



PERIYAR UNIVERSITY

SALEM – 636011, TAMIL NADU, INDIA

NAAC A Grade - NIRF Rank **83** – ARIIA Rank **4**

LIST OF RESEARCH PROJECTS FUNDED BY GOVERNMENT AGENCIES

S. No.	Department	Name of the Principal Investigator/ Co Investigator	Name of the Scheme/Project	Funding agency	Year of Award	Funds provided (in lakhs)	Duration
1	Biochemistry	Dr. T. Palvannan (Mentor) Ganesan	Reversal of p-glycoprotein mediated multidrug resistant by depsipeptide in triple negative breast cancer cells.	UGC	2019-20	22.42	3 Years
2	Biochemistry	Dr. T. Palvannan (Mentor) Rejith	Targeted Tricetin loaded polymeric nanoparticles inhibiting p53-MDM2 interaction: Novel strategy for breast cancer therapy.	UGC	2019-20	22.42	3 Years
3	Biochemistry	Dr. T. Palvannan (Mentor) Pensluiyyan	Novel astaxanthin-s-allyl cysteine biconjugate against glucolipotoxicity in pancreatic beta cell: Delineating its effect on entangled “mTORC2/ unfolded protein response/mitochondrial stress” pathway to overcome diabetes.	Ministry of Health and Welfare	2019-20	29.40	3 Years
4	Chemistry	Dr. A. Lalitha (Mentor)	A cascade synthesis of novel azo fused nitrogen rich heterocyclic compounds and their applications in photophysical, biological and DFT studies	TNSCST	2019-20	0.075	6 Months
5	Chemistry	Dr. V. Raj	UGC Mid-Career Award - Development of Novel carrier from Natural Gums and Resins for sustained release of Lung Cancer Drug	UGC	2019-20	10.00	3 Years

6	Chemistry	Dr. D. Gopi (Mentor) P. Mohanapriya	Advanced In situ Grown Core-Shell Metal Nanostructure electrodes Derived from Deep Eutectic solvents with Superior Catalytic activity for Polyol Oxidation	CSIR	2019-20	23.61	3 Years
7	Commerce	Dr. K. Krishnakumar	Problems and Prospects of Rural Women Entrepreneurs in Informal Sectors with Reference to Tamilnadu	ICSSR	2019-20	11.00	2 Years
8	Computer Science	Dr. C. Chandrasekar	Seamless.....4G	UGC	2019-20	7.53	3 Years
9	Environmental Science	Dr. K. Murugesan	Realising Smart Cities	ERIA (ASEAN)	2019-20	5.32	1 Year
10	Food Science and Nutrition	Dr. S. Thilagavathi	Study of Quality of Life of Institutionalized Senior Citizens in Salem, Tamilnadu	ICSSR	2019-20	7.80	2 Years
11	Management Studies	Dr. R. Subramaniya Bharathi	An appraisal of awareness perception and digital competency of teachers of affiliated colleges of Periyar University towards E-learning resources and methodologies in higher education	ICSSR	2019-20	9.80	2 Years
12	Microbiology	Dr. R. Dhandapani (Mentor)	Microalgae as a potential candidate for the treatment of petrochemical effluent and co2 sequestration	TNSCST	2019-20	0.10	1 Year
13	Microbiology	Dr. P. Ayyasamy (Mentor)	Biosorption and Bioconversion of ground water nitrate using aerobic bacterial consortium through a lab scale process	TNSCST	2019-20	0.075	6 Months

14	Nutrition and Dietetics	Dr. S. Parameshwari	Impact of Mahatma Gandhi National Rural Employment Guarantee (MGNREGS) Scheme in Raising the Standard of Living and Nutritional Status of Rural Women in Salem District	MGNREGS	2019-20	4.95	1 Year
15	Nutrition and Dietetics	Dr. P. Nazni	Effect of Millet Breads on biomarkers of glucose metabolism in type II diabetes subjects: a randomized double blind controlled trail	ICMR	2019-20	32.39	3 Years
16	Psychology	Dr. S. Kadhiravan	Department of Child Welfare	Department of Social Welfare	2019-20	7.39	6 Months
17	Sociology	Dr. C. Gobalakrishnan	Involved Baseline survey for Establishing child hassle free union by District Administration	State Balanced Growth Fund, Tamilnadu	2019-20	0.85	1 Year
18	Sociology	Dr. T. Sundara Raj	Health seeking behaviour of Malayali Tribal Women in Salem district of Tamilnadu	ICSSR	2019-20	10.00	2 Years
19	Zoology	Dr. S. Kannan (Mentor)	Design of novel antibody decorated gold nanoparticle to target HER2 positive breast cancer	TNSCST	2019-20	0.075	6 Months
20	Biochemistry	Dr.T.Palvannan (Mentor) Chitra	Intertwine between mitochondrial biogenesis, dynamics and oxidative phosphorylation in the diabetes-associated cognitive decline: Identifying s-allyl cystein-astaxanthin diester as potential therapeutic intervention.	UGC	2018-19	22.42	5 Years

