

DETAILS OF THE RESEARCH PROJECTS

DEPARTMENT OF BIOCHEMISTRY

S.No	Title of the project	Funding agency	Duration of the project	Amount (Rs.)	Status
Dr.T.Palvannan					
1	Novel MASP-2 inhibitor from Indian medicinal plants for protection against myocardial infarction	CSIR-HRDG	2012-2015	15 Lakhs	Ongoing
Dr. M. Suriyavathana					
1	Bioefficacy of Nutraceuticals – The Future Safe Medicine	UGC	2010-2013	9.3 Lakhs	Completed
Dr. V. Manju					
1	Synergistic effects of selected anti-cancer drugs with Vitamin - C against coloncarcinogenesis models	UGC	2012-2015	13.36 Lakhs	Ongoing
2	Molecular and Biochemical approach to the anti-carcinogenic effect of eriodictyol, dietary flavonoid in DMH induced colon carcinogenesis	DST	2013-2016	18.9 Lakhs	Ongoing

DEPARTMENT OF BIOTECHNOLOGY

S.No	Title of the project	Funding agency	Duration of the project	Amount (Rs.)	Status
Dr.P.PERUMAL					
1	Marine ecotoxicological studies on planktonic organism for deriving sea water quality criteria	MoES – ICMAM	2007-2010	8.65 Lakhs	Completed
2	Investigations on the fish parasites of Coleroon estuary with reference to crustaceans	CSIR	2007-2008	2.25 Lakhs	Completed
3	Studies on the molecular taxonomy and phylogeny of marine zooplankton (Calanoida : Arthropoda) from the Tamil Nadu and Puducherry Coast	UGC	2011-2014	8.80 Lakhs	Completed
4	Antimalarial activity of Marine Seaweeds from Bay of Bengal, Tamil Nadu (Co-PI: Dr. N. Elangovan)	DRDO – LSRB	2012-2014	15.16 Lakhs	Completed
5	Studies on copepod, <i>Macrosetella gracilis</i> as a possible vector for <i>Macrobrachium rosenbergii</i> nodavirus (MrNV) and extra small virus (XSV) to freshwater prawn <i>Macrobrachium rosenbergii</i> post – larvae	TNSCST	2010-2011	10,000/-	Completed
6	Studies on screening of non-nucleoside methyltransferase inhibitor from marine seaweeds of Rameshwaram, southeast coast of India	TNSCST	2012-2013	10,000/-	Completed

Dr. P. VENKATACHALAM					
1	Development of an Efficient Protocol for <i>in vitro</i> Clonal Propagation and DNA fingerprinting analysis of selected Endangered Medicinal Plants of Conservation concern from South India	UGC	2010-2013	13.49 Lakhs	Completed
2	Enhanced production of secondary metabolites in callus, suspensions and hairy root cultures of <i>Gloriosa 2uinin</i> by elicitation, immobilization and permeabilization techniques	CSIR	2012-2015	37.3 Lakhs	Ongoing
3	Elucidation of molecular 2uinine2e for the lack of latex 2uinine2esis during the onset of tapping panel dryness (TPD) syndrome in high yielding rubber tree (<i>Hevea brasiliensis</i>)	DBT	2012-2015	55.3 Lakhs	Ongoing
4	Monitoring and remediation of heavy metal contamination in Coimbatore wetlands by green approach (Co-principal investigator)	UGC	2012-2015	7.85 Lakhs	Ongoing
5	Screening and Identification of fluoride hyperaccumulator plant species: A green phytoremediation approach	TNSCST	3 months (2014)	7,500/-	Completed
Dr. N. ELANGO VAN					
1	Waste-to-Biofuel: Exploration and exploitation of soil and cassava waste microbial diversity for enhanced bio-butanol producing novel bacterial isolate(s)(Co-PI: Dr. P. Indra Arulselvi)	UGC	2010-2013	13.29 Lakhs	Completed
2	Neuroprotective effect of 7,8 dihydroxyflavone nanocomplex against rotenone induced SK-N-SH cellular model of Parkinson disease: Insights into heat shock protein regulation	ICMR/35 /34/2013-BMS	2014-2017	22.75 Lakhs	Ongoing
Dr. D. NATARAJAN					
1	Screening of antimicrobial and insecticidal activity of selected medicinal plants from eastern Ghats of Tamil Nadu. (Co-PI: Dr. M. S. Shivakumar)	UGC	2010-2013	6.38 Lakhs	Completed
2	Validation of herbal Practices in Salem Region sourced from NIF Database	NIF (DST)	2011-2012	4.2 Lakhs	Completed
3	Molecular characterization and degradation ability of prevailing microbes associated with heavy metal polluted sites (Bauxite mines), kolli hill, Eastern Ghats, Tamilnadu.	DST-SERB – Young Scientist Scheme	2013-2016	16.1 Lakhs	Ongoing

