

| | Institute Name : S.R.M Institute of Science and Technology | | | | | | | | |
|----------------|---|---|----------------------------------|---|---------------------------|-----------------|-------------------------|-------------------------------|---|
| | India Rankings 2017 ID : IR17-ENGG-2-1-596 | | | | | | | | |
| | Discipline : Engineering | | | | | | | | |
| | Sponsored Research Projects | | | | | | | | |
| Financial Year | S. No | Name of the Faculty (Principal Investigator) | Name of the Funding agency | Title of the Project | Sanctioned order no. | Sanctioned date | Amount Received Date | Amount Received(In Rupees) | Amount received in words in Rupees |
| | 1 | Dr.R.A.Nazeer Depratment of Biotechnology | DBT | Radical scavenging activity of Antioxidant Peptides from mantels of three Marine Cephalopods | BT/PR3455/AAQ/3/570/2011 | 5/8/2014 | 26.06.2015 | 497206 | Four lakhs ninety seven thousand two hundred six |
| | 2 | Dr.B.Neppolian, Research Professor | SERB-DST | Electroactive Graphene-Metal (Oxide) Composites: Scalability for Fuel and solar cell application | SERB/F/1822/2012-13 | 10/9/2015 | 20.08.2015 | 300000 | Three lakhs |
| | 3 | Dr. M. Parani Dr. M. Ramya Dr.K.Ilango | ICMR | Isolation of the active compounds form the plant extracts that were identified to be effective against NDM1 positive bacteria | AMR/22/2011-ECD-1 | 21/02/2015 | 15.06.2015 | 393583 | Three lakhs ninety three thousand five hundred eighty three |
| | 4 | Dr.Jesu Arockia Raj Biotechnology (FS/H) | SERB-DST | Molecular and proteomic identification of immune related genes in fresh water prawn Macrobrachium rosenbergii | NO/SR/FT/LS-140/2011 | Jun-12 | 18.06.2015 | 194525 | One lakh ninety four thousand five hundred twenty five |
| | 5 | Dr.M.Ramya Dept. of Genetic Engineering | SERB-DST | Concurrent production of acetone, butanol and ethanol by inactivation of acidogenesis pathway in Clostridium acetobutylicum ATCC 824-a marker | SB/FT/LS-294/2012 | 6/6/2013 | 31.03.2015 | 400000 | Four lakhs |
| | 6 | Dr.Jesu Arockia Raj Biotechnology (FS/H) | DBT | CDNA Profiling in targeting novel immune related genes in epizootic ulcerative syndrome (EUS) infected striped murrel Channa striatus | NO/BT/RLF/REENTRY/27/2011 | 08.07.2014 | 28.08.2015 | 1585000 | Fifteen lakhs eighty five thousand |

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| 7 | Mrs. M. Pandima Devi Dr. Kantha D. Arunachalam, Department of Biotechnology | BRNS | Evaluation of vetiver for uptake and immobilization of uranium and residual radionuclides in mill tailings soil and post | 2008/36/82-BRNS | Feb-09 | 06.07.2015 | 479200 | Four lakhs seventy nine thousand two hundred |
| 8 | Dr.K.M.Ramkumar SRM Research Institute | SERB-DST | A cell based system for high throughput screening of Nrf2 activators and its role in protecting pancreatic beta-cell apoptosis | SERB/F/2923/2013-14 | 12/8/2013 | 11.09.2015 | 650000 | Six lakhs fifty thousand |
| 9 | Dr. T.V. Lakshmikumar Department of Physics | ISRO-ARFI | Studies of Characteristics of Aerosols over Chennai | SPL-GBP-ARFI:36-JULY 19 2010 | Jul-10 | 09.09.2015 | 500000 | Five lakhs |
| 10 | Ms.Mangala Gowry Computer Science and Engineering | NIXI | SRM Search Engine | NIXI/SRM/SE | 1/9/2013 | | 35990 | Thirty five thousand nine hundred ninety |
| 11 | Prof.D.Narayana Rao Director (Research) | ISRO | Investigation of Low Level Monsoon Inversion over Western Arabian sea from INSAT-3D observations | ISRO/INSAT-3D/SRM | Sep-11 | 28.08.2015 | 400000 | Four lakhs |
| 12 | Dr. Ritesh Kumar Dubey SRM Research Institute | SERB | High order accurate total variation stable schemes for discontinuous flow problems | SR/FTP/15/2011 | 1/7/2014 | 01.03.2016 | 400000 | Four lakhs |
| 13 | Dr.Arijit Sen SRM Research Institute | DST | Investigation and analysis of nonequilibrium quantum transport and magnetization dynamics in molecular nanoelectronic devices with optimized electrode topology | SR/NM/NS-1062/2012 | 22/11/2013 | 31.03.2015 | 950000 | Nine lakhs fifty thousand |
| 14 | Dr.Ranjith Thapa SRM Research Institute | SERB | Dioxigen reduction using low dimensional materials in the energy generation/storage device: first principle study | SERB/F/7447/2013-14 | 21/02/2014 | 20.08.2015 | 350000 | Three lakhs fifty thousand |

