

### Research Projects Sanctioned from 2007 onwards

Sl. No	Title of the Project	Names of the Investigators	Funding Agency	Year of Sanction	Duration	Sanctioned Amount (in Lakhs)
1.	Exploring and Exploiting Novel Properties of High-Pressure Phase of Si for Fabrication of Low-cost, Light weight and High-efficiency Photo Voltaic Cells	Dr Kiran Mangalampalli, Asst Professor in Physics Department & SRM Research Institute	SERB-DST	October 2016	3 Years	39.00
2.	Investigation of synergic effects of Methylene blue adsorbed Cerium oxide nanoparticles as terapeutics for Alzheimer's disease	Dr.Sahadudeen Dept.of Biotechnonology	SERB-DST	October 2016	3 Years	25.99
3.	Azobenzene/Spiropyran-derived N-Heterocyclic Carbenes and their Transition Metal Complexes to Control Organic Transformations 'on Demand	Dr. Pintu Kumar Kundu, Research Institute & Chemistry	SERB-DST	September 2016	3 Years	33.20
4.	Virulence factors identification in fish disease [epizootic ulcerative syndrome (EUS)] causing fungus Aphanomyces invadans by transcriptome approach	Dr. Jesu Arockiaraj DBT- Ramalingaswami Fellow Dept. of Biotechnology	DBT	August 2016	3 Years	36.95

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5.	Wiskott Aldrich Syndrome protein (WASp) mediated epigenetic regulation of T helper (Th) cell differentiation linked to malignancies through R-loop modulation	Dr. Koustav Sarkar, Assistant Professor at the Research Institute and Dept. of Biotechnology	DST	August 2016	3 Years	45.00
6.	Design of Noble Metal-free Electrocatalysts for Efficient Oxygen Reduction in Low Temperature Fuel Cells	Dr Anita Subhash Swami, Asst Professor Chemistry Department	DST	August 2016	3 Years	34.26
7.	Gadolinium Substituted Cobalt Ferrites for Theragnostic Application	Dr.C.Gopalakrishnan Nanotechnology Research Centre	DBT	July 2016	3 Years	46.53
8.	Design, development and testing of an optical transceiver for establishing under water optical wireless audio-video communication	Dr.Shanthi Prince ECE	DRDO Naval Research Board	June 2016	2 Years	21.68
9.	Bioavalability of Dioxin like Polychlorinsted Biphenyls, Dioxins and Furansreleased due to combustion of electronics waste in Chennai: Implications of Risk Assessment	Dr.Paromita Chakraborty Research Institute	Ministry of Environment, Forest and Climate Change	June 2016	3 Years	51.43
10.	Ball mill synthesis and large area deposition route for quaternary $Cu_2ZnSn(S,Se)_4$ solar cell absorber	Dr. P. Malar SRM Research Institute	DST-SERB	June 2016	3 years	23.48

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11.	Design, Development and performance Investigations of wearable antennas for Body-centric Wireless Communication	Dr.T.Rama Rao Department of ECE	DRDO	May 2016	3 Years	65.90
12.	Synthesis and Characterisation of Microwave Materials based on Li <sub>2</sub> O-MgO-SiO <sub>2</sub> doped with Zn, Ti, W for Space Applications	Dr.T.Vijayakumar Dept. of Physics Vadapalani campus	ISRO under RESPOND scheme	May 2016	2 years	18.15
13.	Development of Electrode materials for high Energy Density Lithium ion batteries and computational studies of solar Absorber layers	Prof. M. Sasidharan SRM Research institute	MNRE	31.03.2016	3 years	1117.09
14.	Water quality studies of rivers and reservoirs / lakes using Hypersepectral remote sensing	Dr.R.Sivakumar Civil Engineering	DST	18.03.2016	3 Years	36.12
15.	Solution processed CZTZ TiO <sub>2</sub> hetero junction for solar energy conversion	Dr.S.Venkataprasad Bhat Research Institute	SERB-DST	11.03.2016	3 Years	30.14
16.	Investigation of physical and chemical characteristics of the Tropical Tropopause layer(TTL) in climate change perspective	Dr.Sanjay Kumar Mehta Research Institute	SERB-DST	02.03.2016	3 Years	21.03
17.	Estimation of soil moisture in Agricultural lands using Wireless Sensor networks	Dr. Revathi Venkataraman Department of CSE	SERB-DST	14.01.2016	3 years	46.59

