. DST/INSPIRE Fellowship/2018/IF180917 dated 11.12.2019 Period: 5 Years. File No. NITC/DEAN (R&C)/DST/INSPIRE-FELLOWSHIP/ AY/SMSE/2019. Bank Account No. 39022693751</p>	<p><u>Award of INSPIRE Fellowship</u> to Ms. Anagha Yatheendran, P190091MT, Ph.D. Scholar in Material Science and Engineering, SMSE <u>Co-ordinating Faculty:</u> Dr. N. Sandhyarani, Professor, SMSE</p>
190	<p>KSCSTE - ETP Project entitled "Design and Development of a Real-time Optical Sensr for Selected VOCs in air and its application for field Measurements". Sanction Order: Council (P) Order No. 186/2019/KSCSTE dated 13.02.2019. Period: 2 Years. File No. NITC/DEAN (R&C)/KSCSTE/ETP/GV/CED/2019. Bank Account No.39075299209</p>	<p>Dr. George K. Varghese, Asst. Professor, CED (Principal Investigator)</p>
191	<p>SERB Research Project entitled "Development of an indigenous tool for the enhancement of medical images using deep neurl networks". Sanction Order No. SRG/2019/001586 dated 10.12.2019. Period: 2 Years. File No. NITC/DEAN (R&C)/SERB/DST/SPV/ECED/2019. Bank Account No. 39075299844</p>	<p>Dr. Sudeep P.V. Asst. Professor, Department of ECE (PI)</p>

192	SERB Res. Project entitled "Development of Kitchen Layout for Paraplegic Persons". Sanction Order No. EEQ/2019/000371 dated 19.12.2019. <u>Period: 3 Years.</u> File No. NITC/DEAN (R&C)/SERB/RKK/MED/2019/192 Bank A/c.No. 39075304469	Dr. Ratna Kumar Konda Reddy, Asst. Professor MED (Principal Investigator)
193	SERB Res. Project entitled "Control of Instabilities in Jeffcott Rotor" Sanction Order No. SRG/2019/001445. <u>Period: 2 Years.</u> File No. NITC/DEAN (R&C)/SERB/ASHESH SAHA/MED/2019/193 Bank A/c. No. 39075304899	Dr. Ashesh Saha, Asst. Professor MED (Principal Investigator)
194	TATA STEEL LTD., IIT HYDERABAD & NITC CONSULTANCY PROJECT: "Design Modifications of TATA-JK dense medium cyclone for the efficient separation of the middling coal using CFD". (MoU along with Schedule-A) Period: Bank Account No. 39075305418 File No. NITC/DEAN (R&C)/TSL-IITH-NITC/TRV/CHED/2019	Dr. Teja Reddy Vakamalla, Asst. Professor, Chemical (PI)
195	SERB Res. Project entitled "Design and Development of an Expert System for Updating Rainfall Intensity-Duration-Frequency Curves under Climate Change and Non-stationarity". Sanction Order No. SRG/2019/001424 dated 14.12.2019. <u>Period: 2 years.</u> File No. NITC/DEAN (R&C)/SERB (DST)/AGILAN V/CED/2019. Account No. 39106480976	Dr. Agilan V, Asst. Professor, CED (Principal Investigator)
2020-21		
196	SERB Res. Project entitled "Rational Design and Development of Non-Precious Mixed Transition Metal oxides for oxygen reduction reaction". Sanction Order No. CRG/2019/005715 dated 26.12.2019. <u>Period: 3 Years.</u> File No NITC/DEAN (R&C)/SERB/SN/SMSE/2019. Bank Account No. 39106481288	Dr. N. Sandhyarani, Profesor, SMSE (Principal Investigator)

197	<p>SERB Res. Project entitled "Study and Development of Highly Efficient Multichannel Photocatalytic Micro/milli Reactor for Textile Waste Water Treatment Exploiting Hollow Spherical Zinc Based Metal Oxide Composite". Sanction Order No. SRG/2019/001732 dated 31.12.2019. Period: 2 Years. File No. NITC/DEAN (R&C)/SERB/S.DAS/CHEMICAL/2019. Bank Account No. 39106481539</p>	<p>Dr. Susmita Das, Asst. Professor, Chemical Engineering (Principal Investigator)</p>
198	<p>DEPT. OF MATHEMATICS - FIST PROGRAM-2019 of DST: Financial assistance to the Department of Mathematics, NIT Calicut under FIST Program to Strengthen the Research Facilities in the Department - E+NW - Rs. 25L (Hardware - Rs. 15L (20 PCs, 1 Workstation, 1 Printer) and Software - Rs. 10L (to be identified) M=Rs.4L - total 29.0 lakh. Sanction Order No. SR/FST/MS-1/2019/40 dated 7.01.2020 File No. NITC/DEAN (R&C)/DST/FIST/MATHS/2019. Period: 5 Years. Bank Account No.39532201910</p>	<p>Dr. Satyananda Panda, HOD MAT</p>
199	<p>DST Project entitled "Integrated hydrodynamic cavitation - membrane distillation technology for enhanced water recovery from Industrial effluent". Sanction Order No. DST/TMD/(EWO)/OWUIS-2018/RS-17(G) dated 03.12.2019. File No. NITC/DEAN (R&C)/DST/NJK/CHEMICAL/2019. Period: 2 Years. Bank Account No. 39125726125 Union Bank A/c No: 631402010015288</p>	<p>Dr. Noel Jacob Kaleekkal, Asst. Professor, Chemical Engg., NITC (Principal Investigator)</p>
200	<p>KSCSTE ETP project entitled "Stator Fault Diagnosis through Wavelet Based MCSA of Inverter Fed Induction Motor". Sanction Order. Council (P) Order No. 249/2019/KSCSTE dated 28.02.2019. Period: 2 Years. File No. NITC/DEAN (R&C)/KSCSTE-ETP/JG/EEE/2019-20. Bank Account No. 39169217888</p>	<p>Dr. Jagadanand G, Assoc. Professor EEE (Principal Investigator)</p>