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| 15 | Dr.Koustov Ganguly SRM Research institute | SERB-DST | Comparison of lung developmental genetics among mouse strains with extremely divergent lung function | SERB/F/5562/2013-14 | 3/6/2014 | 24.06.2015 | 700000 | Seven lakhs |
| 16 | Dr.K.A.Athmaselvi Dept.of Food Process Engineering | Adiitya Birla Chemicals Ltd | Determine the efficiency of sulphite preservative in different food products | SRM/CUB/R/2014 | 24/12/2013 | 07.12.2015 | 252700 | Two lakhs fifty two thousand seven hundred |
| 17 | Dr.E.Berla Thangam Depratment of Biotechnology | DBT | Targetting Histamine H4 Receptor for the development of new antihistamines | BT/PR3230/BRB/10/965/2011 | Aug-12 | 20.07.2015 | 575178 | Five lakhs seventy five thousand one hundred seventy eight |
| 18 | Dr. N.P. Rajamane CACR | DST | Development of High Temperature Resistant Geopolymeric Composited | DST/TGS/STS/2012/20 | 27/03/201 | 11.08.2015 | 381200 | Three lakhs eighty one thousand two hundred |
| 19 | Dr.B.Anand Kakade SRM Research Institute | SERB | Systematic development of electrocatalysts for plolymer electrolyte membrane fuel cells | SERB/F/813/2014 | 23/05/2014 | 05.08.2015 | 230000 | Two lakhs thirty thousand |
| 20 | Dr.G.S.Vinod Kumar SRM Research Institute | DRDO | Stabilization mechanisms in aluminium foams containing solid particles | DNRD/05/4003/NRB317 | 27/06/2014 | 04.02.2016 | 476723 | Four lakhs seventy six thousand seven hundred twenty three |
| 21 | Dr. N. Selvamurugan School of Bioengineering | CSIR | A Novel Hydrogel Contaning Zinc Doped Chitosan/Nano Hydroxyapatite/b-Glycerophosphate for Bone Tissue | 37(1574)12/EMR-11 | Jan-13 | 09.09.2015 | 317038 | Three lakhs seventeen thousand thirty eight |
| 22 | Dr.Paromita Chakraborty SRM Research Institute | SERB-DST | Atmospheric eMISSION and Risk Assesment of Polychlorinated Biphenyls, Dioxins and Furans during the Electronic waste Recycling | SERB/SR/FTP/44/2012 | 16/06/2014 | 13.07.2015 | 800000 | Eight lakhs |

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| 23 | Dr.S.Lavanya SRM Research Institute | DST | Adifferent perspective of Spectral Graph theory in the structural charachterization of network | SB/FTP/MS-050/2013 | 10/7/2014 | 21.12.2015 | 350000 | Three lakhs fifty thousand |
| 24 | Dr.S.Periyar Selvam Food Processing Engineering | DST Ind-South Africa Project | Developing environmental friendly packaging materials with essential oil to control the postharvest diseases in mango | DST/INT/P-07/2014 | 20/06/2014 | 11.12.2015 | 786000 | Seven lakhs eighty six thousand |
| 25 | Dr.R.A.Nazeer, Biotechnology | SERB-DST | Angiotensin converting enzyme inhibitory (ACEI) peptides from two squilla species | SB/YS/LS-328/2013 | 5/8/2014 | 15.06.2015 | 350000 | Three lakhs fifty thousand |
| 26 | Dr.M.Sasidharan SRM Research Institute | SERB-DST | Advanced materials for hydrogen release/storage on biomas-derivatives | SB/S1/PC-043/2013 | 30/05/2014 | 12.10.2015 | 500000 | Five lakhs |
| 27 | Dr.M.Sasidharan SRM Research Institute | DST Nano Mission | Polymer Graphite Nitride semiconductor nanomaterials for next generation Lithium Ion rechargeable batteries: Characterization, Device fabrication and testing | SB/S1/PC-043/2013 | 10/3/2014 | 07.09.2015 | 500000 | Five lakhs |
| 28 | Dr. N. Selvamurugan Dept.of Biotechnology | CSIR | In vitro and In vivo Role of Biocomposite Scaffolds for Bone Tissue Engineering | 60(0110)/13/EMR-II | 17/12/2013 | 12.11.2015 | 521644 | Five lakhs twenty one thousand six hundred forty four |
| 29 | Dr. N. Selvamurugan Biotechnology | SERB-DST | Regulation of Runx2,a Bone transcription factor by transforming growth factor B1 for matrix Metallproteinase13 expression in Osteoblastic cells | SERB/F/8629/2014/15 | 2/9/2014 | 11.12.2015 | 1000000 | Ten lakhs |
| 30 | Dr.R.Sivakumar Civil Engineering | DST | Urbanization impact on hydrology of Pondicherry Region at micro watershed level through integrated Geological and Geoinformatics studies | NRDMB/11/3042/14 | 29/09/2014 | 22.02.2016 | 600000 | Six lakhs |

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| 31 | Dr.M.Vairamani Dean, Bioengineering | DBT | Partnership Platform for Contemporary research services and skill development in advance Life science Technologies | BT/PR12987/2015 | 30/09/2015 | 16.10.2015 | 46375000 | Four hundred sixty three lakhs seventy five thousand |
| 32 | Dr.A.Karthigeyan Department of Physics and Nanotechnology | SERB-DST | Carbon Nanostructures based Hydrogen Storage System for Fuel Cells | SB/S2/CMP-073/201/2015 | 11/8/2013 | 21.09.2015 | 4300000 | Forty three lakhs |
| 33 | Dr.S.Venkataprasad Bhat Research Institute | SERB-DST | Solution processed CZTZ TiO2 hetero junction for solar energy conversion | ECR/2015/000513 | 11/3/2016 | 31.03.2016 | 1671333 | Sixteen lakhs seventy one thousand three hundred thirty three |
| 34 | Dr.S.Magesh Dept. of IT | DRDO | Leveraging Cloud Exclusively Owned by Defense Military Sensor Network Applications | CARS-0343 | 28/04/2015 | 28.09.2015 | 354128 | Three lakhs fifty four thousand one hundred twenty eight |
| 35 | Dr.B.Neppolian, Research Professor | SERB-DST | Electroactive Graphene- Metal (Oxide) Composites: Scalability for fuel and solar cell applications | SERB/F/1822/2012-13 | Jun-12 | 03.11.2015 | 1160000 | Eleven lakhs sixty thousand |
| 36 | Dr.B.Neppolian, Research Professor | Ministry of New and Renewable Energy | Design and Development of Solar light driven Graphene based mixed oxide photo catalysis for efficient production H2 Solar fuel | 103/239/2015-NT | 31/12/2015 | 21.03.2016 | 2600000 | Twenty six lakhs |
| 37 | Dr.T.V.Lakshmi Kumar Dept. of Physics | SERB-DST | Studies on moisture recycling and atmospheric residence times over India and its adjoining oceans | SB/S4/AS-166 | 4/6/2015 | 05.08.2015 | 967000 | Nine lakhs sixty seven thousand |
| 38 | Dr,Kantha Deivi Arunachalam CENR | UGC-DAE Consortium for Scientific Research | Characterization of phyiochemical mediated novel nano scaffold wound dressing | CSR/KN/CRS-70-2015 | 13/11/2015 | 30.01.2016 | 263400 | Two lakhs sixty three thousand four hundred |