21	Biotechnology	Dr. N. Elangovan (Mentor) RENUGA	Identification and structural elucidation of Acanthus ilicifolius mangrove plant derived molecules for amyloid beta induced Alzheimer's disease: Behavioural neurochemical and molecular approach	UGC	2018-19	22.42	3 Years
22	Botany	Dr. D Arulbalachandran (Mentor) E.Dilipan	Assessment of population genetics (AFLP and microsatellite markers) of seagrasses (Cymodoceaceae family) in India	DST-SERB	2018-19	19.29	2 Years
23	Chemistry	Dr. D. Gopi	Development of novel and multifunctional duplex coatings on titanium alloy for orthopaedic implant applications	DST-SERB	2018-19	28.88	3 Years
24	Chemistry	Dr. D. Gopi	Development of Gigan Tea fibre reinforced conducting polymer/gastropoda derived bio-ceramic on 316L stainless steel	UGC-DAE-CSR	2018-19	6.89	3 Years
25	Chemistry	Dr. K. Shanmuga Bharathi	TNSCST Young Scientist Fellowship	TNSCST	2018-19	0.28	6 Months
26	Computer Science	Dr. K. Thangavel	UGC-SAP-DRS-II - Big Health Care Data Analytics Mobile Cloud Computing	UGC	2018-19	81.50	5 Years
27	Economics	Dr. D. Janagam	Bio-Diversity of Herbal Plants and Indigenous Knowledge of Tribals in Kolli Hills of Tamil Nadu	ICSSR	2018-19	8.00	2 Years
28	Education	Dr G. Hema	Effectiveness of Cognitive strategies on enhancing Generic skills of B.Ed Student Teachers	GRI-PMMNMTT	2018-19	3.15	1 Year
29	Energy Science	Dr. R. Thangappan	Investigation on hierarchically porous graphene/nitrogen-rich carbon foam composite materials for high performance	UGC	2018-19	10.00	2 Years

			supercapacitors				
30	Environmental Science	Dr. P. Thangavel	Insights into the mechanisms of Fe and Cd accumulation in rice: Prospecting towards Fe-enriched Cd-free rice	DST	2018-19	18.68	3 Years
31	Environmental Science	Dr. L. Sivakumar (Mentor) Seedevi	Marine natural biopolymer as a mediator to control the viral replication against viral induced mice; a source of Octopus and Seaweeds	DST-SERB	2018-19	19.20	2 Years
32	Food Science and Nutrition	The Head, Department of Food Science & Nutrition	DST-FIST-Level 1	DST	2018-19	84.00	5 Years
33	Management Studies	Dr. G. Yoganandan	An Empirical Study of Marketing Challenges and Opportunities in Flower Farming in Salem District of Tamilnadu, India	ICSSR	2018-19	5.00	2 Years
34	Mathematics	Dr. Selvaraj (Mentor) Ramanathan	A study on interplay between hypergraphs and rings	UGC	2018-19	22.42	3 Years
35	Microbiology	Dr. R. Balagurunathan	Bioprocess development and preclinical evaluation of novel anti TB antibiotic, Transitmycin isolated from marine Streptomyces sp. MTCC 5597	ICMR	2018-19	19.14	1 Year
36	Nutrition and Dietetics	Dr. P. Nazni	Effect of Millet Based Synbiotic Yoghurt Formulations on Functional Constipation and Gut Microflora in Elderly Persons	DST-SEED	2018-19	37.71	3 Years
37	Nutrition and Dietetics	Dr. P. Nazni	Formulation and antioxidant evaluation of value added convenience foods using processed millets	MoFPI	2018-19	42.20	3 Years