4	Identification of novel plant based bioactive compounds for controlling multi-drug resistant bacterial (MDRB), isolated from infected patients of Salem and Namakkal districts	TNSCST	2014-2016	4.15 Lakhs	Ongoing
5	Larvicidal, pupicidal and adulticidal potential of two <i>Ocimum</i> spp. Against <i>Aedes aegypti</i> and <i>Culex quinquefasciatus</i>	TNSCST	03 months (2013-2014)	7,500/-	Completed
Dr. P.INDRA ARULSEVI					
1	Bioprospecting of hydrocarbon contaminated soil and using agro waste(s) for enhanced production of Polyhydroxy Alkanotes (PHA)	DST-SERB	2012- 2015	23.26 Lakhs	Ongoing
Dr. M.S. SHIVAKUMAR					
1	Molecular mechanisms underlying insecticide resistance among mosquito vectors <i>Ae. aegypti</i> , <i>Cx. quinquefasciatus</i> and <i>An. stephensi</i>	DST-SERB	2012-2015	21.00 Lakhs	Ongoing
2	Development of new plant based insecticides for larval and adult mosquito control (Co-PI: Dr.D.Natarajan)	ICMR	2013-2015	14.51 Lakhs	Ongoing
3	Gene expression studies on mechanisms underlying the role of melatonin as a free radical scavenger and developmental enhancer in insects	UGC-MRP	2013-2016	12.55 Lakhs	Ongoing

DEPARTMENT OF BOTANY

S.No	Title of the project	Funding agency	Duration of the project	Amount (Rs.)	Status
Dr.D. ARUL BALACHANDRAN					
1	Lead induced chromosomal aberrations in Black gram (<i>Vigna mungo</i> L. Hepper)	UGC	2014-2016	6.0 Lakhs	Ongoing
Dr. S. MURUGESAN					
1	Phytochemistry, Pharmacological and Pharmacognostical studies on <i>Justicia gerdarussa</i> Linn. Potential for Pharmaceutical Applications	UGC	2014-2016	6.0 Lakhs	Ongoing

DEPARTMENT OF CHEMISTRY

S. No	Title of the project	Funding agency	Duration of the project	Amount (Rs.)	Status
Dr. A.K. RAMASAMY					
1	Tuning the band gap of Titanium Dioxide photocatalyst to enhance its activity in sunlight for the application in remediation of polluted environment	UGC	2011-2014	5.29 Lakhs	Completed
Dr. V. RAJ					
1	Wealth from waste: Production of ethanol from sago solid waste	Salem-Dharmapuri Chamber of Commerce	2006-2007	52,000/-	Completed
2	Formation of ceramic alumina nanocomposite coatings on aluminium by plasma electrolytic oxidation	UGC	2007-2010	4.31 Lakhs	Completed
3	Carbon nanotube modified electrodes for enhanced voltammetric sensing of organic pollutants	DST	2007-2010	33.6 Lakhs	Completed
4	Synthesis of nanocrystalline nickel on aluminium	UGC	2009-2011	1.75 Lakhs	Completed
5	Fabrication of magnetic and semiconductor nanostructures on aluminum	CSIR	2010-2013	17.26 Lakhs	Completed
6	Synthesis of nanocrystalline copper by pulse electrodeposition	UGC	2011-2013	18.0 Lakhs	Completed
Dr. P. VISHWANATHAMURTHI					
1	Transition metal based homogeneous catalysts containing N-heterocyclic carbene ligands: Synthesis, characterization and applications	DST	2012-2015	25.18 Lakhs	Ongoing
2	Transition metal complexes containing quinone derivatives of semicarbazone/thiosemicarbazone: Synthesis, structure and applications	CSIR	2011-2013	13.80 Lakhs	Completed
3	Synthesis, structural and catalytic studies of Ru (II) and Ru (III) complexes containing PPh ₃ /AsPh ₃ and unsymmetrical Schiff base ligands	UGC	2011-2014	6.50 Lakhs	Ongoing
4	New Ruthenium chalconate complexes and their catalytic activity	CSIR	2006-2009	10.20 Lakhs	Completed
Dr. D. GOPI					
1	A cost effective approach of protection against scaling and corrosion	UGC	2007-2010	4.46 Lakhs	Completed