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18.	Gold Nanoparticles with suitable functionalization: A versatile platform for targeted intracellular delivery of organometallic Ru-arene anticancer agents	Dr.Mani Ganeshpandian Department of Chemistry	SERB-DST	11.01.2016	3 years	19.18
19.	Novel Stimuli-responsive Poly(2-oxazoline)s/Tannic Acid Multilayer Thin Films and Capsules for Drug Delivery Applications.	Dr. S. Anandha Kumar Research Institute	SERB,DST	01.01.2016	3 Years	22.98
20.	Odyssey outcome study	Dr. Vengatesh Munuswamy Dept. of Cardiology	SANOFI	2015	3 Years	16
21.	Design and Development of Solar light driven Graphene based mixed oxide photo catalysis for efficient production H <sub>2</sub> Solar fuel	Prof.B.Neppolian Research Institute	Ministry of New and Renewable Energy	31.12.2015	3 Years	41.08
22.	Copper slag as alternative for river sand in concrete	Dr.T. Ch. Maadhavi Head, Department of Civil Engineering Ramapuram	DST	04.12.2015	3 Years	53.10
23.	A rapid non-invasive urinary test for the detection of Obstructive Uropathy	Dr.M.Vairamani Dean, School of Bioengineering	DBT	26.11.2015	2 years	37.20
24.	DST - FIST	Head, Department of Chemistry	DST	18.11.2015	5Years	148.00
25.	Characterization of phyiochemical mediated novel nano scaffold wound dressing	Dr,Kantha Deivi Arunachalam CENR	UGC-DAE Consortium for Scientific Research	13.11.2015	1 Year	02.13

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26.	SRM-DBT Partnership Platform for contemporary Research, Services and skill development in Advanced Life Science Technologies	Dr.M.Vairamani Dean, Bioengineering	DBT	30.09.2015	5 Years	1583.53
27.	Transition Metal dichalcogenide(MX <sub>2</sub> ; M=Mo, W, V & X = S or Se) and carbon nanocomposites as an effective electrode material for Lithium-Ion batteries	Dr. Helen AnnalTherese Nanotechnology Research Centre	SERB-DST	23.09.2015	3 Years	43.95
28.	New method of efficiently degrading Organic compounds by Sonophotocatalysis using diffused sunlight with grapheme and metal oxides nano composites	Dr,B.Neppolian SRM Research Institute	SERB-DST	10.09.2015	3 Years	33.07
29.	Low grade waste heat to electricity - Thermocells	Dr.S.Harinipriya SRM Research Institute	SERB-DST	19.08.2015	3 Years	49.13
30.	Carbon Nanostructures based Hydrogen Storage System for Fuel Cells	Dr.A.Karthigeyan Department of Physics and Nanotechnology	SERB-DST	August 2015	3 Years	56.82
31.	Syntheses of Quinolizidine and pyrrolizidine, Derivatives App synthesis Natural product	Dr.Baburaj Baskar Department of Chemical engineering	DST-SERB	18.07.2015	3 Years	23.36

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32.	Identification and standardization of defect induced process for improving the Photovoltaic (PV) efficiency of Solar Grade Silicon	Dr.K.T.Iyakutty Dept. of Physics and Nanotechnology	Naval Research Global, USA	15.07.2015	1 Year	22.00
33.	Comparative resistance study to identify molecular markers for the control of dusky cotton bug oxycarenus laetus Kirby (Hemipters: Lygaeidae) across habitats using mitochondrial DNA and transcriptomics approaches	Dr. Habeeb SKM	SERB-DST	03.07.2015	3 years	25.00
34.	Studies on moisture recycling and atmospheric residence times over India and its adjoining oceans	Dr.T.V.Lakshmi Kumar Dept. of Physics	SERB-DST	04.06.2015	3 Years	22.46
35.	Leveraging cloud exclusively owned by defense into military sensor network application	Dr.S.Magesh Dept. of IT	DRDO	28.04.2015	2 Years	9.61
36.	Satellite Meteorology Cell	Prof.D.Narayana Rao, Director(Research)	Ministry of Earth Sciences	20.03.2015	5 Years	140.00
37.	Assessment of IEC materials on Leprosy based on Cultural and Linguistic effectiveness	Dr.Geetha Veliah SRM School of Public Health	ICMR	16.03.2015	2 Years	40.00
38.	Study on the effect of Gymnema montanum on Endothelial dysfunction in experimental Diabetics	Dr.K.M.Ramkumar Research Institute	ICMR	23.02.2015	3 Years	16.84