38	Physics	The Head, Department of Physics	DST-FIST-Level 2	DST	2018-19	163.00	5 Years
39	Physics	Dr. Ramesh (Mentor) Geerthana	Engineering hematite nanostructure for an efficient petrochemical hydrogen production	DST-WOS	2018-19	20.87	3 Years
40	Physics	Dr. R. Ramesh	Three Dimensional Iron Oxide Nanoarchitectures: Preparation, Processing and its Application in Solar Hydrogen Generation via PEC Water Splitting"	DST-SERB	2018-19	24.44	3 Years
41	Library	The Registrar	NHBM Scheme	DAE	2018-19	0.7	1 Year
42	Zoology	Dr. R. Maheswaran	Management of human vector mosquitoes using Actinomycetes from Western Ghats of Tamil Nadu - An Ecofriendly Approach	DST-SERB	2018-19	49.84	3 Years
43	Zoology	Dr. S. Kannan (Mentor) Shanmugam	Hormesis, an adaptive response of cancer cells: Trace the significance of conserved signalling pathway HSF-1 for Docetaxel drug resistance via Caenorhabditis elegans as an in vivo model	DST-SERB	2018-19	19.29	2 Years
44	Biochemistry	Dr. A. Sudha	Chemical characterization of Pleutorus eous polysaccharide and its tumour inhibitory effects against human hepatoblastoma HepG-2 Cells	TNSCST	2017-18	0.1	6 Months
45	Biotechnology	Dr. N. Natarajan	Larvicidal bioefficacy of endophytic fungal metabolites from Opuntia ficus india (L) mill (Cactaceae) against dengue and filariasis vector Aedes aegypti and Culex quinquefasciatus (Family culicidae)	TNSCST	2017-18	0.10	6 Months

46	Botany	Dr. D. Arulbalachandran (Mentor)	ABA amelioration on PEG induced drought stress of rice (Oryza sativa L.)	TNSCST	2017-18	0.1	6 Months
47	Chemistry	Dr. P. Viswanathamurthi	Pyrene/phenanthroimidazole based chemosensor for metal ions: Their application in live cell imaging and the resultant complexes as secondary probe for anions	CSIR	2017-18	6.00	3 Years
48	Commerce	Dr. A. Elangovan	Access to Land - Implications of Customary and Private Land Rights for Food Security	UGC-UKIERI	2017-18	42.67	5 Years
49	Commerce	Dr. M. Suguna	Socio Economic Development of Scheduled Castes in Tamilnadu	ICSSR	2017-18	6.00	2 Years
50	Environmental Science	Dr. P. Jayanthi	Ecological and Molecular toxicity studies of Neonicotinoid pesticide residues on Indigenous Earth worm species	DBT	2017-18	32.25	3 Years
51	Environmental Science	Dr. L. Sivakumar (Mentor) Sivasankar	Bioethanol production from complex hemicellulose agricultural wastes, using actinobacteria as the mediator: A measure of sustainable energy production	DST-SERB	2017-18	19.20	2 Years
52	Geology	Dr. S. Anbazhagan	Lithological and Mineral Abundance Mapping at Sittampundi Anorthosite Complex using AVIRIS - NG data analysis	Space Applications Centre (ISRO)	2017-18	19.00	3 Years
53	Geology	The Head, Department of Geology	DST-FIST-Level 2	DST	2017-18	119.50	5 Years