S. No	Title of the project	Funding agency	Duration of the project	Amount (Rs.)	Status
2	Development of nanohydroxyapatite coatings for biomedical applications	TNSCST	2009-2011	1.61 Lakhs	Completed
3	Development of Nanohydroxyapatite coatings for orthopedic applications	DST	2009-2012	6.15 Lakhs	Ongoing
4	A facile and versatile approach for the development of hybrid nano hydroxyapatite synthesis, structure refinement and its coatings for biomedical applications	ICMR	2011-2014	28.8 Lakhs	Ongoing
5	A New Class of Triazole Derivatives As Effective And Eco-Friendly Pitting Corrosion Inhibitors For Low Nickel Stainless steel	UGC	2011-2014	6.98 Lakhs	Ongoing
6	Development of hybrid bio-ceramic coatings on surface treated titanium alloy for implant applications	DST-TSD	2011-2014	23.85 Lakhs	Ongoing
7	Fabrication of mineralized nanobioceramic coatings for orthopedic applications	CSIR	2011-2014	14.00 Lakhs	Ongoing
8	Coating of Strontium substituted hydroxyapatite on surgical grade 316 L SS by electrodeposition method for biomedical applications	DST-Women Scientist – A		18.4 Lakhs	Mentor Dr. D.Gopi
9	A new class of triazole derivatives as effective and eco-friendly pitting corrosion inhibitors for low nickel stainless steel	UGC	2011-2014	6.98 Lakhs	Ongoing
10	Development of carbon nanotubes reinforced hydroxyapatite coatings for orthopedic applications	DST	2013-2017	39 Lakhs	Ongoing
11	Development of novel conducting copolymer coating for anti corrosive applications	DRDO	2014-2016	15.65 Lakhs	Ongoing
12	Synthesis and coating optimization of carboxy-methyl chitosan/ carbon nanotubes/ strontium substituted hydroxyapatite composite coating on surgical grade stainless steel for biomedical applications	UGC	2014-2016	31.64 Lakhs	Ongoing
Dr. R. RAJAVEL					
1	Synthesis, spectroscopic studies of Binuclear Schiff base Metal Complexes of Cu(II),Ni(II) and VO(IV) and their Application in DNA Binding, Cleavage and Antimicrobial Activity	UGC	2010-2013	7.11 Lakhs	Completed

S. No	Title of the project	Funding agency	Duration of the project	Amount (Rs.)	Status
Dr. A. LALITHA					
1	Photochemistry of non-steroidal anti-inflammatory drugs in zeolite cavities	DST	2004-2007	16.92 Lakhs	Completed
2	Effect of light on fluoroquinolone antibiotics encapsulated inside mesoporous materials	UGC	2007-2010	6.684 Lakhs	Completed
3	Design and utilization of metal nitrate supported HY-Zeolite as catalysts for the Eco-friendlier Organic Syntheses	CSIR	2012-2015	14.94 Lakhs	Ongoing
Dr. V. SUJATHA					
1	To determine the phenolics and flavanoids content and their free radical scavenging effect in <i>Cassia fistula</i> flower extracts	UGC	2010-2012	1.72 Lakhs	Completed
2.	Studies on isolation, structural elucidation and invitro biochemical applications of free radicals quenching compounds (Phenolics and Flavonoids present in <i>Albizia amara</i> and <i>Albizia Saman</i> leaves)	UGC	2015-2018	11.786 Lakhs	Ongoing

DEPARTMENT OF COMMERCE

S.No	Title of the project	Funding agency	Duration of the project	Amount (Rs.)	Status
Dr. A. ELANGO VAN					
1	Waste Management – An interdisciplinary post consumption methane reduction project in select ward of Salem district, Tamil Nadu – A holistic behavioural approach	UGC		3.887 Lakhs	Interim Report submitted
Dr. A. JAYAKUMAR					
1	A study on impact VAT implementation in India	UGC		3.85 Lakhs	Completed
Dr. A. VINAYAGAMOORTHY					
1	A study on awareness and attitude with postal investors investment pattern and rural savings in Tamil Nadu	Malcolm and Elizaeth Adiseshiah Trust, Chennai		1.1 Lakhs	Ongoing
2	International Financial Reporting Standards –Current Scenario (Problems and Prospects).	UGC		7.988 Lakhs	Ongoing

S.No	Title of the project	Funding agency	Duration of the project	Amount (Rs.)	Status
3	Micro Insurance: An Effective Strategy to Reduce Poverty (A Study with Special Reference to Salem District.	ICSSR		7 Lakhs	Ongoing
Dr. K. MARUTHAMUTHU					
1	Marketing strategies and financial viability of tribal self help groups – A study in Tamil Nadu	UGC	2012-	5.75 Lakhs	Ongoing
Dr. K. PRABHAKAR RAJKUMAR					
1	The impact of NABARD refinance on socio-economic development of self help groups in Tamil Nadu	UGC		6.04 Lakhs	Completed

DEPARTMENT OF COMPUTER SCIENCE

S.No	Title of the project	Funding agency	Duration of the project	Amount (Rs.)	Status
Dr. K. THANGAVEL					
1	Motif Detection in Protein sequences using Data Mining	UGC	2009-2012	7.49 Lakhs	Completed
2	A study on interior point methods for solving optimization problems	UGC	1999-2001	30,000/-	Completed
3	Developing an efficient algorithm for solving linear fractional programming and quadratic programming problems using Fourier-Motzkin variable elimination method	UGC	1995-1997	70,000/-	Completed
Dr. C. CHANDRASEKAR					
1	Seamless Mobility across different mobile networks in 4G	UGC	2012-2015	7.56 Lakhs	Ongoing
Mr. S. SATHISH					
1	Study on Cache based Routing in Mobile ad-hoc networks using rough set theory	UGC		2 Lakhs	Ongoing
Dr.H.HANNAH INBARANI					
1	Web 2 Technology enhanced personalized E-Learning	UGC - Major		11.84 Lakhs	Ongoing
Mr. I. LAURENCE AROQUIARAJ					
1	Early detection of Breast cancer from Mammogram using soft computing techniques	UGC - Minor	2012-2014	2 Lakhs	Ongoing
Mrs. R. RATHIPRIYA					
1	A Study on evolutionary biclustering approach to identify the optimal customer groups for target marketing	UGC – Minor		1.90 Lakhs	Ongoing