201	<p>Ministry of Electronics & Information Technology (MeitY) - Initiation of sub-project on "GaN based High Gain DC/DC Converter fed Multi-level Inverter for UPS Application" under National Mission on Power Electronics Technology Phase-III (NaMPET-III) programme. Order No. 25(12)/2019-ESDA dated 20.02.2020. Period: 18 Months File No. NITC/DEAN (R&C)/MeitY/NaMPET-III/KS/EED/2019-20. Bank Account No. 39532201273</p>	<p>Dr. Kumaravel S, Asst. Professor, EED (PI)</p>
202	<p>Govt. of India, Ministry of Home Affairs (CIS Division), Bureau of Police Research & Development, Delhi. R&D Project under CCPWC Scheme entitled "Proactive Monitoring of Online Social Network for Prevention of Crime against Women and Children (PMOPWC)". Order No. 22006/7/2017-CIS-II dated 24.02.2020. Period: 24 Months: File No. NITC/DEAN (R&C)/BPRD-MHA/SDMK/CSED/2020 Bank Account No. 39506730808</p>	<p>Dr. S.D. Madhu Kumar, Professor, CSED (Principal Investigator)</p>
203	<p>ISRO RESPOND Project entitled "To develop a software for linear and nonlinear static analysis of structures using Applied Element Method". Letter No. ISRO/RES/3/863/19-20 dated 04.02.2020 & Sanction Order No. ds-2b-13012(2)/7/2020-Sec.2 dated 03.02.2020. <u>Period: 2</u> <u>Years.</u> File No. NITC/DEAN (R&C)/ISRO-RESPOND/PN/CED/2020. Bank Account No. 39506732329</p>	<p>Dr. Praveen Nagarajan, Professor, Civil Engg. (PI)</p>
204	<p>KSCSTE Project "Behaviour of Steel Fibre Reinforced Rubberized Concrete deep Beams" under ETP (Sanctioned by KSCSTE) Sanction Order No. (P) 500/2019/KSCSTE dt.01-04-2019. Period: 2 years () File No: NITC/DEAN(R&C)/KSCSTE/ETP/PN/CED/2020 A/C.No. 39553813917</p>	<p>Dr. Praveen Nagarajan, Professor CED praveen@nitc.ac.in</p>

205	<p>Directorate of Environment and Climate Change - Annual plan 2019-20- Govt. of Kerala - Research Project entitled " Development of desalination system using selectively patterned solar absorber" .</p> <p>Order No. G.O (Rt) No. 105/2019/Envvt dated 30.10.2019</p> <p>2 years</p> <p>NITC/DEAN (R&C)/KSED/DE&CC/SCS/MED/2020</p> <p>39597928075</p>	<p>Dr. Sujith Kumar C.S(PI) Assistant Professor MED</p>
206	<p>KSCSTE Project "Image based Smart Parking Management for Intelligent Transportation System " under ETP (Sanctioned by KSCSTE)</p> <p>Sanction Order No. (P) 499/2019/KSCSTE dt.01-04-2019.</p> <p>Period: 2 years ()</p> <p>File No: NITC/DEAN(R&C)/KSCSTE/ETP/MHK/CED/2020</p> <p>A/C.No. 39639368255</p>	<p>Dr. M Harikrishna Assistant Professor, CED</p>
207	<p>KSCSTE Project "Development of an alternative fluid to transformer mineral oil " under ETP (Sanctioned by KSCSTE)</p> <p>Sanction Order No. (P) 498/2019/KSCSTE dt.01-04-2019.</p> <p>Period: 2 years ()</p> <p>File No: NITC/DEAN(R&C)/KSCSTE/ETP/PP/EED/2020</p> <p>A/C.No. 39639369112</p>	<p>Dr. Preetha P Assoc. Professor EED</p>
208	<p>KSCSTE Project "Flood forecasting using hybrid wavelet- ANN and wavelet-SVM models" under ETP (Sanctioned by KSCSTE)</p> <p>Sanction Order No. (P) 503/2019/KSCSTE dt.01-04-2019.</p> <p>Period: 2 years</p> <p>File No: NITC/DEAN(R&C)/KSCSTE/ETP/CNR/EED/2020</p> <p>A/C.No. 39639368562</p>	<p>Dr. Chithra N R Assoc. Professor CED</p>

213	<p>R&D Project with Aryaka Networks India Pvt Limited Sanction Order No. MoU along with Schedule-A dated 08.02.2018 File No : NITC/DEAN(R&C)/ANIPL/SDMK/CSED/2020 Months 39691957043</p>	24 A/C No.	Dr. S.D. Madhu Kumar, Professor, CSED
214	<p>DST Project entitled "Framework for flood mapping and to prepare an early warning system in the occurrence of flood for the northern region of Kerala" Period: 2 Years. Sanction Order No.NRDMS/ChithraK/NITKerala/e-11/2019(C) dated 05.10.2020. File No. NITC/DEAN (R&C)/DST/NRDMS/CK/DAP/2020 No. 39798625732 Bank A/c. 631402010015232 (Union Bank)</p>		Dr. Chithra K Asst. Professor DAP
215	<p>SERB Res. Project entitled "Fabrication and characterization of ZnON based photo sensors" SRG/2020/000728 dated 23.10.2020. Period: 3 Years. Sanction Order No. File. No NITC/DEAN (R&C)/SERB/ARN/ECED/2020. Bank Account No. 39798626054</p>		Dr. Aswathi R Nair Asst. Professor ECED
216	<p>DEPARTMENT OF CHEMISTRY- DST-FIST Programme Sanction Order NO:SR/FST/CS-I/2019/120 (C). Dt.07.01.2020 File No. NITC/DEAN (R&C)/DST-FIST/CHEMISTRY/2020 Period: 5Years No. 39820592642</p>	A/C	Dr. Parameswaran HOD Chemistry
217	<p>SERB - N-PDF - "Graphene - gold nanocluster conjugate with peptide aptamer as a sensor for early diagnosis of CVDs" Two Year National Post Doctoral Fellowship to Dr. Resmi V Nair, Lakshmi Nivas, Eanthivila, Cheeranikkara PO, Vembayam, Thiruvananthapuram Sanction Order No. PDF/2020/001274 dated 21.12.2020. Years. File. No NITC/DEAN (R&C)/SERB/PDF/RVN/NS/SMSE/2020. Bank Account No. 39961041242</p>	Period: 3 File. No NITC/DEAN Bank Account No.	Ms. Resmi V Nair Post Doctoral Fellow SMSE (Mentor - Dr. Sandhyarani)