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39.	Isolation of the active compounds from the plants extracts that were identified to be effective against Ndm1 positive bacteria	Dr.M.Parani Genetic Engineering	ICMR	21.02.2015	3 Years	40.00
40.	Appointment of Consultant/Agency for conducting performance outcome for integrated child development service scheme on health and nutritional status of children in Tamil Nadu	Dr.Satish Kumar Dean, Public Health	Evaluation and Applied Research Department Govt. of Tamil Nadu	11.02.2015	1 Year	168.54
41.	Effect of crythropoietin on platelet amyloidogenic pathway and scrum inflammatory molecules in patients with CKD biochemical study	Dr.P.Venkataraman Medical Research	ICMR	28.11.2014	3 Years	34.70
42.	M-Health Innovation Hub	Dr.Satish Kumar Dean, Public Health	Microsoft	25.11.2014	1 Year	11.70
43.	DST - FIST	Head, Department of Biotechnology	DST	21.11.2014	5 Years	165.00
44.	Some problems on equitable coloring and indicated cocoloring	Dr.T.Kavasker Mathematics	SERB-DST	30.10.2014	3 Years	11.28
45.	Urbanization impact on hydrology of Pondicherry Region at micro-watershed level through integrated Geological and Geoinformatics studies	Dr.R.Sivakumar Civil Engineering	D ST	29.09.2014	3 Years	15.85
46.	Coconut Development Board towards Project Health benefits of dietary intake of Virgin coconut oil	Dr.S.Thyagarajan Department of Biotechnology	Coconut development board, Ministry of Agriculture	10.09.2014	3 Years	26.29

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47.	Regulation of Runx2,a Bone transcription factor by transforming growth factor B1 for matrix MetallproteinaseI3 expression in Osteoblastic cells	Dr. N. Selvamurugan Biotechnology	SERB-DST	02.09.2014	3 Years	33.10
48.	Angiotensin converting enzyme inhibitory (ACEI) peptides from two squilla species	Dr.R.A.Nazeer, Biotechnology	DST-SERB	05.08.2014	3Years	21.44
49.	Antipodal linear tapered slot antenna (ALTSA) array design and development for inter-satellite communication at 60 GHz	Dr.T.Rama Rao Dept.of Telecommunication	ISRO	05.08.2014	3 Years	21.60
50.	Tandem one and two dimensional TLC Biotransformation Autography for high throughput screening and identification of Biocatalyst	Dr.M.R.Ganesh ISISM	DBT	04.08.2014	3 Years	19.50
51.	Different Perspective of Spectral graph theory in the structural Characterization of Network	Dr.S.Lavanya SRM Research Institute	SERB-DST	10.07.2014	3 Years	14.40
52.	CDNA Profiling in targeting novel immune related genes in epizootic ulcerative syndrome (EUS) infected striped murrel Channa striatus	Dr. A. Jusu Arockia Raj, Biotechnology ( S & H)	DBT	08.07.2014	5 Years	85.82
53.	High order accurate total variation stable schemes for discontinuous flow problems	Dr. Ritesh Kumar Dubey SRM Research Institute	SERB-DST	01.07.2014	3 Years	12.12