54	Management studies	Dr. G. Yoganathan (Mentor) Selvakumar	A study on employment opportunities and income generation in dairy industry in Tamil Nadu with special reference to Coimbatore region	ICSSR	2017-18	7.12	1 Year
55	Mathematics	The Head, Department of Mathematics	DST-FIST-Level 1	DST	2017-18	101.00	5 Years
56	Mathematics	Dr. A. Muthusamy (Mentor) Shanmugavadivu	Decomposition of graphs into cycles	DAE	2017-18	11.58	2 Years
57	Mathematics	Dr. M. Sambath	Stability and Hopf Bifurcation analysis of Stochastis - Predator - Prey Models with Diffusion	UGC	2017-18	10.00	2 Years
58	Microbiology	Dr A. Murugan	Value addition of mango pulp processing industry waste	TNSCST	2017-18	0.10	6 Months
59	Microbiology	Dr R. Dhandapani (Mentor)	Optimisation of industrial effluent system for cultivation of Microalgae	TNSCST	2017-18	0.10	6 Months
60	Microbiology	Dr. R.Dhandapani	Openpond cultivation of microalgae for CO2 capture & removal from thermal power plant	TNSCST	2017-18	3.75	2 Years
61	Nutrition and Dietetics	Dr. P. Nazni	Assessment and impact of nutrition education on the functional constipation of elderly persons	TNSCST	2017-18	0.10	6 Months
62	Physics	Dr. E.K. Giriya (Mentor) Gowri	Engineering of hematite nanostructure for an efficient petroelectrochemical hydeogen production	DST-SERB	2017-18	19.20	3 Years

63	Physics	Dr.P.M. Anbarasasn	Experimental and DFT study on reduced graphene based hybrid nanostructures for hydrogen evolution and energy storage applications	DST-SERB	2017-18	10.93	3 Years
64	Sociology	Dr. T. Sundara Raj	Ageing and Social Exclusion - An Inquiry into the abuses on Elderly women as a challenge to their dignity of life	National Commission for Women	2017-18	4.00	1 Year
65	Biotechnology	Dr. N. Elangovan (Mentor) K. Tamilselvan	Chemosensitizing effect of glaucarubinnone from simarouba glauca DC combined with paclitaxel/ mitoxantrone on ABCG2 over expressing human breast cancer in vivo and in vivo.	UGC	2016-17	22.42	3 Years
66	Biotechnology	The Head, Department of Biotechnology	DST-FIST-Level I	DST	2016-17	57.00	5 Years
67	Biotechnology	Dr. P. Indra Arulselvi	Exploration of plant rhizobial interation for enhanced phytoremediation and molecular mechanism	DST-SERB	2016-17	32.83	3 Years
68	Biotechnology	Dr. P. Perumal (Mentor) Kamaraj	Novel approach of silver and gold nanoparticles synthesis using seaweeds from south east coastal regions of Tamil Nadu and their antimalarial activities.	DST-SERB	2016-17	19.20	2 Years
69	Biotechnology	Dr. P. Perumal (Mentor) RAJA	The impact of climate change on population genomics, habitant ecology and molecular phylogeny of within populations and species of wild Zebrafish (danio rerio) and giant Danio (devario aequipinnatus) in streams /rivers of Western Ghats and eastern Himalyas	UGC	2016-17	22.42	3 Years

70	Biotechnology	Dr. P. Venkatachalam (Mentor) Senthilkumar	Development of functional molecular markers for salinity tolerance from indigenous rice varieties grown in Eastern Ghats of Tamil Nadu	UGC	2016-17	22.42	3 Years
71	Botany	Dr. S. Murugesan	Training on edible mushroom cultivation technology for unemployed women, SC/ST population in the Salem district, Tamil Nadu, India	DST-SERB	2016-17	38.01	4 Years
72	Chemistry	Dr. D. Gopi (Mentor) Navaneetham Duraisamy	Nanostructured metal carbonates intercalates 2D reduced graphene oxide (rGO) based hybrid electrode materials for High performance supercapacitors applications	UGC	2016-17	22.42	3 Years
73	Chemistry	Dr. D. Gopi	Tailoring of rare earth substituted hybrid ceramics for biomedical applications	CSIR	2016-17	16.3	3 Years
74	Chemistry	Dr. K. Shanmuga Bharathi	Development of New Unsymmetrical Macro.... - UGC Start-up-Grant	UGC	2016-17	6.00	3 Years
75	Chemistry	The Head, Department of Chemistry	UGC-SAP (DRS 1) - Nanotechnology, Coordination Chemistry and Biomedical Nanotechnology	UGC	2016-17	112.00	5 Years
76	Commerce	Dr. K. Marathamuthu (Mentor) Munusamy	Information Technology and System Management in District Central Cooperative Banks in Tamilnadu	UGC	2016-17	33.76	5 Years
77	Energy Science	Dr. P. Maadeswaran	Unidirectional Growth of Some Amino Acid Family Single Crystals by Novel Solution Growth Method and Their Applications	UGC	2016-17	10.00	2 Years