218	<p>SERB Res. Project entitled "Development of 2D heterostructures based wear and corrosion resistant-coatings" Sanction Order No. CRG/2020/006153 dated 29.12.2020. Period: 3 Years. File. No NITC/DEAN (R&C)/SERB/SV/SMSE/2021. Bank Account No. 39961039639</p>	<p>Dr. Sajith V Assoc. Professor SMSE</p>
219	<p>SERB Res. Project entitled "Development of Aluminum - Cerium - Scandium Alloys for High Temperature Creep Applications and its Experimental Investigations" Sanction Order No. EEQ/2020/000306 dated 22.12.2020. Period: 3 Years. File. No NITC/DEAN (R&C)/SERB/SG/MED/2021. Bank Account No. 39961041945</p>	<p>Dr. Srinu Gangolu Asst. Professor MED</p>
220	<p>SERB Res. Project entitled "Development of a diagnostic tool for Cold Atmospheric Plasma" Sanction Order No. SRG/2020/002343 dated 27.10.2020. Period: 2 Years. File. No NITC/DEAN (R&C)/SERB/VA/ECED/2020. Bank Account No. 39972424277</p>	<p>Dr. Venu Anand, Asst. Professor, ECED</p>
221	<p>DEPARTMENT OF PHYSICS- DST-FIST Programme Sanction Order NO:SR/FST/PS-I/2019/113 (C). Dt.21.12.2020 File No. NITC/DEAN (R&C)/DST-FIST/PHYSICS/2021 Period: 5Years No. 39972423477</p>	<p>Dr. Aji A Anappara HOD Physics</p>
222	<p>SERB Res. Project entitled "Design and Synthesis of novel single-atom catalysts for C-C bond cleavage and C-C bond formation reactions" Sanction Order No. SRG/2020/002161 dated 27.11.2020. Period: 2 Years. File. No NITC/DEAN (R&C)/SERB/RD/CHY/2021. Bank Account No. 39975741077</p>	<p>Dr. Raju Dey Asst. professor Chemistry</p>

223	<p>SERB Res. Project entitled "Design and development of a deep learning based online-assistance system for psychologists by transforming patient transcripts to speech with emotions using text to speech synthesis" Sanction Order No. SRG/2020/001423 dated 27.10.2020. Period: 2 Years. (R&C)/SERB/JP/CSED/2021. File. No NITC/DEAN Bank Account No. 39972423874</p>	<p>Dr. Jay Prakash Asst. Professor CSED</p>
224	<p>SERB Res. Project entitled "Human Toll-Like Receptor 2-Selective Agonists : Design, Synthesis and Structure-Activity Relationship in Diverse Heterocyclic Scaffolds" Sanction Order No. EEQ/2020/000303 dated 01.10.2020. Period: 3 Years. File. No NITC/DEAN (R&C)/SERB/JB/CHY/2021. Bank Account No. 39975740517</p>	<p>Dr. Janardhan Banothu Asst. Professor Chemistry</p>
225	<p>SERB research project entitled "A Novel Regenerative Drive Train based on Doubly fed Poly Phase Synchronous reluctance motor with active power factor connection capability" Sanction Order No. SRG/2020/000843 dated 14-12-2020 Period: 2years File. No. NITC/DEAN(R&C)/SERB/SMP/EED/2021 Bank Account No. 40032780802</p>	<p>Dr. Shreelakshmi. M.P, Asst. Professor, Department of Electrical Engineering</p>
226	<p>KSCSTE Sanctioned TDAP student project Entitled "A self – monitored, Indirect,Mixed – Mode Type Drying Unit Suitable for Agro – Product Drying Applications with Fixed – Temperature – Range" Sanction Order No: Dated: Period: 1 Years File No. NITC/DEAN(R&C)/KSCSTE/TDAP/SJ/MED/2021</p>	<p>Shri. Arun K.Raj, Ph.D Research Scholar, as the PI and Dr. S. Jayaraj, Professor, MED as the Co-Investigator</p>

227	<p>CSIR - Grants-in-aid for scheme entitled "Design and Development of Solar PV Fed Efficient Universal Converter for V/F Drives in Smart Irrigation System". Sanction Order No. 22(0797)/19/EMR-II dated 24.07.2019. Period: 3 Years. File No. NITC/DEAN (R&C)/CSIR/KS/EED/2021 Bank Account No. 40108343879</p>	<p>Dr. Kumaravel. S, Asst. Professor, EED(PI)</p>
2021-22		
228	<p>SERB POWER Res. Project entitled "Interface Engineering of Rhenium Based Nano Heterstructures for enhanced hydrogen evolution reaction". Sanction Order No. SPF/2021/000008 dated 18.03.2021. Period: 3 Yearrs. File. No NITC/DEAN (R&C)/SERB/PF/NS/SMSE/2021. Bank Account No. 40136854519</p>	<p>Dr. N. Sandhyarani, Profesor, SMSE (Principal Investigator)</p>
229	<p>DST Project entitled "Non- invasive measurement and monitoring of pulmonary congestion". Sanction Order No. DST/TDT/DDP-32/2021© & (G) dated 18.05.2021 & 28.03.2021 Period: 2 Years. File No. NITC/DEAN (R&C)/DST/AA/ECED/2021. Bank Account No. 40246973460 No: 631402010015289 Union Bank A/c</p>	<p>Dr. Anup Aprem, Asst. Professor, Department of Electronics and Communication Engineering</p>
230	<p>DST INSPIRE Faculty Fellowship: Project under INSPIRE Faculty Fellowship- Ministry of Science & Technology, Department of Science & Technology. Offer Letter No. DST/INSPIRE/04/2020/002590 dated 13.07.2021 Sanction Order No. Period: 5 Years. Bank Account No. File No. NITC/DEAN (R&C)/DST-INSPIRE-FF/NSK/ECED/2021 A/c No: 40673159342</p>	<p><u>INSPIRE FACULTY:</u> Dr. Nujoom Sageer Karat <u>Co-ordinating Faculty:</u> Dr. Deepthi P P, Professor, ECED</p>