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54.	Bioinspired Catalysis Development of metal oxo corrole systems for hydrogen atom abstraction	Dr.M.Mariappan Department of Chemistry	DST-SERB	30.06.2014	3 Years	19
55.	Developing environmental friendly packaging materials with essential oil to control the postharvest diseases in mango	Dr.S.Periyar Selvam Food Processing Engineerin	DST Ind-South Africa Project	20.06.2014	3 Years	30.27
56.	Stress mediated magnetoelectric coupling in BaTiO <sub>3</sub> :Zn <sub>1-x</sub> Co <sub>x</sub> O (x=0.1,0.5) bilayer thin film sytem	Dr.R.Shivaraman Nanotechnology Research Center	SERB-DST	19.06.2014	3 Years	6.24
57.	Atmospheric emission and risk assessment of Polichlorinated Biphenyls, Dioxins and Furans during the electronic waste recycling in Chennai	Dr.Paromita Chakraborty SRM Research Institute	SERB-DST	16.06.2014	3 years	25.00
58.	Structural, electronics and physical properties of lanthanum, neodymium and samarium substituted magnesium and strontium interetallic compounds	Dr.V.Jeyalakshmi Dept..of Physics Ramapuram campus	SERB-DST	12.06.2014	3 Years	15.69
59.	Advanced materials for hydrogen release/storage on biomas-derivatives	Dr.M.Sasidharan SRM Research Institute	SERB-DST	30.05.2014	3 Years	43.80
60.	Systematic development of electrocatalysts for polymer electrolyte membrane fuel cells	Dr.B.Anand Kakade SRM Research Institute	SERB-DST	23.05.2014	3 Years	24.93
61.	Stabilization mechanisms in aluminium foams containing solid particles	Dr.G.S.Vinod Kumar SRM Research Institute	DRDO	27.03.2014	3 Years	23.64

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62.	Development of High Temperature Resistant Geopolymeric Composites	Dr. N.P. Rajamane CACR	DST	27.03.2014	3 Years	52.90
63.	Polymer Graphite Nitride semiconductor nanomaterials for next generation Lithium Ion rechargeable batteries: Characterization, Device fabrication and testing	Dr.M.Sasidharan SRM Research Institute	DST Nano Mission	10.03.2014	3 Years	23.95
64.	Dioxigen reduction using low dimensional materials in the energy generation/storage device: first principle study	Dr.Ranjith Thapa SRM Research Institute	SERB	21.02.2014	3 Years	14.04
65.	Determine the efficiency of sulphite preservative in different food products	Dr K.A.Athmaselvi Dept.of Food Process Engineering	Adiitya Birla Chemicals Ltd	24.12.2013	6 months	05.05
66.	First Principles study of Band Structure and Band Gap Engineering in Graphene for device applications	Dr.K.T.Iyakutty Dept. of Physics and Nanotechnology	Department of the AIR FORCE Asian office of Aerospace Research and Development , USA	18.12.2013	1 years	21.71
67.	In vitro and In vivo Role of Biocomposite Scaffolds for Bone Tissue Engineering	Dr. N. Selvamurugan Dept.of Biotechnology	CSIR	17.12.2013	3 Years	20.00
68.	Investigation and analysis of nonequilibrium quantum transport and magnetization dynamics in molecular nanoelectronic devices with optimized electrode topology	Dr.Arijit Sen SRM Research Institute	DST Nano Mission	22.11.2013	3 years	39.00

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69.	Discovery and biological evaluation of a new class of selective Janus Kinase 2 inhibitors	Dr.Thirumurthy Madhavan Dept. of Bioinformatics	SERB-DST	19.11.2013	3 years	21.00
70.	A Multi Model Early Warning System for Sudden Infant Death Syndrome (SIDS)	Dr. Vimala Juliet Dept..of ICE	DST	November 2013	1 Year	3.8
71.	Gap analysis to assess barriers to adequate coverage of routine immunization among Health Care Providers and beneficiaries in high priority districts under call to action for improved child survival in Tamil Nadu for developing evidence based RI communication Strategies	Prof.Ch.Satish Kumar School of Public Health	UNESCO	02.11.2013	3 years	21.32
72.	Utilization of Microflora inhabiting termite gut for hydrolytic enzymes and their application in biofuel production	Dr.Pratibha Dheeran SRM Research Institute	SERB-DST	22.10.2013	3 Years	23.70
73.	Nuclear factor erythroid 2-related factor 2 (NRF2) activators on the survival of pancreatic islet graft in type 1 diabetic mice	Dr.K.M.Ramkumar SRM Research Institute	DBT	07.10.2013	3 years	42.95
74.	Nicotine Induced Carcinoma	Dr.K.Ilango, Dean, ISISM	M/S. KashiVishwanathZarda & Co. Pvt.Ltd, Varanasi.	October 2013	3 Years	35.00
75.	SRM Search Engine	Ms.Mangala Gowry Computer Science and Engineering	DEITY	September 2013	2 years	72.20