DEPARTMENT OF ECONOMICS

S.No	Title of the project	Funding agency	Duration of the project	Amount (Rs.)	Status
Dr. S. RAJENDRAN					
1	Estimation of Demand and Supply of Rural Energy in Salem District	TNEDA, Chennai		3.50 lakhs	Completed
2	Comparative Study of Income and Employment Generation under Organic and Conventional Farming System	UGC		4.43 lakhs	Completed
3	Availability and Access of Educational Service in Backward Region of Salem District	TNSPC Chennai		5.5 lakhs	Ongoing
4	Statistical Survey for Concurrent Estimation of Coconut Production in Dharmapurai and Krishnkrishi Districts	CSIR	2012-2013	69,730/-	Completed
5	Statistical Survey for Concurrent Estimation of Coconut Production Dharmapuri and Krishnkrishi in Tamil Nadu	CSIR	2013-2014	1.10 Lakhs	Completed
6	Statistical Survey for Concurrent Estimation of Coconut Production Vellore and Krishnagiri in Tamil Nadu for 2014-2015	Coconut Development Board, Government of India	2014-2015	1.45 lakhs	Ongoing
Dr. A. SUGIRTHA RANI					
1	Millennium Development Goals (MDGs) and Dimensions of Social Exclusion in Marginalised Communities	UGC		5.6 lakhs	Ongoing
2	Integrated Health, Education and Living Environment in Urban Slum	Malcom Elizabeth Seshaiiah Trust (MEAT), Chennai		One Lakh	Ongoing
Dr. D. JANAGAM					
1	Economic and Environmental implications of Hospital Waste Management in Salem City	Malcom & Elizabeth Adiseshiah Trust, Chennai	2007-2009	1.17 Lakhs	Completed
Mr. V. VAITHIANATHAN					
1	Access, Equity and Quality Health care Through National Rural Health Mission	Malcom Elizabeth Seshaiiah Trust (MEAT), Chennai		92,000/-	Completed

DEPARTMENT OF EDUCATION

S.No	Title of the project	Funding agency	Duration of the project	Amount (Rs.)	Status
Dr. K. NIRMALA					
1	Proliferation of value education through technology enhanced pedagogy and methetics in schools	ICSSR		6.36 Lakhs	Completed
Mr. M. VAKKIL					
1	Effectiveness of Attention Activating Strategies among the Students with Attention Deficit Hyper Activity Disorders	UGC		4.00 Lakhs	Completed
2	Effectiveness of Integration of information and Communication Technology in B.Ed Teacher Education Curriculum	ICSSR		3.31 Lakhs	Completed
3	Computer Basics Education to Muslim Women of Salem District in Tamil Nadu	MKU		3.00 Lakhs	Completed

DEPARTMENT OF ENGLISH

S.No	Title of the project	Funding agency	Duration of the project	Amount (Rs.)	Status
Mrs. K. SINDHU					
1	Socio Economic Barriers in Second Language Acquisition – A study among school dropouts in Rural Areas of Salem District	UGC	2010-2012	80,000/-	Completed
Mrs. B.J. GEETHA					
1	Role of English Language Portals in Imparting Communication Skills of College Students of Salem District	UGC	2010-2012	95,000/-	Completed

DEPARTMENT OF FOOD SCIENCE AND NUTRITION

S.No	Title of the project	Funding agency	Duration of the project	Amount (Rs.)	Status
Dr. T. POONGODI VIJAYAKUMAR					
1	Development and evaluation of Nutrition composite bar as a breakfast supplement for mid day meal beneficiaries and its technology transfer	UGC	2009-2012	9.26 Lakhs	Completed
2	Nutritional and non-nutritional consequences on mental health and academic performance of adolescent girls and education for better living	Malcolm Elizabeth and Adiseshiah Trust, Chennai	2007-2008	1.00 Lakhs	Completed
3	Holistic approach to empower the nutritional status, mental health and academic performance of Adidravidar adolescent girls	Malcolm Elizabeth and Adiseshiah Trust, Chennai	2007	15,000/-	Completed