231	<p>Gravity Incorp Pvt Ltd Research Project entitled : "Sustainable landscape design guidelines: integrating ecology and aesthetics". (MoU along with Schedule-A) Sanction Order No. GRAVITY/ML/AB/2021-22/L-1 Dt. 03.07.2021 Period: 10 months File No. NITC/DEAN (R&C)/GRAVITY/ML/AB/DAP/2021 Account No. 40486597694</p>	<p>Dr. Anjana Bhagyanathan, Asst. Professor, Department of Architecture & Planning, NITC</p>
232	<p>DST INSPIRE Faculty Fellowship: Project under INSPIRE Faculty Fellowship- Ministry of Science & Technology, Department of Science & Technology. Offer Letter No. DST/INSPIRE/04/2020/001105 dated 13.07.2021 Sanction Order No. File Period: 5 Years. No. NITC/DEAN (R&C)/DST-INSPIRE-FS/PM/MKRV/PHY/2021 Bank Account No. 40716272486</p>	<p><u>INSPIRE FACULTY:</u> Dr. Pramitha M <u>Co-ordinating Faculty:</u> Dr.M.K.Ravi Varma, Professor, Department of Physics.</p>
233	<p>DRDO Project " Development of Spray Evaporation Technique for the Preperation of Uniform Microparticles of Ammonium Dinitramide and Surface Modification by Atomized Spray Coating Method" santion order :- NO.ARMREB/HEM/2021/241 dated 26.07.2021 duration : 2 Years File No. NITC/DEAN (R&C)/ARMREB/DRDO/AAV/CHY/2021 Bank Account No. 40486596952</p>	<p>Dr. Anuj A Vargeese Asst. Professor Department of Chemistry</p>
234	<p>DST (International Bilateral Cooperation Division) Research Project " Solar driven cogeneration of electricity and water in small rural communities" santion order :- DST/INT/South Africa/P-04/2021 dated 28.06.2021 duration : 3 Years File No. NITC/DEAN (R&C)/MST/DST/INT/SA/SCS/MED/2021 Bank Account No. 40393321018 Bom: 60431633888</p>	<p>Dr. Sujith Kumar C.S(PI) Assistant Professor MED</p>

235	<p>SERB Research Project entitled "Design and development of techniques and tools to build a simulation framework for performance evaluation of design of processors enhanced for virtualization". Sanction Order No. CRG/2020/003584 dated 30.07.2021. Period: 3 Years. File No. NITC/DEAN (R&C)/SERB/PC/CSED/2021. Bank Account No. 40447651763</p>	<p>Dr. Priya Chandran Professor CSED</p>
236	<p>CSR- HEFA Research Project entitled : "Computer aided diagnosis system for mammogram analysis based breast tumor classification". (MoU along with Schedule-A) Sanction Order No. SAN/CSR/03/2021-22 Period: 3 Months File No. NITC/DEAN (R&C)/CSR/HEFA/PS/ECED/2021 Bank Account No. 40587974862</p>	<p>Dr. Praveen Sankaran Asst. Professor ECED</p>
237	<p>CSR- HEFA Research Project entitled : "Development of a cost-effective and sustainable thermal insulation technique for retrofitting RCC roofs in warm humid climate". (MoU along with Schedule-A) Sanction Order No. SAN/CSR/02/2021-22 Period: 3 Months File No. NITC/DEAN (R&C)/CSR/HEFA/NMA/DAP/2021 Bank Account No. 40587974657</p>	<p>Dr. Naseer M A Professor DAP</p>
238	<p>DEPARTMENT OF CHEMICAL ENGINEERING- DST-FIST Programme Sanction Order NO:SR/FST/ET-I/2020/646 (C). Dt.05.03.2021 File No. NITC/DEAN (R&C)/DST-FIST/CHED/2021 Period: 5 Years A/C No. 40569757192</p>	<p>F I S T Dr.Aparna K, Assoc. Professor, CHED (Coordinator, NITC-CHED-FIST-2021 & Convenor)</p>

239	<p>DST - INSPIRE Fellowship under INSPIRE Programme to the Research Scholar (P200084MA), Department of Mathematics Sanction Order No. DST/INSPIRE Fellowship/2019/IF190613 dated 11.10.2021 Period: 5 Years. File. No. NITC/DEAN (R&C)/DST/INSPIRE-FELLOW/ DHIL/SM/MAT/2021 Bank Account No. 40569756904</p>	<p><u>Award of INSPIRE Fellowship</u> to Ms. Dhilshana, P200084MA, Research Scholar in Department of Mathematics <u>Co-</u> <u>ordinating Faculty:</u> Dr. Sunil Mathew, Asst. Professor, MAT</p>
240	<p>DST - INSPIRE Fellowship under INSPIRE Programme to the Research Scholar (P210004CY), Department of Chemistry Acceptance Letter No. DST/INSPIRE Fellowship/Sup. C/2020 dated 25.08.2021 Period: File. No. NITC/DEAN (R&C)/DST/INSPIRE-FELLOW/ JB/CHY/2021 Bank Account No. 40615978508</p>	<p><u>Award of INSPIRE Fellowship</u> to Mr. Munugala Chandrakanth, P210004CY, Ph. D Student in Department of Chemistry <u>Co-ordinating Faculty:</u> Dr. Janardhan Banothu, Asst. Professor, CHY</p>
241	<p>ARDB-DRDO Project " <i>Experimental Investigations and Electro- Thermal Modeling of Electrode Wear Compensation in Micro Electric Discharge Drilling of Super Alloys for Improving the Dimensional Accuracy and Functional Performance of Cooling Holes on Turbine Blades and Vanes</i>" Sanction order :-ARDB/01/2031939/M dated 06.11.2021 & 14.09.2021 duration : 2 Years File No. NITC/DEAN (R&C)/ARDB/DRDO/BK/MED/2021 Bank Account No. 40598344282</p>	<p>Dr. Basil Kuriachen Asst. Professor MED</p>