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| 39 | Dr.M.Vairamani Dean, School of Bioengineering | DBT | A rapid non-invasive urinary test for the detection of Obstructive Uropathy | BT/MB/INDO-US/LCMD/2014 | 26/11/2015 | 12.01.2016 | 2635850 | Twenty six lakhs thirty five thousand eight hundred fifty |
| 40 | Dr. Habeeb SKM | SERB-DST | Comparative resistance study to identify molecular markers for the control of dusky cotton bug oxycareus laetus Kirby (Hemipters: Lygaeidae) across habitats using mitochondrial DNA and transcriptomics approaches | YSS/2014/293 | 3/7/2015 | 01.03.2016 | 1300000 | Thirteen lakhs |
| 41 | Dr.K.T.Iyakutty Dept. of Physics and Nanotechnology | Naval Research Global, USA | Identification and standardization of defect induced process for improving the Photovoltaic (PV) efficiency of Solar Grade Silicon | N62909-15-1-2035 | 15/07/2015 | 07.10.2015 | 2301465 | Twenty three lakhs one thousand four hundred sixty five |
| 42 | Dr.Mani Ganeshpandian Department of Chemistry | SERB-DST | Gold Nanopartices with suitable Functionalization A versatile platform for targeted intracellur delivery of organometallic Ru-arene Anticancer Agent | YSS/2015 | 11/1/2016 | 31.03.2016 | 1024166 | Ten lakhs twenty four thousand one hundred sixty six |
| 43 | Prof.D.Narayana Rao, Director(Research) | Ministry of Earth Sciences | Implementation of the Establishment of ESTC (Satellite Metrology) for network project on Satellite Metrology of Atmosheric sciences | MoES/11/MRDF/2/NEW ESTC/2013PC-III | 20/03/2015 | 15.06.2015 | 9360000 | Ninety three lakhs sixty thousand |
| 44 | Dr. Revathi Venkataraman Department of CSE | SERB-DST | Estimation of Soil Moisture in Agricultural Lands using Wireless sensor Network | EMR/2015/001046 | 14/01/2016 | 11.02.2016 | 3180000 | Thirty one lakhs eighty thousand |
| 45 | Dr.B.Neppolian, Research Professor | SERB-DST | New method of effiiently degarding organic compounds by sonophotocalysis using sunlight with graphene and metal oxide composites | SERB/F/3975/2015 | 31/12/2015 | 31.03.2016 | 1650000 | Sixteen lakhs fifty thousand |
| 46 | Dr. Helen Annal Therese Nanotechnology Research Centre | SERB-DST | Transition Metal dichalcogenide(MX ₂ ; M=Mo, W, V & X = S or Se) and carbon nanocomposites as an effective electrode material for Lithium-Ion batteries | SBRB/F/4716/2015 | 23/09/2015 | 27.11.2015 | 2775000 | Twenty seven lakhs seventy five thousand |

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| 47 | Dr. S. Anandha Kumar Research Institute | SERB-DST | Novel Stimuli responsive Poly (2- Oxazoline)s Tannic Acid Multilayer Thin Films and Capsules for Drug Delivery Allications | SERB/F/6867 | 1/1/2016 | 04.02.2016 | 900666 | Nine lakhs six hundred sixty six |
| 48 | Dr.S.Harinipriya SRM Research Institute | SERB-DST | Low grade waste heat to electricity - Thermocells | SERB/F/3071/2015-16 | 19/08/2015 | 29.09.2015 | 2900000 | Twenty nine lakhs |
| 49 | Dr.K.M.Ramkumar Research Institute | ICMR | Study on the effect of Gymnema montanum on Endothelial Dysfunction in experimental Diabetes | 59/57/BMS/TRM | 23/02/2015 | 01.07.2015 | 56330 | Fifty six thousand three hundred thirty |
| 50 | Dr.Baburaj Baskar Department of Chemical engineering | SERB-DST | Syntheses of Quinolizidine and pyrrolizidine, Derivatives App synthesis Natural product | SB/FT/CS-082/2014 | 18/07/2015 | 23.09.2015 | 1100000 | Eleven lakhs |
| 51 | Dr.Sanjay Kumar Mehta Research Institute | SERB-DST | Investigation of physical and chemical characteristics of the Tropical Tropopause layer(TTL) in climate change perspective | EMR/2015/000525 | 2/3/2016 | 24.03.2016 | 910000 | Nine lakhs ten thousand |
| 52 | Dr.N.Purusothaman Dept of Genetic Engg | DBT | Complete chloroplast genome sequencing and transcripts analysis | BT/PR6394/GDB/27/422/2012 | 18-Jul-13 | 18.12.2015 | 616200 | Six lakhs sixteen thousand two hundred |
| 53 | Dr.Iyakutti Dept of Physics and Nanotechnology | CSIR | Emeritus Scientist Scheme Investigation of Functionalized Nanostructured Carbon Nanomaterials | 21(755)/09/EMR-11 | Mar-13 | 31.03.2015 | 26462 | Twenty six thousand four hundred sixty two |
| 54 | Dr.RC Sathish Kumar Public Health | Redhill Herbals | Clinical study to evaluate the efficacy of Arborium Plus ayurvedic formulation | RH/SRMIST/HS-003 | Jun-15 | 05.05.2015, 23.09.2015 | 110000 | One lakh ten thousand |