S.No	Title of the project	Funding agency	Duration of the project	Amount (Rs.)	Status
4	Curriculum based intervention strategy to combat malnutrition and learning disability among Adidravidar and tribal children (3-6 years)	Malcolm Elizabeth and Adishesiah Trust, Chennai	2008	27,500/-	Completed
5	Evaluation of Nutritional and Medicinal characteristic of wood apple seed (<i>limonia acidissima</i>)	DRDO	2014-2017	17.25 Lakhs	Ongoing
Dr. P. NAZNI					
1	Glycemic index of potato based preparations by different cooking methods in healthy and NIDDM subjects	Malcolm Elizabeth and Adishesiah Trust, Chennai	2007-2008	10,000/-	Completed
2	Extraction and assessment of glycemic index of dietary and herbal based mucilage's on the selected type II diabetic subjects	TNSCST	2007-2008	5,000/-	Completed
3	Efficacy of Neutraceuticals on Blood glucose and lipid profile among south Indian type 2 diabetic population-the Salem urban population study	RSSDI	2007-2008	40,000/-	Completed
4	Nutritional assessment and impact of casein and gluten free dietary intervention on behavioural pattern of the selected autistic children	Malcolm Elizabeth and Adishesiah Trust, Chennai	2008-2009	14,750/-	Completed
5	Supplementary effect of potato based amylase rich foods (ARF) on the cognitive development in children and impact of IEC on the nutritional knowledge and practice of adhidravidar mothers to combat malnutrition in rural homes of Salem district	Malcolm Elizabeth and Adishesiah Trust, Chennai	2008-2009	49,500/-	Completed
6	Preparation, nutritional evaluation and consumer attitudes towards acceptability of enhanced duck meat products	TNSCST	2008-2009	5,000/-	Completed
7	Effect of Yogic exercise on mental health and academic achievement of school children	TNSCST	2009-2010	6,000/-	Completed
8	Antidiabetic and antilipidemic effect of <i>Cardiosporum halicacabum</i> Linn. Leaf extract on STZ-induced type 2 diabetic model	TNSCST	2010-2011	6,000/-	Completed
9	<i>In vitro</i> and <i>in vivo</i> glycemic responses of various medicinal plants among south Indian type II diabetic population	RSSDI	2009-2011	4.7 Lakhs	Completed

S.No	Title of the project	Funding agency	Duration of the project	Amount (Rs.)	Status
10	Breakfast and Yoga patterns and its impact on nutritional status, academic performance and personality traits of South Indian adolescents (13-18 years)	UGC	2009-2012	10.56 Lakhs	Completed
11	Nutri ball supplementation and its impact on nutritional affective and health among south Indian senior citizens	DST	2010-2013	7.92 Lakhs	Completed
12	Effect of a Green Vegetable (HIBISCUS Sabdariffa calyces) on Mildly Hypertensive Adults	ICMR	2012-2013	6.26 Lakhs	Completed
13	Nutritional Assessment and Nutrition Education to the Mothers of Autistic Children	ICMR	2014-2016	21.19 Lakhs	Ongoing
14	Evaluation of Physiochemical, Nutritional Pasting and Textural Characteristics of processed millets based foods	DST	2014-2017	40.15 Lakhs	Ongoing
15	Technological and biochemical evaluation of barnyard millet bran for the production of high nutritive and low glycemic bakery products	UGC	2014-2017	13.28 Lakhs	Ongoing
Dr. R. PARIMALAVALLI					
1	Empowering tribal women towards food security to comb malnutrition through education	Malcom Elizabeth and Adiseshiah Trust, Chennai	2006-2008	1.04 Lakhs	Completed
2	Provenance of Childhood Obesogenic life style and a concerted health approach for reducing the prevalence of overweight	DST	2007-2010	7.53 Lakhs	Completed
3	An evaluation study on malnutrition and psycho social development in ICDS beneficiaries and non ICDS children	Malcom Elizabeth and Adiseshiah Trust, Chennai	2007-2009	1.23 Lakhs	Completed
4	Formulation and Effect of processing methods on nutritional quality of extruded complementary food	UGC	2011-2014	9.52 Lakhs	Ongoing
Dr.K.KARTHIKEYAN					
1	Effect of Ketogenic Diet on Cases of Parkinson disease in Animal Model	UGC	2014-2017	6.00 Lakhs	Ongoing