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76.	Carbon Nanostructures based Hydrogen storage system for fuel cells	Dr.A.Karthigeyan Dept. of Physics and Nanotechnology	SERB DST	11.08.2013	3 Years	53.03
77.	Inducing multiferroic behaviour in Fe substituted Dy <sub>2</sub> O <sub>3</sub> and Eu <sub>2</sub> O <sub>3</sub> system	Dr.V.Anbarasu Dept. of Physics Ramapuram	SERB-DST	August 2013	2 years	17.65
78.	Development of Energy Efficient Wireless Micro Sensor Network for Human/Vehicle intruder detection	Smt.M.Pushpalatha Dept..of Computer Science and Engineering	DRDO	26.07.2013	3years	13.81
79.	Securing AODV based MANET	Dr.Revathy Venkataraman Dept..of Computer Science and Engineering	DRDO	26.07.2013	3years	10.24
80.	Geo Ploymer concrete	Dr. Rajamane CACR	Kiran Global Chems Limited	11.07.2013	3 Years	23.00
81.	Concurrent production of acetone butanol and ethanol by inactivation of acidogenesis pathway in chlostridium acetobutylicum ATCC 824-a marker free approach	Dr.M.Ramya Dept. of Genetic Engineering	SERB-DST	06.06.2013	3 Years	22.00
82.	Oxidative Stress Induced Pre-matured Artherosclerosis	Dr.K.Kanchana Mala Medical Research	SERB-DST	06.06.2013	3 Years	22.70
83.	Comparison of lung developmental genetics among mouse strains with extremely divergent lung function	Dr.Koustov Ganguly SRM Research institute	SERB-DST	03.06.2014	3Years	40.60

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84.	A cell based system for high throughput screening of Nrf2 activators and its role in protecting pancreatic beta-cell apoptosis	Dr.K.M.Ramkumar SRM Research Institute	DST	June 2013	3years	24.13
85.	Detection of SNP in SLC21A gene of type 2 diabetic patient undergoing metformin drug therapy in Indian population	Mr. N. Manojkumar Dept..of Genetic Engineering	TNST	May 2013	1Year	00.10
86.	Elucidation of molecular mechanisms underlying plant growth promoting bacteria induced root exudation in rice genotypes	Dr.B.Usha Dept. of Genetic Engineering	SERB-DST	26.04.2013	3 Years	17.70
87.	Fe-based Cooperative Pincer Complexes: An 'Ultimate Green' Paradigm to Sustainable Catalysis	Dr.E.Balaraman Research Institute	DST Fast Track Scheme	February 2013	3 years	28.40
88.	Interfacial elastic waves and frictional slip insatabilities	Dr.Ranjith Kunnath SRM Research Institute	SERB-DST	February 2013	3 years	21.00
89.	Study of multiferroic properties of patterned nanostructures of rare earth (Sm, Gd) doped BiFeO3 system	Dr.Shivaraman Ramaswami Nanotechnology Research Centre	BRNS	January 2013	3 years	13.90
90.	A novel Hydrogel for bone tissue Engineering	Dr.N.Selvamurugan Dept. of Biotechnology	CSIR	January 2013	3years	21.00

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91.	Concurrent production of ethanol, butanol and acetone by inactivation of acidogenesis pathway in Clostridium acetobutylicum ATCC 824-a marker free approach	Dr. M. Ramya Dept..of Genetic Engineering	DST	November 2012	3Years	21.15
92.	DST-FIST Program	Head Dept.of Mechanical Engineering	DST	November 2012	5years	150.00
93.	Development of Lanthanide doped ferromagnetic nano-suspensions for effective hyperthermia treatment of deep tissue cancers	Dr.R.Shivaraman Lead Scientist Nanotechnology Research Centre	INSA	November 2012	1 Year	19.00
94.	Dependency parser for Tamil Classical Literature: Kurunthokai.	Dr.V.Dhanalakshmi Dept.of Tamil	Central Institute of Classical Tamil	November 2012	1 year	2.50
95.	Tamilnadu Health System Tribal Research Project	Prof.K.R.John Dept.of Community Medicine	Tamilnadu Government	October 2012	1 Year	12.00
96.	Radical scavenging activity of Antioxidant Peptides from mantels of three Marine Cephalopods	Dr.R.A.Nazeer Biotechnology	DBT	August 2012	3 Years	24.56
97.	Targeting Histamine H4 Receptor for the development of New Antihistamines	Dr.E.Berla Thangam Biotechnology	DBT	August 2012	3 Years	28.90
98.	Dietary intakes of Nat. and Arti.Radionuclide's in and around Kalpakkam	Dr.Kantha D. Arunachalam Professor & Coordinator, Centre for Environment Nuclear Research	IGCAR	July 2012	3 Years	10.71