242	<p>SERB-ECR Research Project entitled : “Integrated Electro-Oxidation, electro–reduction and electro coagulation process of the degradation of ammoniacal nitrogen in the presence and absence of carbon based pollutants.” Sanction Order No: ECR/2018/001811 Dated: 04.10.2021 File No. NITC/DEAN (R&C)/SERB/ASTS/CED/2021 Bank Account No. 40615978734</p>	<p>Dr. Anantha Singh T S Assistant Professor, CED</p>
243	<p>SERB -TARE Project entitled "Application of Deep Learning Techniques for Impairment Mitigation in Next Generation Multiple Access Technologies" Sanction Order No.TAR/2021/000237 dated 03.12.2021. File No. NITC/DEAN (R&C)/SERB/TARE/BAO/SSM/ECED/2021. Duration: 3 Years. Bank Account No. 40826206030</p>	<p>Dr. Beena A.O, Asst. Professor, Department of Electronics, SAINTGITS College of Engineering, Kottayam under mentorship of Dr. Sameer S M, Professor, ECED</p>
244	<p>SERB -TARE Project entitled "Designing and fabrication of Metal - Organic" Sanction Order No.TAR/2021/000326 dated 02.12.2021. File No. NITC/DEAN (R&C)/SERB/TARE/ACP/NS/SMSE/2021. Duration: 3 Years. Bank Account No. 40884550845</p>	<p>Dr. Anjana C.P, Asst. Professor, Mar Athanasius College of Engineering, Kothamangalam under mentorship of Dr. N Sandhyarani Professor, SMSE</p>
245	<p>SERB -TARE Project entitled "Enhancing the Performance of solar collector using nanofluids" Sanction Order No.TAR/2021/000383 dated 02.12.2021. File No. NITC/DEAN (R&C)/SERB/TARE/MKR/SV/SMSE/2021. Duration: 3 Years. Bank Account No. 40836489311</p>	<p>Dr. Mrinal K.R, Asst. Professor, Department of Mechanical Engineering, National Institute of Engineering, Mysore, Karnataka under mentorship of Dr. Sajith V Assoc. Professor, SMSE</p>

246	<p>SERB Research Project entitled "Chemical Synthesis of filled low dimensional CoSb₃ skutterudites for thermoelectric devices with high figures of merit for IC engine - driven vehicles".</p> <p>Sanction Order No. SRG/2021/001182 dated 03.12.2021. Period: 2 Years. File No. NITC/DEAN (R&C)/SERB/AAV/CHY/2021.</p> <p>Bank Account No. 40688164264</p>	<p>Dr. Anuj A Vargeese Asst. Professor Department of Chemistry</p>
247	<p>SERB Research Project entitled "Stabilization of Compounds with Zero-valent Main-group Elements".</p> <p>Sanction Order No. CRG/2021/006939 dated 06.12.2021. Period: 3 Years. File No. NITC/DEAN (R&C)/SERB/PP/CHY/2021.</p> <p>Bank Account No. 40693897885</p>	<p>Dr. Parameswaran P Assoc. Professor Chemistry</p>
248	<p>SERB Research Project entitled "Supramolecular Rigid Aromatic Multifarene Scaffolds: Selective Recognition of Environmental Pollutants and Ligands for Asymmetric Catalysis".</p> <p>Sanction Order No. SRG/2021/002112 dated 03.12.2021. Period: 3 Years. File No. NITC/DEAN (R&C)/SERB/CASP/CHY/2021.</p> <p>Bank Account No. 40704583427</p>	<p>Dr.Chinna Ayya Swamy Asst. Professor Chemistry</p>
249	<p>SERB Research Project entitled "A Prototype for Drone based Intelligent Coconut Harvester: An Application to Artificial Intelligence (AI) and Internet of Things (IoT)".</p> <p>Sanction Order No. SRG/2021/001593 dated 16.12.2021. Period: 2 Years. File No. NITC/DEAN (R&C)/SERB/PD/CSED/2022.</p> <p>Bank Account No. 40716271992</p>	<p>Dr. Pranesh Das Asst. Professor CSED</p>
250	<p>SERB Research Project entitled "Acoustic Emissions from a Premixed Flame propagating in a Tubular Combustor".</p> <p>Sanction Order No. CRG/2021/007033 dated 23.12.2021. Period: 2 Years. File No. NITC/DEAN (R&C)/SERB/TJSJ/MED/2022.</p> <p>Bank Account No. 40740683723</p>	<p>Dr. T J Sarvothama Jothi Asst. Professor MED</p>

255	<p>SERB Research Project entitled "Development of an Adaptive Distance Relaying Scheme in a Low Inertia Power System with Hardware Realization". Sanction Order No. SRG/2021/002353 dated 04.01.2022. Period: 2 Years. File No. NITC/DEAN (R&C)/SERB/DM/EED/2022. Bank Account No. 40779308556</p>	<p>Dr. Deepak M, Professor Asst. EED</p>
256	<p>SERB Research Project entitled "Investigation of cross-talk of gene regulation of L-sorbose and galactose metabolism in Candida albicans". Sanction Order No. CRG/2021/000289 dated 04.01.2022. Period: 3 Years. File No. NITC/DEAN (R&C)/SERB/AK/SOBT/2022. Bank Account No. 40775884749</p>	<p>Dr. MD Anaul Kabir, Professor SOBT</p>
257	<p>ISRO RESPOND Project entitled "Development of a model for generation of High-resolution gridded population map" Sanction Order No. ISRO-RES/4/688/21-22 dated 22.12.2021. <u>Period: 3 Years.</u> File No. NITC/DEAN (R&C)/ISRO/RESPOND/BP/DAP/2022. Bank Account No. 40804478339</p>	<p>Dr. Bimal P, Professor, Asst. DAP</p>
258	<p>ISRO RESPOND Project entitled "Investigation of Solar Erupsions using Sub-photospheric Dynamics" Sanction Order No. ISRO-RES/2/437/21-22 dated 13.01.2022. Period: 3 Years. File No. NITC/DEAN (R&C)/ISRO/RESPOND/RA/PHY/2022. Bank Account No. 40796510675</p>	<p>Dr. Ram Ajour Maurya, Asst. Professor, PHY</p>

259	<p>Kerala State Pollution Control Board Project entitled "Modernization of Pollution Control System of Steel industries" Sanction Order No. PCB/PLKD/TG-361/2021 dated 25.01.2022. Period: 7 months. File No. NITC/DEAN (R&C)/KSPCB/AEV/CED/2022. Bank Account No. 40826202831</p>	<p>Dr. Aswathy E V CED Asst. Professor</p>
260	<p>SERB Research Project entitled "Towards solving a Trajectory Planning Problem for Unmanned Aerial Vehicles (UAVs) to a Computational Efficient Algorithm". Sanction Order No. MTR/2021/000217 dated 18.02.2022. Period: 3 Years. File No. NITC/DEAN (R&C)/SERB/ARKP/CSED/2022. Bank Account No. 40845926985</p>	<p>Dr. Arun Raj Kumar P, CSED Asst. Professor,</p>
261	<p>SERB Research Project entitled "Exploring the effect of Single and Bimetallic-Doped Graphene Oxide (GO) ,Microporous Architectural by Pool Boiling for High- Quality Steam Generation". Sanction Order No. EEQ/2021/000283 dated 21.02.2022. Period: 3 Years. File No. NITC/DEAN (R&C)/SERB/SD/CHED/2022. Bank Account No. 40845926102</p>	<p>Dr. Sudev Das CHED Asst. Professor</p>
262	<p>ISRO RESPOND Project entitled "Mechinability studies and development of a stable manufacturing technique for XH67MBTHO Nickel based super alloy for semi cryogenic engine applications" Sanction Order No. ISRO-RES/3/889/21-22 dated 01.12.2021. Period: <u>1 Year 6 month.</u> File No. NITC/DEAN (R&C)/ISRO/RESPOND/BK/MED/2022. Bank Account No. 40860542956</p>	<p>Dr. Basil Kuriachen Professor Asst. MED</p>