DEPARTMENT OF GEOLOGY

S.No	Title of the project	Funding agency	Duration of the project	Amount (Rs.)	Status
Dr. S. ANBAZHAGAN					
1	Realization of Lunar Soil Simulant (Project LSS)	ISAC DOS-ISRO	2011-2012	12.68 Lakhs	Completed
2	Geological, Geomorphological and Geotechnical Studies for Landslide Assessment along Ghat road from 0 km of Kolli Hills, Tamil Nadu, India	NRDMS, DST	2009-2012	11.63 Lakhs	Completed
3	Remote sensing and reflectance spectral Studies of kadavur Anorthosite	ISRO-PRL		23 Lakhs	Ongoing
4	Reflectance Spectra and Petrological studies of Kadavur structure – a possible Terrestrial analog for Lunar Highland Region	ISRO under PLANEX Programme PRL, Ahmedabad	2012-2015	26.69 Lakhs	Ongoing
5	Microlevel (Farm level) artificial recharge studies in drought prone areas	UGC	2007-2010	5.38 Lakhs	Completed
Dr. R. VENKATACHALAPATHY					
1	Cretaceous Bio-Events and Stage Boundaries in Southern India – the Regional and Global perspectives	DST		20.63 Lakhs	Completed
2	Cenomanian-Turonian planktic protests, biotic and abiotic events and their relationship: A Comparative Joint Study of Indo-Russian Cretaceous Deposits	DST-RFBR Sponsored International Project with Geological Institute Russian Academy of Science, Moscow		15.88 Lakhs	Completed
Dr. S. VENKATESWARAN					
1	Integrated Artificial Rainwater Harvesting Structure and Groundwater Resource Development in Hard Rock Terrain Using Geophysical data, Remote Sensing and GPS in GIS: A case of Sarabanga sub-basin of Cauvery River, South India	UGC	2011-2014	12.72 Lakhs	Ongoing (R. Suresh – Co-PI)
2	Assessment on the impact of Artificial Recharge Structures, Identification Non-Functional Structures and Evolve Strategies to make them Functional in the Vaniyar Sub Basin, Ponnaiyar River, South India	DST	2014-2016	17.55 Lakhs	Ongoing

S.No	Title of the project	Funding agency	Duration of the project	Amount (Rs.)	Status
Dr. R. NEELAKANTAN					
1	Landslide Hazard Zonation Mapping In Coonoor And Kothagiri Areas of Nilgiri Mountains Using Geospatial Technology	UGC		8.89 Lakhs	Completed
Dr. K. ANBARASU					
1	Petrology and Geochemistry of the late archean chromitites and associated ultramafic intrusions from Bhavani layered complex in the western part of the Cauvery shear zone, Tamil Nadu, Southern India: Implications for PGE metallogeny (PLATINA)	DST		19.21 Lakhs	Completed
2	Environmental and Climatic conditions of Cretaceous – Tertiary transition in the Cauvery basin, South India (ENCOINDIA)	UGC		10.55 Lakhs	Completed
Dr. Mu. RAMKUMAR					
1	Sedimentological, geochemical and palaeontologic characterization of Oxfordian condensed section of Gujarat, Western India	Deutsche Forschung Gemeinschaft (DFG), Germany	2009-2013	8.00 Lakhs	Ongoing
2	Documentation of environmental and climatic conditions during the transition of Cretaceous-Tertiary in the Cauvery basin, south India.	UGC	2007-2011	11.45 Lakhs	Completed
3	Development of an automated deterministic and predictive scheme for coastal sedimentary environments of Krishna delta, India.	CSIR	2008-2012	19.31 Lakhs	Completed

DEPARTMENT OF JOURNALISM & MASS COMMUNICATION

S.No	Title of the project	Funding agency	Duration of the project	Amount (Rs.)	Status
Dr. R. SUBRAMANI					
1	The Reach and Use of Social Media among the University Students of Tamil Nadu	ICSSR, MHRD	2011-2014	1.60 Lakhs	Ongoing
2	Social History of pre Independence Tamil Periodicals	UGC	2013-2015	3.60 Lakhs	Ongoing
Dr. M. ANURADHA					
1	Role of Interpersonal Communication in Identifying Sexual Abuse among School Girls in Salem	UGC	2010-2013	5.28 Lakhs	Completed

DEPARTMENT OF LIBRARY & INFORMATION SCIENCE

S.No	Title of the project	Funding agency	Duration of the project	Amount (Rs.)	Status
Dr. N. SUBRAMANIAN (Librarian)					
1	A Study on Electronic Information use Pattern of Yercaud Tribal Students in Salem District	UGC (Minor)	2013-2014	1.45 Lakhs	Completed

DEPARTMENT OF MANAGEMENT STUDIES (PRIMS)

S.No	Title of the project	Funding agency	Duration of the project	Amount (Rs.)	Status
Dr. V.R. PALANIVELU					
1	To Study on the Problems Faced by the Women Entrepreneurs in Tamil Nadu-PWET	UGC	2011-2013	6.21 Lakhs	Completed
Dr. J. SENTHIL VELMURUGAN					
1	The role of SHG in upliftment of rural poor in the backward areas-with special reference to Dharmapuri District	UGC	2013-2015	6.30 Lakhs	Ongoing
Dr. R. SUBRAMANIYA BHARATHY					
1	A Study on Problems and Practices in Procurement & Marketing Milk and Milk Products in Salem District	UGC	2011-2014	6.54 Lakhs	Completed
Dr. P. THIRUMOORTHY					
1	A Study of Need, Importance and Policy Approaches to Technology Transfer and upgradation with reference to Textile Units of Coimbatore Region	UGC	2012-2014	4.99 Lakhs	Ongoing
2	A Study of Awareness of Fake Products in Rural Market and Framework for Consumer Protection – with special reference to North Tamil Nadu	IIPA	2013-2014	3.2 Lakhs	Ongoing