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| 55 | Dr.Bharathi Dept of Biotechnology | Systasy Bioscience GmbH & Ludwig Maximilian University. | Services towards Development of EXT sensors (Collaborative Research Project Ludwig Maximilian University& Systasy Bioscience GmbH, Germany) . | SRM –LMU –CRP2015 | 11.05.15 | 14.07.2015 | 357146 | Three lakhs fifty seven thousand one hundred forty six | |
| 56 | DR. KIRAN KUMAR SANTHA KUMAR DEPT OF GENETIC | SERB | A zebrafish model to charaterize FH mediated renall cell carcinoma | YSS/2014/000017 | Dec-15 | 04.02.2016 | 1500000 | Fifteen lakhs | |
| 57 | DR. ANIL K SURESH RESEARCH INSTITUTUE | DBT | Nanobiotics direct removal | RLF/14-2012 | Mar-12 | 11.02.2016 | 715870 | Seven lakhs fifteen thousand eight hundred seventy | |
| 58 | DR. S. KIRAN KUMAR DEPT OF GENETIC | DBT | Developing a Zebra fish model to characterize SDH Mediated Tumorigenesis | 6242- P16/RGCB/PMD/DBT/SKKR/2015 | Jul-15 | 09.12.2015 | 1296000 | Twelve lakhs ninety six thousand | |
| 59 | Dr. Ritesh Kumar Dubey SRM Research Institute | SERB | Molecular and Functional Characterization of , NAC transcription factor genes from Avicennia marina (FORSK) VIERH | SERB/F/7447/2014-15 | Jan-15 | 30.10.2015 | 1650000 | Sixteen lakhs fifty thousand | |
| TOTAL (2015-16) | | | | | | | | 109532003 | One thousand ninety five lakhs thirty two thousand three |
| 1 | Prof.D.Narayana Rao Director (Research) | ISRO | Investigation of Low Level Monsoon Inversion over Western Arabian sea from INSAT-3D observations | ISRO/INSAT-3D/SRM | 09-2011 | 01.07.2014 | 320000 | Three lakhs and twenty thousand | |
| 2 | Dr.R.A.Nazeer Depratment of Biotechnology | DBT | Radical scavenging activity of Antioxidant Peptides from mantels of three Marine Cephalopods | BT/PR3455/AAQ/3/570/2011 | 5/8/2014 | 03.12.2014 | 517704 | Five lakhs seventeen thousand seven hundred and four | |

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| 3 | Dr.B.Neppolian, Research Professor | SERB-DST | Electroactive Graphene-Metal (Oxide) Composites: Scalability for Fuel and solar cell application | SERB/F/1822/2012-13 | 06-2012 | 20.10.2014 | 500000 | Five lakhs |
| 4 | Dr. N. Selvamurugan School of Bioengineering | CSIR | A Novel Hydrogel Contaning Zinc Doped Chitosan/Nano Hydroxyapatite/b- Glycerophosphate for Bone Tissue | 37(1574)12/EMR-11 | Jan-13 | 18.09.2014 | 421118 | Four lakhs twenty one thousand one hundred and eighteen |
| 5 | Dr.Jesu Arockia Raj Biotechnology (FS/H) | DBT | CDNA Profiling in targeting novel immune related genes in epizootic ulcerative syndrome (EUS) infected striped murrel Channa striatus | NO/BT/RLF/REENTRY/27/2011 | 08.07.2014 | 28.07.2014 | 1627667 | Sixteen lakhs twenty seven thousand six hundred and sixty seven |
| 6 | Dr.Kantha D. Arunachalam Professor & Coordinator Centre for Environment Nuclear Research | IGCAR | Dietary intakes of Nat.and Arti.Radionuclides`s in &around Kalpakkam | IGC/ACCTS/B&C/SRM290 | Jul-12 | 20.03.2014 | 458150 | Four lakhs fifty eight thousand one hundred and fifty |
| 7 | Dr. Waheeta Hopper | DRDO | Development of drug lead molecules against micro-organisms used as bioweapons | LSRB/251/BTB/2012 | Mar-12 | 31.03.2015 | 674820 | Six lakhs seventy four thousand eight hundred and twenty |
| 8 | Dr.Shivaraman Ramaswami Nanotechnology Research Centre | BRNS | Study of multiferroic properties of patterned nanostructures of rare earth (Sm, Gd) doped BiFeO3 system | NO2012/20/37P/11/BRNS | Jan-13 | 31.03.2015 | 298483 | Two lakhs ninety eight thousand four hundred and eight three |
| 9 | Dr.B.Usha Dept. of Genetic Engineering | DST | Elucidation of Molecular mechanisms underlying plant growth promoting bacteria induted root exudation in rice genotypes | SB/FT/LS-137/2012 | 26.04.2013 | 30.09.2014 | 400000 | Four lakhs |
| 10 | Ms.Nisha Mukund Dept. of Bioinformatics | DST | Hyper production of bioethanol from lignocellulosic waste: an anaerobic fermentation approach with recombinant clostridium thermocellum ATCC 27405 having Idh and pta knockout genes | SR/WOSA/LS196/2011 | 11-2011 | 09.09.2014 | 450000 | Four lakhs and fifty thousand |