263	<p>SERB - Ramanujan Fellowship Scheme sanctioned to Dr. Blessen Skariah Thomas, Dept. of Civil Engineering Sanction Order No. RJF/2021/000060 dated 04.03.2022. Period: 5 Years. File No. NITC/DEAN (R&C)/SERB/RJF/BST/CED/2022. Bank Account No. 40860542480</p>	<p>Dr. Blessen Skariah Thomas Ramanujan Fellow CED (PI) Dr. J. Sudhakumar, Professor, CED (Mentor)</p>
264	<p>SERB Research Project entitled "Performance Enhancement of Ternary Organic Solar Cells using Charge Transfer and energy Transfer Synergistic Effects". Sanction Order No. CRG/2021/001795 dated 02.03.2022. Period: 3 Years. File No. NITC/DEAN (R&C)/SERB/VSR/PHY/2022. Bank Account No. 40860542707</p>	<p>Dr. Vari Sivaji Reddy Asst. Professor PHY</p>
265	<p>SERB Research Project entitled "Computational Modelling of Transition Metal Oxides as Electrochemical Catalysts". Sanction Order No. CRG/2021/002468 dated 03.03.2022. Period: 3 Years. File No. NITC/DEAN (R&C)/SERB/RC/PHY/2022. Bank Account No. 40860542253</p>	<p>Dr. Raghu Chathanathodi Professor PHY</p>
266	<p>SERB Research Project entitled " Design of Functional Main Group Organometallic Molecular Scaffolds: NIR Absorbing Excellent Material for Sensing, Transportation of Bio-inspired Anions, two photon Absorption and OLEDs" ". Sanction Order No. EEQ/2021/000180 dated 03.03.2022. Period: 3 Years. File No. NITC/DEAN (R&C)/SERB/EEQ/2021/000180/CASP/CHY/2022. Bank Account No. 40884549557</p>	<p>Dr.Chinna Ayya Swamy Asst. Professor Chemistry</p>

267	<p>SERB Research Project entitled " Investigations on Probabilistic Flood Forecasting Techniques using Medium - Range Numerical Weather Prediction (NWP) Ensembles for the Chaliyar River Basin, Kerala". Sanction Order No. CRG/2021/005893 dated 14.03.2022. Period: 3 Years. File No. NITC/DEAN (R&C)/SERB/CRG/SKD/CED/2022 Bank Account No. 40884550324</p>	<p>Dr. Sathish Kumar D Asst. Professor CED</p>
268	<p>British Council Going Global Exploratory grant from Oxford Brookes university File No. NITC/DEAN Period : 31.07.2022 (R&C)/BC/EG/OBU/AA/ECED/2022 Bank Account No. Institute A/c No.35981271500</p>	<p>Dr. Anup Aprem, Asst. Professor, ECED</p>
269	<p>MoU : Inter institute research sub-contrac between NITC and the University of Liverpool, UK File No. NITC/DEAN (R&C)/2021-22/042/ULP/DAP/RR/MF Bank Account No.</p>	<p>Dr. Mohammed Firoz & Dr. Ritesh Ranjan Asst. Professor (s) DAP</p>
270	<p>DST - INSPIRE Fellowship under INSPIRE Programe to the Research Scholar (P200084MA), Department of Chemistry Sanction Order No. DST/INSPIRE Fellowship/IF190991 dated 25.03.2022 Period: 5 Years. File. No. NITC/DEAN (R&C)/DST/INSPIRE-FELLOW/ SV/AAV/CHY/2022 Bank Account No. 41140983562</p>	<p><u>Award of INSPIRE Fellowship</u> to Ms. Sarika V, P210007CY, Research Scholar in Department of Chemistry <u>Co-</u> <u>ordinating Faculty:</u> _____Dr. Anuj A Vargeese Asst. Professor Department of Chemistry</p>
271	<p>School of Materials Science and Engineering- DST-FIST Programme Sanction Order NO:SR/FST/ET-I/2021/840 (C). Dt.25.03.2022 File No. NITC/DEAN (R&C)/DST-FIST/SMSE/2022 Period: 5Years A/C No. 40977520226 (SBI) BOM: 60418123750 (New)</p>	<p>HOD (Dr. Soney Varghese, Assoc. Professor) SMSE</p>

C.11	Consultancy Project entitled “ <i>Development of a Framework for Estimating the Mineable Sand in Rivers with Specific Reference to the Chaliyar River</i> ”	DR. SANTOSH G THAMPI CED
272	UGC-DAE Project " <i>Development of novel methodology to deposit Micro/Nano secondary phase (Composite coatings) through Electrical Discharge to improve the surface tribology of Ti6Al4V</i> " Santion order :-CRS/2021-22/04/636 dated 30.03.2022 duration : 1Year File No. NITC/DEAN (R&C)/UGC-DAE/CSR/BK/MED/2022 Bank Account No. Nil	Dr. Basil Kuriachen Professor Asst. MED

2022-23

273	Chief Ministers NavaKerala Postdoctoral (CMNP) Fellowship by the Kerala Higher Education Council (KSHEC)- Two Year Approval Ltr No. KSHEC-A3/344/Govt. Kerala-NKPDF/2022 dated 01.06.2022 File No. NITC/DEAN (R&C)/NKPDF/CMNP/KSHEC/JNP-SGT/CED/2022. Bank Account No.	NKPDF - Mentor Dr. Jesiya N P, Dr. Santosh G Thambi, Professor,CED.
274	Chief Ministers NavaKerala Postdoctoral (CMNP) Fellowship by the Kerala Higher Education Council (KSHEC)- Two Year Approval Ltr No. KSHEC-A3/344/Govt. Kerala-NKPDF/2022 dated 01.06.2022 File No. NITC/DEAN (R&C)/NKPDF/CMNP/KSHEC/MM- MKRV/PHY/2022. Bank Account No.	NKPDF - M, Dr. M.K.Ravi Varma, Professor, Physics. Dr. Muhsin Mentor