DEPARTMENT OF MATHEMATICS

S.No	Title of the project	Funding agency	Duration of the project	Amount (Rs.)	Status
Dr. C. SELVARAJ					
1	Cellularly Stratified Algebras and Tilting Modules	UGC	2012-2015	11.65 Lakhs	Ongoing
2	The study of characters and cellularity of G-Brauer Algebras	UGC	2007-2010	5.62 Lakhs	Completed
Dr. A. MUTHUSAMY					
1	Decomposition and Factorization of Graphs	DST	2007-2010	10.62 Lakhs	Completed

2	Decompositions of Graphs and Product Graphs into Paths, Cycles and Stars	DST-SERB	2015-2018	11.86 Lakhs	Ongoing
Dr. GOWRI NAVADA					
1	Representation of functions of several variable in terms of functions of functions of one variable	CSIR	2007-2010	2 Lakhs	Completed
Dr. P. PRAKASH					
1	Qualitative Behavior of solutions of fuzzy differential Equations	DST	2007-2010	2.52 Lakhs	Completed
2	Inverse Problems for Hyperbolic PDEs	UGC	2012-2015	9.29 Lakhs	Ongoing
3	Mixed and Hybrid Finite Element Methods and Optimal Control Problems	NBHM	2011-2014	10.97 Lakhs	Completed

DEPARTMENT OF MICROBIOLOGY

S.No	Title of the project	Funding agency	Duration of the project	Amount (Rs.)	Status
Dr. R. BALAGURUNATHAN					
1	Potential anti-TB compounds from Actinomycetes	DST	2008-2010	9.16 Lakhs	Completed
2	Potential antifouling compounds from marine Actinomycetes	UGC	2010-2013	11.61 Lakhs	Completed
3	Study to evaluate the baseline anti-TB and anti-HIV properties of novel antibiotic Transitmycin (Tr) isolated from novel marine <i>Streptomyces species R2</i>	ICMR	2011-2012	7.5 Lakhs	Completed
4	Potential anti-leptospiral drugs from marine actinomycetes	ICMR	2012-2015	19.5Lakhs	Ongoing
5	Diversity (Cultivable and culture independent), ex situ conservation and bioprospecting of marine actinobacteria for antibiotics, anti-tuberculosis, anti-HIV and immunomodulatory substances	DBT	(Sanctioned - October 2014)	180Lakhs	Ongoing
6	Purity and In-vitro Efficacy studies on Transitmycin	ICMR	(Sanctioned, - October 2014)	7.5 lakhs	Ongoing
Dr. P.M. AYYASAMY					
1	Prototype development and bioreactor designing for lab scale treatment of ground water& soil containing nitrate and fluoride	UGC	2010-2013	12.96 Lakhs	Completed
2	Detoxification of arsenic and iron from ground water and soil through bioreactor designing and different treatment columns	CSIR	2012-2015	15.92 Lakhs	Ongoing

S.No	Title of the project	Funding agency	Duration of the project	Amount (Rs.)	Status
Dr. R. DHANDAPANI					
1	Combined approaches on acetyl CoA carboxylase activity in enhanced lipid production of microalgae	DBT	2011-2014	16.3 Lakhs	Ongoing
2	The role of Probiotics in the Control of Blue Green Algae and <i>Zoothamnium</i> sp for Sustainable South Indian Shrimp Culture	DST-SERB	2012-2015	19.6 Lakhs	Ongoing
Dr. D. ARVIND PRASANTH					
1	Apoptosis inducing microbial metabolites of endophytic fungi isolated from medicinal plant from eastern ghats, Tamil Nadu	DST-SERB	2013-2015	12 Lakhs	Ongoing

DEPARTMENT OF PSYCHOLOGY

S.No	Title of the project	Funding agency	Duration of the project	Amount (Rs.)	Status
Dr. S. KADHIRAVAN					
1	Enhancing Emotional Intelligence and Mental Health among College Students	UGC	2012-2015	3.78 Lakhs	Ongoing
2	Exploring the Psychosocial correlates of online deviant and dishonest behaviour among college students	UGC (Minor)	2013-2015	1.20 Lakhs	Ongoing

DEPARTMENT OF PHYSICS

S. No	Title of the project	Funding agency	Duration of the project	Amount (Rs.)	Status
Dr. V. KRISHNAKUMAR					
1	Nonlinear optical crystals for Terahertz generation	DRDO	2009-2012	14.99 Lakhs	Completed
2	Nano composite materials for optical applications	UGC	2011-2014	10.48 Lakhs	Ongoing
3	Synthesis growth and optical properties of pure and rare earth doped MgWO ₄ crystals for scintillating applications	CSIR	2012-2015	24.6 Lakhs	Ongoing
4	Influence of swift heavy ion irradiation on the dielectric and optical properties of non-linear optical crystals	DST	2007-2010	18.43 Lakhs	Completed
5	Growth and spectroscopic investigations of swift heavy ion irradiated single crystals for photonic applications	UGC	2006-2009	11.82 Lakhs	Completed
Dr. P. KUMARADHAS					
1	Design of high energetic material via experimental electron density method: A feasibility study	DRDO		6.6 lakhs	Completed