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99.	Preparation, Processing & Large scale Manufacturing of Channa- a Raw material for North Indian sweets	Dr. Kantha Deivi Arunachalam Center for Environmental Nuclear Research	Hatsun Agro Products Ltd.	June 2012	1 Year	5.4
100.	Molecular and proteomic identification of immune related genes in fresh water prawn Macrobrachium rosenbergii	Dr.Jesu Arockia Raj Biotechnology (F S/H)	SERB- DST	June 2012	3 Years	18.10
101.	Electroactive Graphene-Metal (Oxide) Composites: Scalability for fuel and solar cell applications	Dr.B.Neppolian, Research Professor	SERB-DST	June 2012	3 Years	25.76
102.	Various activities related to Public Health	Prof.Ch.Satish Kumar School of Public Health	UNICEF	June 2012	1 Year	24.09
103.	Study of 24X7 Primary health centers	Dr. Rajan Patil School of Public Health	UNICEF	2012	1 Year	6.49
104.	Child Growth and use WHO Charts	Geetha V Kalpana School of Public Health	UNICEF	2012	1 Year	4.37
105.	Thalassemia Screening	Prof. Kamaraju School of Public Health	UNICEF	2012	1 Year	4.93
106.	Migrants Health	Dr. Anil Kumar School of Public Health	UNICEF	2012	1 Year	10.82
107.	Isolation of the active compounds from the plant extracts that were identified to be effective against NDM1 positive bacteria	Dr. M. Parani Dr. M. Ramya Dr.K.Ilango	ICMR	March 2012	3 Years	44.88

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108.	Development of drug lead molecules for bacteria used as bioweapons, Funded by Defence Research & Development Organisation (DRDO)	Dr. Waheeta Hopper	Life Sciences Research Board, DRDO	March 2012	3 Years	29.47
109.	Epidemiological study disease burden among SC/ST population of TN and its Intervention by traditional medicine	G.P.Dubey M.Ponnaivaikko K.R.John K.Ilango Nirupama Dubey	DST	March 2012	3 Years	159.0
110.	Projects for Japanese Corporate R&D laboratories	Dr. Sridhar Varadharajan	NEC-FUJITSU-SONY	2012	3 Years	270.00
111.	Projects for Japanese Corporate R&D laboratories	Dr. Sridhar Varadharajan	NEC-FUJITSU-	2012	3 Years	157.5
112.	Screening of environmental estrogens (EE2) using zebrafish brain aromatase gene (cyp19a1b) as a biomarker (RGYI)	Dr. S.Winkins Santosh Biotechnology	DBT/RGYI	2012	3 Years	25.00
113.	Quality of life of Tribal people : development of measure using multilevel modeling	Prof M. Bhagavandas	ICMR	2011	3 Years	30.00
114.	Effect of erythropoietin on platelet amyloidogenic pathway and serum inflammatory molecules in patients with CKD: Biochemical and molecular study	P. Venkataraman, Asst Prof. Medical Research	ICMR	December 2011	3 Years	33.34



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115.	Effectiveness of diet and lifestyle intervention through Information Education Communication (IEC) tools with Angan Wadi Centres (AWCs) as the centre of knowledge dissemination for hypertension (including hypercholesterolemia and diabetes) risk reduction – a cluster randomised controlled trial	D. Haripriya, Asst Prof. Medical Research	ICMR, 2011	December 2011	3 Years	53.00
116.	Role of indole and triterpene on experimental bladder carcinogenesis	Dr.S.Sundaresan Dept.of Medical Research	Science and Engineering Board	December 2011	3 Years	16.06
117.	Satellite NDVI image analysis and its sensitivity to the agro climatic indices	Dr. T.V. Lakshmi Kumar Dept. of Physics	DST Fast Track	December 2011	3 Years	10.38
118.	Hyper Production of bioethanol from lignocellulosic waste : an anaerobic fermentation approach with recombinant Clostridium thermocellum ATCC 27405	Ms.Nisha Mukund Dept. of Bioinformatics	DST Women Scientist Scheme	November 2011	3 Years	11.70
119.	A multi model early warning system fo sudden infant death syndrome (SIDS)	Dr.A.Vimala Juliot Dept.of ICE	DST	November 2011	1 Year	3.50
120.	Tamilnadu Health System Tribal Research Project	Prof.K.R.John Dept.of Community Medicine	Tamilnadu Government	October 2011	1 Year	12.00