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| 11 | Dr. T.V. Lakshmi Kumar Dept. of Physics | DST Fast Track | Satellite NDVI image analysis and its sensitivity to the agro climatic indices | SR/FTP/ES-107/2009G | 12-2011 | 04.06.2014 | 200000 | Two lakhs |
| 12 | Dr.E.Berla Thangam Depratment of Biotechnology | DBT | Targetting Histamine H4 Receptor for the development of new antihistamines | BT/PR3230/BRB/10/965/2011 | 08-2017 | 19.08.2014 | 726160 | Seven lakhs twenty six thousand one hundred and sixty |
| 13 | Dr.M.Ramya Dept. of Genetic Engineering | SERB-DST | Concurrent production of acetone, butanol and ethanol by inactivation of acidogenesis pathway in Clostridium acetobutylicum ATCC 824-a marker | SB/FT/LS-294/2012 | 6/6/2013 | 31.03.2015 | 400000 | Four lakhs |
| 14 | Dr.K.M.Ramkumar SRM Research Institute | SERB-DST | A cell based system for high throughput screening of Nrf2 activators and its role in protecting pancreatic beta-cell apoptosis | SERB/F/2923/2013-14 | 12/8/2013 | 13.06.2014 | 300000 | Three lakhs |
| 15 | Ms.Mangala Gowry Computer Science and Engineering | NIXI | SRM Search Engine | NIXI/SRM/SE | 1/9/2013 | 09.12.2014 | 952500 | Nine lakhs fifty two thousand and five hundred |
| 16 | Dr. Ritesh Kumar Dubey SRM Research Institute | SERB | High order accurate total variation stable schemes for discontinuous flow problems | SR/FTP/15/2011 | 1/7/2014 | 19.08.2014 | 250000 | Two lakhs and fifty thousand |
| 17 | Dr.Arijit Sen SRM Research Institute | DST | Investigation and analysis of nonequilibrium quantum transport and magnetization dynamics in molecular nanoelectronic devices with optimized electrode topology | SR/NM/NS-1062/2012 | 22/11/2013 | 28.07.2014 | 800000 | Eight lakhs |
| 18 | Dr.Koustov Ganguly SRM Research institute | SERB-DST | Comparison of lung developmental genetics among mouse strains with extremely divergent lung function | SERB/F/5562/2013-14 | 3/6/2014 | 04.07.2014 | 1350000 | Thirteen lakhs and fifty thousand |

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| 19 | Head Dept.of Mechanical Engineering | DST | DST-FIST Program | SR/FST/ETI-311/2012 | Nov-12 | | 8630000 | Eighty six lakhs and thirty thousand |
| 20 | Dr. N.P. Rajamane CACR | DST | Development of High Temperature Resistant Geopolymeric Compositoid | DST/TGS/STS/2012/20 | 27/03/201 | 08.07.2014, 08.07.2014 | 1366200 | Thirteen lakhs sixty six thousand and two hundred |
| 21 | Dr.B.Anand Kakade SRM Research Institute | SERB | Systematic development of electrocatalysts for polymer electrolyte membrane fuel cells | SERB/F/813/2014 | 23/05/2014 | 11.07.2014 | 1750000 | Seventeen lakhs and fifty thousand |
| 22 | Dr.G.S.Vinod Kumar SRM Research Institute | DRDO | Stabilization mechanisms in aluminium foams containing solid particles | DNRD/05/4003/NRB317 | 27/06/2014 | 28.07.2014 | 1356000 | Thirteen lakhs and fifty six thousand |
| 23 | Dr.Jesu Arockia Raj Biotechnology (FS/H) | SERB-DST | Molecular and proteomic identification of immune related genes in fresh water prawn Macrobrachium rosenbergii | NO/SR/FT/LS-140/2011 | Jun-12 | 11.07.2014 | 400000 | Four lakhs |
| 24 | Dr.Paromita Chakraborty SRM Research Institute | SERB-DST | Atmospheric eMISSION and Risk Assesment of Polychlorinated Biphenyls, Dioxins and Furans during the Electronic waste Recycling | SERB/SR/FTP/44/2012 | 16/06/2014 | 08.08.2014, 03.02.2015 | 1450000 | Fourteen lakhs and fifty thousand |
| 25 | Dr.S.Lavanya SRM Research Institute | DST | Adifferent perspective of Spectral Graph theory in the structural charachterization of network | SB/FTP/MS-050/2013 | 10/7/2014 | 19.08.2014 | 650000 | Six lakhs and fifty thousand |
| 26 | Dr.T.Rama Rao Dept.of Telecommunication | ISRO | Antipodal Liner Tapered Slot Antenna (AL TSA) array design and development for Inter-saatellite communication at 60GHz | ISRT/RES/3/647/2014-15 | 05.08.2014 | 20.09.2014 | 1228000 | Twelve lakhs twenty eight thousand |

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| 27 | Dr.S.Periyar Selvam Food Processing Engineering | DST Ind-South Africa Project | Developing environmental friendly packaging materials with essential oil to control the postharvest diseases in mango | DST/INT/P-07/2014 | 20/06/2014 | 24.09.2014 | 965840 | Nine lakhs sixty five thousand eight hundred and forty |
| 28 | Dr.R.A.Nazeer, Biotechnology | SERB-DST | Angiotensin converting enzyme inhibitory (ACEI) peptides from two squilla species | SB/YS/LS-328/2013 | 5/8/2014 | 24.09.2014 | 700000 | Seven lakhs |
| 29 | Dr.S.Thyagarajan Department of Biotechnology | Coconut development board, Ministry of Agriculture | Coconut Development Board towards Project Health benefits of dietary intake of Virgin coconut oil | F.NO.1345/2013 | 10.09.2014 | 24.09.2014 | 1314500 | Thirteen lakhs fourteen thousand and five hundred |
| 30 | Dr.K.M.Ramkumar SRM Research Institute | DBT | Nuclear factor erythroid 2-related factor 2 (NRF2) activators on the survival of pancreatic islet graft in type 1 diabetic mice | BT/PR7149/MED/30/9/03/2012 | 07.10.2013 | 13.06.2014 | 2205000 | Twenty two lakhs and five thousand |
| 31 | Dr.M.Sasidharan SRM Research Institute | SERB-DST | Advanced materials for hydrogen release/storage on biomass-derivatives | SB/SI/PC-043/2013 | 30/05/2014 | 08.08.2014 | 2400000 | Twenty four lakhs |
| 32 | Dr.Ranjith Kunnath SRM Research Institute | SERB | Interfacial Elastic waves and Friction Slip Instabilities | SR/S3/MERC/0076/2012 | Feb-13 | 30.08.2014 | 700000 | Seven lakhs |
| 33 | Dr.M.Sasidharan SRM Research Institute | DST Nano Mission | Polymer Graphite Nitride semiconductor nanomaterials for next generation Lithium Ion rechargeable batteries: Characterization, Device fabrication and testing | SB/S1/PC-043/2013 | 10/3/2014 | 09.05.2014, 12.09.2014 | 1423600 | Fourteen lakhs twenty three thousand and six hundred |
| 34 | Dr.M.Mariappan Department of Chemistry | SERB-DST | Bioinspired Catalysis Development of metal oxo corrole systems for hydrogen atom abstraction | SB/FT/CS/2012 | 30.06.2014 | 19.08.2014 | 830000 | Eight lakhs and thirty thousand |