78	Environmental Science	Dr. K. Murugesan (Mentor) S. Sathya	Fabrication of paclitaxel loaded calcium phosphate nanoparticle: A novel nanocomposite for bone cancer treatment	DST-WOS	2016-17	24.6	3 Years
79	Environmental Science	Dr. K. Murugesan	Development of an Innovative Bioprocess for Treatment and Recycling of Domestic and Industrial Wastewater	DST-WTI	2016-17	48.604	3 Years
80	Environmental Science	Dr. K. Murugesan	Investigation and Development of an Integrated Strategy for Enhanced Degradation of Persistent organic Pollutants and Biogas Production from sewage sludge	DST-SERB	2016-17	35.97	3 Years
81	Environmental Science	Dr. L. Sivakumar	Functional Role of c-Met in the Regulation of Topol and Pax5 and Therapeutic Inhibition in Small Cell Lung Cancer (SCLC)	DST-SERB	2016-17	48.08	3 Years
82	Environmental Science	Dr. P. Thangavel	Phytoremedial assessment of metal tolerant flora in the vicinity of metal based industrial clusters of western Tamil Nadu	MoEF&CC	2016-17	50.6771	3 Years
83	Journalism and Mass Communications	Dr. V. Nataraj	UGC-SAP (DRS-I) - Health Communication and Media and Ethnic Group	UGC	2016-17	48.00	5 Years
84	Library and Information Science	Dr. E. S. Kavitha	Awareness and Usage of Electronics Resources By SC and ST Research Scholars and PG Students in Periyar University and its Affiliated Colleges :An Analytical Study	ICSSR	2016-17	1.50	2 Years
85	Mathematics	The Coordinator, DRS-1, Department of Mathematics	UGC-SAP-DRS-1 - Algibra, Graph, and Differential Equations	UGC	2016-17	80.50	5 Years

86	Geology	Dr. S. Anbazhagan	Big Data Analysis-Hyperspectral Data (BDA-HSRS)	DST	2016-17	34.44	5 Years
87	Geology	Dr. S. Anbazhagan	Geomorphic process and Morphometric analysis of Cusus and Columbia valles networks on Martian surface	ISRO	2016-17	17.86	3 Years
88	Geology	Dr. S. Anbazhagan	Lithological and Geomorphological Mapping of Selected Lunar Vallis using Chandrayaan1 HySI and TMC Integrated data analysis (Project "Lunar")	ISRO	2016-17	18.03	3 Years
89	Mathematics	Dr. S. Karthikeyan	Studies on extension and blow up of solutions of partial differential equations	DST-SERB	2016-17	4.39	3 Years
90	Microbiology	Dr. R. Balagurunathan	Characterization, structure elucidation and drug ability studies of three potential anti TB metabolites from novel Streptomyces sp. ANS2 isolated from Andaman and Nicobar marine sediments	DBT	2016-17	28.95	3 Years
91	Microbiology	Dr. R. Balagurunathan (Mentor) K. Kavitha	Graphene nanoparticles	UGC	2016-17	22.42	3 Years
92	Microbiology	The Head, Department of Microbiology	DST-FIST-Level I	DST	2016-17	61.00	5 Years
93	Nutrition and Dietetics	Dr. P. Nazni	Formulation and Evaluation of Processed Millet Flour based Oral Rehydration Solutions in the Management of Childhood Diarrhea	DST-SEED	2016-17	28.71	3 Years