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121.	Investigation of Low Level Monsoon Inversion over Western Arabian sea from INSAT-3D observations	Prof.D.Narayana Rao Director (Research)	ISRO	September 2011	3 Years	10.00
122.	Millimeter – wave Antenna circuitry and Network planning, development studies for future ubiquitous broadband wireless systems	Dr. T. Rama Rao Department of TCE	DRDO	February 2011	3 Years	35.93
123.	DNA barcoding of medicinal plants	Dr. M. Parani Dept. of Genetic Engineering	Dept. of AYUSH	December 2010	2 Years	22.00
124.	Establishment of National facility for conducting clinical trails on Ayurveda, Siddha & Unani Products	Dr. M. Ponnaivaikko Vice Chancellor	DST	November 2010	2 Years	1252.44
125.	DST-FIST program	Department of Physics	DST	October 2010	5 Years	60.00
126.	A potential target gene for Breast Cancer Progression in-vivo	Dr. N. Selvamurugan School of Bioengineering	ICMR	October 2010	3 Years	23.00
127.	Regulation of mesenchymal stem cell towards osteogenetic cell lineage by micro RNAs	Dr. N. Selvamurugan School of Bioengineering	ICMR	October 2010	3 Years	24.00
128.	Physiological Significance of Noni Photochemical on the Neuro – Endocrine – Immune system	Dr. S. Thyagerajan School of Bioengineering	World Noni Research Foundation Chennai	September 2010	2 Years	10.00
129.	Isolation of endophytes of plants and testing their potential for the control of Ralstonia solanacearum	Ms. Yamani Mishra School of Bioengineering	DST	July 2010	3 Years	9.84

<b>Sl. No</b>	<b>Title of the Project</b>	<b>Names of the Investigators</b>	<b>Funding Agency</b>	<b>Year of Sanction</b>	<b>Duration</b>	<b>Sanctioned Amount (in Lakhs)</b>
130.	Studies on characteristics of Aerosols	Dr. T.V. Lakshmikumar Department of Physics	ISRO	July 2010	5 Years	43.88
131.	Improved Satellite rainfall Estimation over India	Dr. T.V. Lakshmikumar Department of Physics	ISRO	July 2010	3 Years	13.88
132.	Situational analysis of the program to combat anemia in Krishnagiri, Dharmapuri and Selam Districts of Tamil Nadu	Prof. Ch. Satish Kumar School of Public Health Dr. Rajan Patil Dr. Anil Krishna	UNICEF	May 2010	1 Year	9.75
133.	Evaluation of the smoke free Chennai mass media campaign	Prof. Ch. Satish Kumar School of Public Health Ms. Geetha	World Lung Foundation Newyork	May 2010	1 Year	3.00
134.	Epidemic and Pandemic preparedness response	Prof. Ch. Satish Kumar School of Public Health Dr. Rajan Patil Dr. Anil Krishna	UNICEF	May 2010	1 Year	15.00
135.	Evidence Based advocacy strategy for revitalization of ICDS in Tamil Nadu – Phase II	Prof. Ch. Satish Kumar School of Public Health Dr. Anil Krishna Ms. Geetha	UNICEF	April 2010	1 Year	5.69
136.	Molecular Mechanism of neonatal sepsis	Dr. E. Berlathangam, Biotechnology	DBT	May 2010	3 Years	45.66
137.	Near ground RF propagation studies for wireless sensor Communications	Dr. T. Rama Rao Telecommunication Engineering	DST	March 2010	3 Years	37.84