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|----|--|-----------------------------|---|----------------------------|------------|---------------------------|---------|--|
| 35 | Dr. N. Selvamurugan Dept.of Biotechnology | CSIR | In vitro and In vivo Role of Biocomposite Scaffolds for Bone Tissue Engineering | 60(0110)/13/EMR-II | 17/12/2013 | 01.10.2014, 01.10.2014 | 523000 | Five lakhs and twenty three thousand |
| 36 | Dr. N. Selvamurugan Biotechnology | SERB-DST | Regulation of Runx2,a Bone transcription factor by transforming growth factor B1 for matrix Metallproteinase13 expression in Osteoblastic cells | SERB/F/8629/2014/15 | 2/9/2014 | 11.12.2015 | 1200000 | Twelve lakhs |
| 37 | Dr.R.Sivakumar Civil Engineering | DST | Urbanization impact on hydrology of Pondicherry Region at micro watershed level through integrated Geological and Geoinformatics studies | NRDMS/11/3042/14 | 29/09/2014 | 23.12.2014 | 634600 | Six lakhs thirty four thousand and six hundred |
| 38 | Dr.N.Purusothaman Dept of Genetic Engg | DBT | Complete chloroplast genome sequencing and transcripts analysis | BT/PR6394/GDB/27/422/2012 | 18-Jul-13 | 18.11.2014 | 703000 | Seven lakhs and three thousand |
| 39 | Dr.Iyaakutti Dept of Physics and Nanotechnology | CSIR | Emeritus Scientist Scheme Investigation of Functionalized Nanostructured Carbon Nanomaterials | 21(755)/09/EMR-11 | Mar-13 | 12.05.2014 | 397644 | Three lakhs ninety seven thousand six hundred and forty four |
| 40 | Dr.Roopalakshmi R Dept of IT | DST | Content-Based Video Copy Detection and Prevention of In-Theater Piracy. | No.SR/WOS-A/ET-48/2010 (G) | Oct-10 | 21.10.2014 | 500000 | Five lakhs |
| 41 | Dr.T.Kavasker Dept. of Mathematics | SERB-DST | Some problems on equitable coloring and indicated cocoloring | SB/FTP/MS-029/2013 | 30.10.2014 | 16.12.2014 | 430000 | Four lakhs and thirty thousand |
| 42 | VINAY CONCRETE | Vinay Concrete & aggregates | Technical advisory centre for building materials | VINAY/SRMIST/BM-001 | Dec-13 | 26.03.2014 | 266292 | Two lakhs sixty six thousand two hundred and ninety two |

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|-----------------------|----|--|-----------------|--|------------------------------|------------|------------|-----------------|--|
| | 43 | Dr.RC Sathish Kumar Public Health | Redhill Herbals | Clinical study to evaluate the efficacy of Arborium Plus ayurvedic formulation | RH/SRMIST/HS-003 | Jun-15 | 13.01.2015 | 50000 | Fifty thousand |
| TOTAL(2014-15) | | | | | | | | 42720278 | Four hundred twenty seven lakhs twenty thousand two hundred seventy eight |
| | 1 | Smt.M.Pushpalatha Dept..of Computer Science and Engg | DRDO | Development of Energy Efficient Wireless Micro Sensor Network for human/Vehicle Intruder Detection | ERIP/ER/1203115 | 26.07.2013 | 31.07.2013 | 1381120 | Thirteen lakhs eighty one thousand one hundred and twenty |
| | 2 | Dr. Kantha D. Arunachalam Department of Biotechnology | BRNS | Radionuclides transfer factor on aquatic flora & fauna in Nagarjuna Sagar Dam near proposed uranium | 2008/36/90-BRNS | Feb-09 | 17.07.2013 | 990000 | Nine lakhs ninety thousand |
| | 3 | Dr. T.V. Lakshmikumar, Department of Physics | ISRO-ARFI | Studies of Characteristics of Aerosols over Chennai | SPL-GBP-ARFI:36-JULY 19 2010 | Jul-10 | 31.03.2014 | 500000 | Five lakhs |
| | 4 | Dr. T. Rama Rao Department of TCE | DRDO | Millimeter – wave Antenna circuitry and Network planning, development studies for future ubiquitous broadband wireless systems | ERIPR/ER/10039 | Feb-11 | 26.09.2013 | 40000 | Forty thousand |
| | 5 | Dr. N. Selvamurugan School of Bioengineering | ICMR | Activating Transcription Factor - 3 A Potential Target Gene for Breast Cancer | 5/13/128/2009-NCD-III | Oct-10 | 16.04.2013 | 92920 | Ninety two thousand nine hundred and twenty |
| | 6 | Dr. N. Selvamurugan School of Bioengineering | ICMR | Regulation of mesenchymal stem cell towards osteogenetic cell lineage by micro RNAs | 80/10/2010-BMS | Oct-10 | 08.03.2014 | 734018 | Seven lakhs thirty four thousand and eighteen |