94	Physics	Dr. E. K Grija	Pilot studies on microwave conversion of eggshell into nanostructured hydroxyapatite for biomedical applications and to design and fabricate continuous flow microwave reactor for scaling up the process	DST	2016-17	54.1	3 Years
95	Physics	Dr. T. Pazhanivel	Systematic Investigation On Growth Of Nanocrystalline Nickel Cobaltite Spinel: A Significant Role Of Cationic Distribution For A Selective Detection Of Explosive Gas At Room Temperature	UGC	2016-17	6.00	2 Years
96	Physics	Dr. R. Ramesh	Preparation Of Nanostructured Hematite Photoanode For Efficient Photoelectrochemical Hydrogen Production,	UGC	2016-17	10.00	2 Years
97	Biochemistry	Dr.T. Palvannan (Mentor) Chitra	Understanding the neuroprotective and neurotrophic effects of Asiatic acid against endogenous neurotoxin quinolinic acid-induced neuronal toxicity.	DST-SERB	2015-16	19.29	2 Years
98	Zoology	Dr. S. Kannan (Mentor) Vimala	The suppression of prostate cancer cell growth by erbitaxloaded PEGlyatd Zinc oxide nanoparticle through GRP78 controlled apoptosis for the development of human welfare	UGC	2016-17	33.76	5 Years
99	Biochemistry	Dr. V. Manju	Molecular and Biochemical approach to the anticarcinogenic effect of Eriodictyol, dietary flavonoids in DMH induced colon carcinogens	DST-SERB	2015-16	18.9	3 Years
100	Biochemistry	Dr. V. Manju	Synergistic effects of selected anticancer drugs with Vitamin C against colon carcinogenesis models	UGC	2015-16	13.36	3 Years

101	Biochemistry	Dr. T. Palvannan	Novel MASP-2 inhibitor from Indian medicinal plants from protection against Myocardial infarction	CSIR	2015-16	15.00	1 Year
102	Biotechnology	Dr. Perumal (Mentor) Balasubramaniam	A molecular approach to explore high density polyethylene (HDPE) degrading enzymes and genes in Enterobacter gergoviae	DST-SERB	2015-16	32.5	3 Years
103	Chemistry	Dr. A. Lalitha	Design and utilization of metal nitrate supported HY-Zeolite as catalyst for the eco-friendlier organic syntheses	CSIR	2015-16	14.94	3 Years
104	Chemistry	Dr.V.Raj (Mentor) Mohanapriya	Preparation and Characterization of template-assisted Novel Nanostructures for Fuel cell Electrocatalysis	UGC	2015-16	22.42	3 Years
105	Chemistry	Dr. V. Raj	Development of polymer impregnated nanoceramic coatings on metals for enhanced corrosion resistance	DST-SERB	2015-16	18.23	3 Years
106	Chemistry	Dr.R. Rajavel	Lasing the DNA fragments through highly effective copper (II), Ni (II), Pd(II) and Mo(V) Schiff base metal complexes - An in-vitro and in-vivo approach of antitumor studies via cell-lines	CSIR	2015-16	3.50	3 Years
107	Chemistry	Dr. P. Viswanathamurthi	Versatile coordination behaviour of pincer NHC ligands with transition metals (Ni,Cu,Ru and Pd their homogenous catalysis for amidation reactions	DST-SERB	2015-16	29.43	3 Years
108	Chemistry	Dr. P. Viswanathamurthi	Transition metal based homogeneous catalysts containing N-Heterocyclic carbene ligands: Synthesis, characterization and applications	DST-SERB	2015-16	25.18	3 Years
109	Commerce	Dr. A. Elangovan (Mentor) SKP Palanisamy	Financial and Technological Adaption of SIPCOT Industries towards Make in India	ICSSR	2015-16	18.92	3 Years

110	Computer Science	Dr. H. Hannah Inbarani	Web 2.0 technology enhanced personalized e learning using computational intelligent technologies	UGC	2015-16	11.83	3 Years
111	Computer Science	Dr. K. Thangavel	Multimodal Biometric System for authentication for rough neural network	UGC	2015-16	13.92	3 Years
112	Education	Dr. R. Ramesh , Dr. M. Vakkil & Mr. R. Vinodh Kumar	Teaching and Learning in Indian Higher Education	NUEPA, New Delhi	2015-16	4.42	2 Years
113	Geology	Dr. S. Venkateswaran	Vaniyar GIS Assessment on the impact of Artificial Recharge Structures, Identification on Non-functional Structures and Basin, Ponaiya River, South India	DST-NRDMS	2015-16	17.55	2 Years
114	Geology	Dr. S. Anbazhagan (Mentor) Jothibasu	Climate change impact on groundwater resources in Ponnaiyar river basin southern India.	UGC	2015-16	33.76	5 Years
115	Geology	Dr. S. Venkateswaran (Mentor) Vijayprabhu	Enviromental impact assessment and coastal goal management in the Ramanathapuram district using geospatial technique	UGC	2015-16	33.76	5 Years
116	Management Studies	Dr. N. Rajendhran (Mentor) Silambarasan	Impact of global crisis on Indian MSME a study with a special reference Tamilnadu state of India	UGC	2015-16	33.76	5 Years
117	Mathematics	Dr. A. Muthusamy	Decomposition of graphs and products, pats, cycle and stars	DST-SERB	2015-16	11.85	3 Years
118	Microbiology	Dr. R. Balagurunathan	Diversity and bioprospecting of marine actinobacteria for antimicrobial, anti TB, anti HIV and immunemodulatory studies	DBT	2015-16	141.75	3 Years