Sl. No	Title of the Project	Names of the Investigators	Funding Agency	Year of Sanction	Duration	Sanctioned Amount (in Lakhs)
138.	DST-FIST Program	Head Electronics and Communication Engg.	DST	March 2010	5 Years	55.00
139.	Role of Indoles and Triterpenes in experimental holder carcinogenesis	Dr. S. Sundaresan Medical Research Department	SERC- DST Fast Track	February 2010	3 Years	13.42
140.	Implementation of algorithms for trust and replication in mobile ad hoc networks	Prof. Revathi Venkataraman CSE	DRDO	Jan 2010	3 Years	5.00
141.	SRM Nano Satellite Project	Prof.D.Narayana Rao Prof.S.V.Kasmir Raja Mr.M.Logannathan	SRM University	September 2009	3 Years	120.00
142.	Developing an integrated (Vertical & Horizontal flow) constructed wetland system for treating waste water from small community	Dr. Deeptha Thattai Civil	SERC-Fast Track proposal for young scientists scheme	June 2009	3 Years	9.60
143.	Neurendocrine – Immune interactions in mammary tumorigenesis	Dr. S. Thyagarajan Dr. E. Berla Thangam School of Bioengineering	DBT	June 2009	3 Years	40.25
144.	Identification of efflux protein inhibitors to gram negative organisms using bioinformatics tools and in vitro analysis and crystallographic studies of target membrane protein inhibitor complexes	Dr. Waheeta Hopper School of Bioengineering SRM University D. D. Velmurugan University of Madras	DBT-India AIST-Japan Bilateral project	June 2009	3 Years	25.34

<b>Sl. No</b>	<b>Title of the Project</b>	<b>Names of the Investigators</b>	<b>Funding Agency</b>	<b>Year of Sanction</b>	<b>Duration</b>	<b>Sanctioned Amount (in Lakhs)</b>
145.	Development and properties of fly ash and bagasse ash based Geo Polymer concrete	Dr. P. Suresh Kumar School of Civil Engineering	Tamil Nadu State Council for Science and Technology	May 2009	3 Years	0.89
146.	Genetic Engineering of Clostridium thermocellum ATCC 27405 for effective conversion of lignocelluloses to ethanal	Dr. Lilly Sabeena School of Bioengineering	SERC-DST Fast Track Project for young scientists	March 2009	3 Years	17.00
147.	Expression of Interest for External conducting global Adult Tobacco Survey (GATS-Indian), 2008	Prof. Ch. Satish Kumar School of Public Health	Ministry of Health & Family welfare GOI	Feb 2009	1 Year	25.05
148.	Naturally occurring radio nuclides transfer factor (BCF) on aquatic flora and fauna in nagarajuna Sagar dam near Proposed uranium mining site	Dr. Kantha D. Arunachalam Department of Biotechnology	BRNS	Feb 2009	3 Years	50.42
149.	Evaluation of vetiver for uptake and immobilization of uranium and residual radionuclides in mill tailings soil and post	Mrs. M. Pandima Devi Dr. Kantha D. Arunachalam Department of Biotechnology	BRNS	Feb 2009	3 Years	35.76
150.	Dietary Intakes of Naturally occurring Radio unclides like thorium, Uranium Polonium, Pottassium-40 in high Radiation background areas of Mama valakurichy, TN	Smt. S. Subashini Dr. Kantha D. Arunachalam Department of Biotechnology	BRNS	Feb 2009	3 Years	27.80
151.	DST-FIST Program	Dean School of Bioengineering	DST	Jan 2009	5 Years	130.00

Sl. No	Title of the Project	Names of the Investigators	Funding Agency	Year of Sanction	Duration	Sanctioned Amount (in Lakhs)
152.	Uncertainty analysis of ground water problem using interval analysis	Dr. K. Ganesan Mathamatics	BRNS	Jan 2009	2 Years	10.92
153.	Equipping Laboratory	Dr. K. Ramasamy	Ministry of Food Processing	2008	3 Years	50.00
154.	Modulation of Neural Immune Signaling by estrogen in reproductive aging	Dr. S. Thayagarajan	DST	2008	3 Years	37.44
155.	Career Award for Young Teachers	Ms. Shanthi Prince	ECE	2007	3 Years	10.50
156.	Prospecting of Genes for Oil Biosynthesis from Jatropha Curcas: Gene Discovery by pooled probe Hybridization and Large Scale EST Sequencing of Normalised cDNA Library from Developing Seeds	Dr. M. Parani	DBT	2007	3 Years	56.40
157.	Rhizosphere Microbial Community for Sulfur transformation in Rice	Dr. K. Ramasamy	DBT	2007	3 Years	30.13
158.	Development of Nan filters for water purification and removable of VOC's from contaminated Air	Mr. C. Goplakrishnan, Nanotechnology Centre	DBT	May 2007	5 Years	120.00
Total						9411.21