275	<p>C-electric Pvt Ltd Research Project entitled : "Electrically excited Synchronous machine - EESM" Sanction Order No. 22/05/001 Dt. 24.05.2022 Period: 9 months File No. NITC/DEAN (R&C)/C-ELECTRIC/NS/EED/2022 Account No. 41170543796</p>	<p>Dr. Nikhil Sasidharan, Asst. Professor, EED (PI) <u>CO-PI</u> Dr. Shreelakshmi M P Asst. Professor, EED Dr. Jagadanand G Assoc. Professor, EED</p>
276	<p>Contract for Acquisition of Research Services (CARS) Project entitled "Modeling, Simulation & design of Mg/H2O Seawater Batteries Using Cost Effective Cathodic Materials" Sanction Order No. NPOL/22CR0017/MS&D/GN/LP Dt. 30.03.2022 Period: 12 months File No. NITC/DEAN (R&C)/2022-23/004/CARS-DRDO/CHED/FF Account No. 41204898778</p>	<p>Dr. Fathima Fasmin Asst. Professor CHED</p>
277	<p>SERB Research Project entitled "Mxene/Polymer Nanocomposites for Self - Powering Wearable Sensors and Devices" . Sanction Order No. SPG/2021/004078 dated 07.07.2022. Period: 3 Years. File No. NITC/DEAN (R&C)/SERB/MMM/CHY/2022. Bank Account No. 41167736546</p>	<p>Dr. Minimol Menampambath, Asst. Professor, Chemistry (PI)</p>
278	<p>SERB Research Project entitled "Design of gC3N4/CoN4 Nanohybrids as a Quantum Computing Material with Simultaneous Catalytic Activity and Sensing Ability" . Sanction Order No. SPG/2021/004752 dated 08.08.2022. Period: 3 Years. File No. NITC/DEAN (R&C)/2022-23/006/SERB/CHY/MC. Bank Account No. 41242499778</p>	<p>Dr. Mausumi Chattopadhyaya Asst. Professor CHY</p>

279	<p>Kerala Highway Research Institute (KHRI) Research Project entitled "Development of Ultra- High-Performance Ceconetes (UHPCs) for Road/Bridge Infrastructure in Urban Areas" .</p> <p>Sanction Order No. KHRI/CoE/38/2022 Period: 2 Years.</p> <p>File No. NITC/DEAN (R&C)/2022-23/007/KHRI/CED/JK</p> <p>Bank Account No. 41383694122</p>	<p>Dr. Jayachandran K Asst. Professor</p> <p style="text-align: center;">CED</p>
280	<p>DST INSPIRE Faculty Fellowship: Project under INSPIRE Faculty Fellowship- Ministry of Science & Technology, Department of Science & Technology.</p> <p>Offer Letter No. DST/INSPIRE/04/2021/003677 dated 05.07.2022</p> <p>Sanction Order No.</p> <p>Period: 5 Years.</p> <p>File No. NITC/DEAN (R&C)/2022-23/008/DST-INSPIRE-FY/PHY/PMS/MC</p> <p>A/c No: 60428661855 (BOM)</p>	<p><u>INSPIRE FACULTY:</u> Dr. P Muhammed</p> <p style="text-align: center;">Shafi <u>Co-ordinating Faculty:</u></p> <p>Dr. Maneesh Chandran, Asst. Professor,</p> <p style="text-align: center;">PHY</p>
281	<p>Execution of the Project under "Visvesvaraya Ph.D. Scheme for Electronics and IT: Phase-II" at NIT CALICUT. Period: 5 Years</p> <p>File No. NITC/DEAN(R&C)/2022-23/009/VISVESVARAYA Ph.D SCHEME</p> <p>Account No:</p>	<p style="text-align: center;">VISVESWARAYA Ph.D. SCHEME -</p> <p style="text-align: center;">Implementing agency: NIT CALICUT</p>
282	<p>DST (WOS-A) Research Project "Investigation of Heusler alloys for spintronics applications" - 3 Years.</p> <p>No. DST/WOS-A/PM-42/2021 dated 01.08.2022. Sanction Order</p> <p>(R&C)/22022-23/010/DST-WOS-A/PHY/MH/RC File No. NITC/DEAN</p> <p style="text-align: right;">Bank Account No.</p> <p>60422019357 (BOM)</p>	<p>Dr. Madhumita Haldar (Principal Investigator) &</p> <p>Dr. Raghu Chathanathodi, Professor, PHY</p> <p style="text-align: center;">(Mentor)</p>

283	<p>IIT Guwahati Technology Innovation and Development Foundation Project entitled "Experimental Investigations into the effect of reinforcement particles on the tribological and corrosion properties of marine grade AA5052 aluminium alloy joints through FSW and Development of suitable attachments" Sanction Order No. TIH/TD/0104 dated 27.01.2022. File No. NITC/DEAN (R&C)/2022-23/011/TIH-IITG/MED/BK. Bank Account No. 41342316012</p>	<p>Dr. Basil Kuriachen Professor</p> <p>Asst. MED</p>
284	<p>SERB IMPRINT Research Project entitled "Development of low-cost Induction Melted Liquid Metal Additive Manufacturing Machine (IMMAMM) with Numerical and Experimental Investigations. Sanction Order No. IMCD/2020/000031 Dated File No. NITC/DEAN (R&C)/2022-23/012/SERB-IMPRINT/MED/BK. Bank Account No. 41353205604</p>	<p>Dr. Basil Kuriachen Professor</p> <p>Asst. MED</p>
285	<p>DRDO-Contract for Acquisition of Research Services (CARS) Project entitled "Development of high temperature substrate for RF circuit applications" Sanction Order No. ASL/31/21/4051/CARS/079 Dt. 17.05.2022 Period: File No. NITC/DEAN (R&C)/2022-23/013/DRDO-ASL/MED/MKP Account No. 41342315177</p>	<p>Dr. Murali KP MED</p> <p>Assoc. Professor</p>
286	<p>Indo-French Centre for the Promotion of Advanced Research (IFCPAR) - Centre Franco-Indien Pour La Promotion De La Recherche Avancee (CEFIPRA) for CSR Project "Perovskite Single Crystalline Solar Cells" File No. NITC/DEAN (R&C)/2022-23/014/CEFIPRA/PHY/PP Account No. 41401655390</p>	<p>Dr. Predeep P Physics</p> <p>Professor</p>