119	Microbiology	Dr. R. Balagurunathan	In vitro efficacy studies on Transitmycin	ICMR	2015-16	4.76	1 Year
120	Nutrition and Dietetics	Dr. P.Nazni	Formulation and quality evaluation of traditional food items based on complementary feeding mixes for infants	ICMR	2015-16	14.22	2 Years
121	Sociology	Dr. Sethurajkumar (Mentor) Prabakaran	Issues of Landless Women Agricultural labourers among Tribal community in Salem Region	ICSSR	2015-16	18.92	3 Years
122	Sociology	Dr. C. Gobalakrishnan (Present PI)	Effect of open defection - A Sociological study with special reference to women, Adolescent Girls and Children in Tamilnadu	ICSSR	2015-16	15	2 Years
123	Sociology	Dr. T. Sundara Raj	Social Exclusion and Inclusion of Transgender in Salem District Tamilnadu	ICSSR	2015-16	22	3 Years
124	Textiles and Apparel Design	Dr. S. Lakshmi Manokari	Synthesis of Phyto Nano Particles Using Wrightia tinctoria and developing wound dressing with viscose non woven for diabetic wound	UGC	2015-16	9.91	3 Years
125	Zoology	Dr. S. Kannan	Tigatzumab antibody conjugated palladium nanoparticle loaded g- sitosterol delivery to suppress c-MET expression in Breast Carcinoma - UGC	UGC	2015-16	14.52	3 Years
126	Zoology	Dr. N. Kayalvizhi	Mechanistic action of bacteriocin in eukaryotic cells ans its potential application as a drug	DST-WOS	2015-16	21.56	3 Years
127	Zoology	Dr. N. Kayalvizhi	Insect Gut Microbes: production of tannase with potential use in food industry - DST	DST-YS	2015-16	17.8	3 Years
128	Zoology	Dr. R. Maheswaran	Development of novel mosquitocidal biopesticide from Actinomycetes - UGC	UGC	2015-16	13.35	3 Years

129	Zoology	Dr. A. Nareshkumar	Use of GIS in predicting proliferation of vector borne diseases and related environmental factors in Salem District, Tamil Nadu, India - DST	DST-YS	2015-16	16.54	3 Years
130	Botany	Dr. D. Arulbalachandran	Lead induced chromosomal aberrations in Black gram (Vigna mungo L. Hepper)	UGC	2015-16	6.00	2 Years
131	Botany	Dr. S. Murugesan	Phytochemistry, Pharmacological and Pharmacognostical studies on Justicia gerdarussa Linn. Potential for Pharmaceutical Applications	UGC	2015-16	6.00	2 Years
132	Food Science and Nutrition	Dr. K. Karthikeyan	Effect of Ketogenic Diet on Cases of Parkinson disease in Animal Model	UGC	2015-16	6.00	2 Years
133	Physics	Dr. J. Kalyana Sundar	Synthesis, bulk size growth and characterization of Glycine based metal nitrates and sulphates	UGC	2015-16	6.00	2 Years



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S. No.	Department	Name of the Principal Investigator	Name of the Project	Name of the Funding agency	Year of Award	Funds Provided (in lakhs)	Duration of the project
1.	Biotechnology	Dr. P. Venkatachalam	Screening and molecular identification of alternate latex producing plant resources from South India for sustainable supply of natural rubber (NR)	CEAT, Gujarat, India	2019-20	7.00	1 year
2.	Biotechnology	Dr. P. Venkatachalam	Screening and molecular identification of alternate latex producing plant resources from South India for sustainable supply of natural rubber (NR)	CEAT, Gujarat, India	2018-19	7.00	1 year
3.	Microbiology	Dr. A. Murugan	Enhancing the plant growth promoting properties of seaweed extract	S S Biochem, Salem	2015-16	2.65	2 year