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|----|---|----------|--|---------------------------|------------|---------------------------|---------|--|
| 7 | Prof.D.Narayana Rao Director (Research) | ISRO | Investigation of Low Level Monsoon Inversion over Western Arabian sea from INSAT-3D observations | ISRO/INSAT-3D/SRM | Sep-11 | 16.04.2013 | 100000 | One lakh |
| 8 | Ms.Nisha Mukund Dept. of Bioinformatics | DST | Hyper production of bioethanol from lignocellulosic waste: an anaerobic fermentation approach with recombinant clostridium thermocellum ATCC 27405 having Idh and pta knockout genes | SR/WOSA/LS196/2011 | Nov-11 | 29.08.2013 | 516000 | Five lakhs and sixteen thousand |
| 9 | Dr.B.Neppolian, Research Professor | SERB-DST | Electroactive Graphene-Metal (Oxide) Composites: Scalability for Fuel and solar cell application | SERB/F/1822/2012-13 | 10/9/2015 | 05.11.2013 | 100000 | One lakh |
| 10 | Dr. N. Selvamurugan School of Bioengineering | CSIR | A Novel Hydrogel Contaning Zinc Doped Chitosan/Nano Hydroxyapatite/b- Glycerophosphate for Bone Tissue | 37(1574)12/EMR-11 | Jan-13 | 02.12.2013 | 238667 | Two lakhs thirty eight thousand six hundred and sixty seven |
| 11 | Dr. M. Parani Dr. M. Ramya Dr.K.Ilango | ICMR | Isolation of the active compounds form the plant extracts that were identified to be effective against NDM1 positive bacteria | AMR/22/2011-ECD-1 | 21/02/2015 | 24.01.2014, 18.09.2013 | 777050 | Seven lakhs seventy seven thousand and fifty |
| 12 | Dr.Jesu Arockia Raj Biotechnology (FS/H) | SERB-DST | Molecular and proteomic identification of immune related genes in fresh water prawn Macrobrachium rosenbergii | NO/SR/FT/LS-140/2011 | Jun-12 | 27.06.2013 | 500000 | Five lakhs |
| 13 | Dr.Jesu Arockia Raj Biotechnology (FS/H) | DBT | CDNA Profiling in targeting novel immune related genes in epizootic ulcerative syndrome (EUS) infected striped murrel Channa striatus | NO/BT/RLF/REENTRY/27/2011 | 08.07.2014 | 14.05.2013, 04.11.2013 | 2437000 | Twenty four lakhs and thirty seven thousand |
| 14 | Dr.Ranjith Kunnath SRM Research Institute | SERB | Interfacial Elastic waves and Friction Slip Instabilities | SR/S3/MERC/0076/2012 | Feb-13 | 04.07.2013 | 350000 | Three lakhs and fifty thousand |

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| 15 | Dr. Waheeta Hopper | DRDO | Development of drug lead molecules against micro-organisms used as bioweapons | LSRB/251/BTB/2012 | Mar-12 | 31.03.2014 | 498500 | Four lakhs ninety eight thousand and five hundred |
| 16 | Ms. Yamani Mishra School of Bioengineering | DST | Isolation of endophytes of plants and testing their potential for the control of Ralstonia solanacearum | SR/WOS-A/LS-125/2009 | Jul-10 | 31.03.2014 | 300000 | Three lakhs |
| 17 | Dr.R.Shivaraman Lead Scientist Nanotechnology Research Centre | INSA | Development of Lanthanide doped ferromagnetic nanosuspensions for effective hyperthermia treatment of deep tissue cancers | INSA/AUSTF/S/2012 | Nov-12 | 07.05.2013 | 1900000 | Nineteen lakhs |
| 18 | Dr.B.Usha Dept. of Genetic Engineering | DST | Elucidation of Molecular mechanisms underlying plant growth promoting bacteria induced root exudation in rice genotypes | SB/FT/LS-137/2012 | 26.04.2013 | 17.06.2013 | 900000 | Nine lakhs |
| 19 | Head, Electronics and Communication Engg. | DST | DST-FIST Program | SR/FIST/ETI-252/2009/1 | Mar-10 | | 170000 | One lakh and seventy thousand |
| 20 | Dr. Waheeta Hopper, School of Bioengineering, SRM University D. D. Velmurugan University of Madras | DBT | Identification of Efflux protein in Hibitors to gram negative organsms using Bio informatics tools & in vitro analysis & Crystallographic student of target membrane protein / inhivitor complexes | BT/B1/14/028/2007 | Jun-09 | 05.07.2013 | 1191200 | Eleven lakhs ninety one thousand and two hundred |
| 21 | Dr.M.Ramya Dept. of Genetic Engineering | SERB-DST | Concurrent production of acetone, butanol and ethanol by inactivation of acidogenesis pathway in Clostridium acetobutylicum ATCC 824-a marker | SB/FT/LS-294/2012 | 6/6/2013 | 04.07.2013 | 1300000 | Thirteen lakhs |
| 22 | Smt. S. Subashini and Dr. Kantha D.Arunachalam Department of Biotechnology | BRNS | Dietary Intakes of Naturally occurring Radio unclides like thorium, Uranium Polnium, Pottassium-40 in high Radiation background areas of Mama valakurichy, TN | IGC/ACCTS/B&C/SRM/290 | Feb-09 | 03.01.2014 | 639575 | Six Lakhs thirty nine thousand five hundred and seventy five |