287	<p>SERB SIRE Research Project entitled "Microstructural, mechanical and war behaviour of additively manufactured titanium and stainless steel: An investigation into the effect of build orientation and heat treatment". Sanction Order No. SIR/2022/000383 Dated 22.09.2022 Duration : 6 months File No. NITC/DEAN (R&C)/2022-23/015/SERB-SIRE/MED/BK Bank Account No. 41401654498</p>	<p>Dr. Basil Kuriachen Asst. Professor MED</p>
288	<p>Ministry of Electronics and Information Technology Research Project entitled "Capacity building for human resource development in Unmanned Aircraft System (Drone and related Technology)". Sanction Order No.L-14011/29/2021-HRD Dated 11.07.2022 Duration : 3 years File No. NITC/DEAN (R&C)/2022-23/016/MeitY/MED/GKK Bank Account No. 265405001046 (ICICI)</p>	<p>Dr. Gangadhara Kiran Kumar L Asst. Professor MED</p>
289	<p>National Board for Higher Mathematics (NBHM) Department of Atomic Energy Research Project entitled "Integral Points on Dynamical Systems". Sanction Order No. 02011/16/2022 Dated 04.11.2022 Duration : 6 months File No. NITC/DEAN (R&C)/2022-23/017/NBHM/MAT/SSR Bank Account No.</p>	<p>Dr. Sudhansu Sekhar Rout Asst. Professor MAT</p>
290	<p>KSCSTE Project "Sustainability assessment of Inland Water Transport: A case study of Kerala" (Sanctioned by KSCSTE) Sanction Order No. (P) 296/2022/KSCSTE dt.07-11-2022. Period: 3 years File No: NITC/DEAN(R&C)/2022-23/018/KSCSTE/CED/YVN A/C.No.</p>	<p>Dr. Yogeshwar V Navandar, Asst. Professor, CED</p>

291	<p>KSCSTE Project “Investigations on the uncertainties in the reservoir inflow and flood forecasts based on Numerical Weather Predictions (NWP) precipitation forecasts” Sanction Order No. (P) 295/2022/KSCSTE dt.07-11-2022. Period: 3 years File No: NITC/DEAN(R&C)/2022-23/019/KSCSTE/CED/SKD A/C.No 41560682080</p>	<p>Dr. Sathish Kumar D Asst. Professor CED</p>
292	<p>SERB Research Project entitled "Fractal Order non-local Variational Regularization Models and their Applications in Image processing". Sanction Order No. MTR/2021/000166 Dated 17.02.2022 Duration : 3 Years File No. NITC/DEAN (R&C)/2022-23/020/SERB/ECED/BAA Bank Account No. 41575713705</p>	<p>Dr. Bini A A Asst. Professor ECED</p>
293	<p>KSCSTE- ETP Project “Investigations on Valorisation of Coffee Husk through Slow Pyrolysis and Fluidized Bed Gasification” Sanction Order No. (P) 297/2022/KSCSTE dt.09-11-2022. Period: 3 years File No: NITC/DEAN(R&C)/2022-23/021/KSCSTE/MED/AP A/C.No. 41575713308</p>	<p>Dr Arun P Assoc. Professor MED</p>
294	<p>KSCSTE- ETP Project “Synthesis and Processing of Aluminium Alloy 7075 and Hybrid Composite Developed by Powder Metallurgy Method and Study of Material Characterization, Mechanical Properties and Corrosion behaviour for Aerospace Application” Sanction Order No. (P) 297/2022/KSCSTE dt.09-11-2022. Period: 3 years File No: NITC/DEAN(R&C)/2022-23/021/KSCSTE/MED/AP A/C.No. 41575712441</p>	<p>Dr K Sekar Assoc. Professor MED</p>

295	<p>Indian Knowledge Systems Division of MOE @ AICTE Research Project entitled : "Indian Knowledge Systems approach to deep ecology: Integrating sacred geography and sustainability" Sanction Order No. Dtd. Period: 2 Years File No. NITC/DEAN (R&C)/2022-23/023/IKSD-AICTE/DAP/AB Account No.</p>	<p>Dr. Anjana Bhagyanathan, Asst. Professor, DAP</p>
296	<p>SERB - N-PDF - <u>Two Year</u> National Post Doctoral Fellowship to Ms. Shahnaz Sultana Rohman, Research Scholar, Cotton University, Assam Approval Letter No. PDF/2022/003034 dated 01.11.2022 File No. NITC/DEAN (R&C)/2022-23/024/SERB-NPDF/CHY/PP Bank Account No.</p>	<p><u>NPDF</u> - Ms. Shahnaz Sultana Rohman, Research Scholar, Cotton University, Assam <u>Mentor</u> Dr. Parameswaran P, Professor, Chemistry.</p>
297	<p>SERB- CRG Research Project entitled "Investigations on the alteration in brain dynamics during progression of Alzheimer Disease (AD) from Mild Cognitive Impairment (MCI) under resting and cognitive task conditions using complex network analysis" Sanction Order No. CRG/2022/003247 Dated 22.12.2022 File No. NITC/DEAN (R&C)/2022-23/025/SERB-CRG/EED/SDP. Bank Account No.</p>	<p>Dr. Subha D P Assoc. Professor EED</p>
298	<p>SERB- CRG Research Project entitled "A study on the zero multiplicity and S-units in recurrence sequences" Sanction Order No. CRG/2022/000268 Dated 09.01.2023 File No. NITC/DEAN (R&C)/2022-23/026/SERB-CRG/MAT/SSR Bank Account No.</p>	<p>Dr. Sudhansu Sekhar Rout Asst. Professor MAT</p>
299	<p>KSCSTE- Young Scientist Project grant entitled "Extraction of colloidal particles from dilute suspensions based on controlled droplet impact" Sanction Order No. (P) 295/2021/KSCSTE dt.23-01-2023. Period: 3 years File No: NITC/DEAN(R&C)/2022-23/027/KSCSTE-KSYSA/PHY/SNV A/C.No.</p>	<p>Dr. Subramanian Namboodiri Varanakkot, Asst. Professor, Physics</p>