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| 23 | Smt.M.Pushpalatha Dept..of Computer Science and Engg | DRDO | Securing AODV Based MANET | ERIP/ER/1203090 | 26.07.2013 | 31.07.2013 | 1024120 | Ten lakhs twenty four thousand one hundred and twenty |
| 24 | Dr. S.Winkins Santosh Biotechnology | DBT/RGYI | Screening of environmental estrogens (EE2) using zebrafish brain aromatase gene (cyp19a1b) as a biomarker (RGYI) | BT/TR6503/GBD/27/423/2012 | 2012 | 23.08.2013 | 628400 | Six lakhs twenty eight thousand and four hundred |
| 25 | Dr.K.M.Ramkumar SRM Research Institute | SERB-DST | A cell based system for high throughput screening of Nrf2 activators and its role in protecting pancreatic beta-cell apoptosis | SERB/F/2923/2013-14 | 12/8/2013 | 30.08.2013 | 1300000 | Thirteen lakhs |
| 26 | Ms.Mangala Gowry Computer Science and Engineering | NIXI | SRM Search Engine | NIXI/SRM/SE | 1/9/2013 | 23.10.2013 | 1768000 | Seventeen lakhs and sixty eight thousand |
| 27 | Dr. M. Ponnaivaikko Dept of ECE | DST | Establishment of National facility for conducting clinical trails on Ayurveda, Siddha & Unani Products | VI - D&P - 372/10-11/TDT | Nov-10 | 11.07.2013 | 10900000 | One hundred and nine lakhs |
| 28 | Dr. Ritesh Kumar Dubey SRM Research Institute | SERB | High order accurate total variation stable schemes for discontinuous flow problems | SR/FTP/15/2011 | 1/7/2014 | 21.10.2013 | 535000 | Five lakhs and thirty five thousand |
| 29 | Dr.Arijit Sen SRM Research Institute | DST | Investigation and analysis of nonequilibrium quantum transport and magnetization dynamics in molecular nanoelectronic devices with optimized electrode topology | SR/NM/NS-1062/2012 | 22/11/2013 | 23.01.2014 | 1782000 | Seventeen lakhs and eighty two thousand |
| 30 | Dr.Thirumurthy Madhavan Dept. of Bioinformatics | SERB-DST | Discovery and biological evolution of a new class of selective janus kinase 2 inhibitors A combination of pharma cophore,3D QSAR based virtual screening and chemical optimization | SB/YS/LS-128/2013 | 19.11.2013 | 05.12.2013 | 1100000 | Eleven lakhs |

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| 31 | Dr. Vimala Juliet Dept..of ICE | DST | A Multi Model Early Warning System for Sudden Infant Death Syndrome (SIDS) | IDP/MED/09/2013 | Nov-13 | 11.02.2014 | 300000 | Three lakhs |
| 32 | Dr.K.T.Iyakutty Dept. of Physics and Nanotechnology | AOARD | First Principles study of Band Structure and Band Gap Engineering in Graphene for device applications | AOARD-14-4007 | 18.12.2013 | 14.02.2014 | 2170859 | Twenty one lakhs seventy thousand eight hundred and fifty nine |
| 33 | Dr. T.V. Lakshmikumar Department of Physics | ISRO RESPOND | Technique development(Training and Genetic Algorithm methods) for improved satellite rainfall estimation over India Studies of Characteristics of Aerosols | ISRO/RES/2/368/10-11 | Jul-10 | 04.09.2013 | 41000 | Forty one thousand |
| 34 | Dr.Ranjith Thapa SRM Research Institute | SERB | Dioxigen reduction using low dimentional materials in the energy generation/storage device: first principle study | SERB/F/7447/2013-14 | 21/02/2014 | 12.03.2014 | 660000 | Six lakhs and sixty thousand |
| 35 | Dr.Koustov Ganguly SRM Research institute | SERB-DST | Comparison of lung developmental genetics among mouse strains with extremely divergent lung function | SERB/F/5562/2013-14 | 3/6/2014 | 19.12.2013 | 1850000 | Eighteen lakhs and fifty thousand |
| 36 | Dr K.A.Athmaselvi Dept.of Food Process Engineering | Adiitya Birla Chemicals Ltd | Determine the efficiency of sulphite preservative in different food products | SRM/CUB/R/2014 | 24/12/2013 | 14.02.2014 | 252300 | Two lakhs fifty two thousand and three hundred |
| 37 | Head Dept.of Mechanical Engineering | DST | DST-FIST Program | SR/FST/ETI-311/2012 | Nov-12 | 28.02.2014 | 6000000 | Sixty lakhs |
| 38 | Dr.Pratibha Dheeran SRM Research Institute | SERB | Utilization of Microflora inhabiting termite gut for hydrolytic enzymes and their application in biofuel production | SB/FT/LS-437/2012 | 22.10.2013 | 05.12.2013 | 1550000 | Fifteen lakhs and fifty thousand |

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|-----------------------|--|------|--|----------------------------|-----------|------------|-----------------|--|
| 39 | DST Fast Track | DST | DST Fast Track | 100/IFD5812/2009 | Jan-09 | 04.10.2013 | 100000 | One lakh |
| 40 | Dr.N.Purusothaman Dept of Genetic Engg | DBT | Complete chloroplast genome sequencing and transcripts analysis | BT/PR6394/GDB/27/422/2012 | 18-Jul-13 | 23.08.2013 | 1716200 | Seventeen lakhs sixteen thousand and two hundred |
| 41 | Mrs. M. Pandima Devi and Dr. Kantha D. Arunachalam, Department of Biotechnology | BRNS | Evaluation of vetiver for uptake and immobilization of uranium and residual radionuclides in mill tailings soil and post | 2008/36/82-BRNS | Feb-09 | 07.08.2013 | 520200 | Five lakhs twenty thousand and two hundred |
| 42 | Dr.Iyaakutti Dept of Physics and Nanotechnology | CSIR | Emeritus Scientist Scheme Investigation of Functionalized Nanostructured Carbon Nanomaterials | 21(755)/09/EMR-11 | Apr-13 | 03.09.2013 | 358819 | Three lakhs fifty eight thousand eight hundred and nineteen |
| 43 | Dr.Roopalakshmi R Dept of IT | DST | Content-Based Video Copy Detection and Prevention of In-Theater Piracy. | No.SR/WOS-A/ET-48/2010 (G) | Oct-10 | 14.02.2014 | 199538 | One lakh ninety nine thousand five hundred and thirty eight |
| TOTAL(2013-14) | | | | | | | 50412486 | Five hundred four lakhs twelve thousand four hundred eighty six |