S. No	Title of the project	Funding agency	Duration of the project	Amount (Rs.)	Status
2	Design of high energetic material: A combined molecular modeling and electron density analysis approach	DRDO		24.6 lakhs	Completed
3	Design of monopropellant molecules via high resolution X-ray diffraction	UGC		3.72 Lakhs	Completed
Dr. P.M. ANBARASAN					
1	Design, optical study and light trapping scheme of low order aberration microlens for micromachined silicon solar cells	UGC		10.20 Lakhs	Completed
2	Centre for nanoscience and nanotechnology & Conversion of sunlight into electricity schemes	Govt. of Tamil Nadu		1 Crore	Ongoing
Dr. L. KAVITHA					
1	Soliton dynamics inhomogeneous magnetic media	DAE-BRNS-YSRE	2010-2013	11.69 Lakhs	Completed
2	Exact propagating soliton solutions of some nonlinear PDEs governing the director dynamics of nematic liquid crystal medium	NBHM	2012-2015	9.66 Lakhs	Ongoing
3	Soliton dynamics in spin ladder systems	UGC	2009-2012	6.79 Lakhs	Completed
Dr. G. VELRAJ					
1	ESR dating of Archaeological samples recently excavated in South India	UGC		6.16 Lakhs	Ongoing
2	Provenance studies and Archaeomagnetic dating of recently excavated archaeological artifacts	BRNS		20.68 Lakhs	Ongoing
Dr. E.K. GIRIJA					
1	Investigation on the synthesis of Biocompatible and biodegradable nanohydroxyapatite based bioprobes	UGC	2012-2015	10.21 Lakhs	Ongoing
2	Biomimetic nanocomposite for biomedical applications	DST	2011-2014	16.08 Lakhs	Ongoing
3	Substituted nanohydroxyapatites – Investigations on low temperature synthesis	DST	2009-2012	18.25 Lakhs	Completed
Dr. J. KALYANASUNDAR					
1	Synthesis, bulk size growth and characterization of Glycine based metal nitrates and sulphates	UGC	2013-2016	6 Lakhs	Ongoing

DEPARTMENT OF SOCIOLOGY

S.No	Title of the project	Funding agency	Duration of the project	Amount (Rs.)	Status
Dr.C.VENKATACHALAM					
1	Preparation of perspective plan for ten blocks located at Dharmapuri and Namakkal districts	State Planning Cell	2013-2020	10 Lakhs	Ongoing
2	District Human Resource Development (DHRD)	State Planning Cell	2013-2015	3 Lakhs	Ongoing
3	Status and Position of BC Artisan and Service Caste Groups	ICSSR	2014-2015	29,000/-	Ongoing
Dr.M.JAYASEELAN					
1	Status of Elders in Rural Areas and Urban Areas of Salem District	UGC	2013-2015	7.10 Lakhs	Ongoing
2	Social Status and Empowerment of Disabled Women in Madurai District –A Sociological analysis	ICSSR	2014-2015	2.0 Lakhs	Ongoing
DR. T. SUNDARA RAJ					
1	Social Exclusion and Inclusion of Transgender in Salem District	ICSSR	2015-2017	22.0 Lakhs	Ongoing

DEPARTMENT OF TAMIL

S.No	Title of the project	Funding agency	Duration of the project	Amount (Rs.)	Status
Dr. T. PERIASAMY					
1	A Social Cultural Study of the Malayali Tribals in the Sitheri Hills of Dharmapuri District of Tamil Nadu	UGC	2010-2012	3.33 Lakhs	Completed
Dr. M. TAMILMARAN					
1	The Contribution of Tamil Journals to the development of Tamil Language and literature in the first 50 years of 20 th Century	UGC	2012-2014	6.00 Lakhs	Completed
Dr. V. RAMARAJAPANDIAN					
1	A Social Cultural Study of the Malayali Tribals in the pala hills of Salem District of Tamil Nadu	UGC	2011-2013	7.42 Lakhs	Completed
Dr. S. VELAYUTHAN					
1	A social Cultural Study of the Irular Tribes in the Dharmapuri District of Tamil Nadu	UGC	2012-2014	6.75 Lakhs	Completed

DEPARTMENT OF TEXTILES AND APPAREL DESIGN

S.No	Title of the project	Funding agency	Duration of the project	Amount (Rs.)	Status
DR.S.LAKSHMI MANOKARI					
1	Synthesis of phytonanoparticles using wrightia tinctoria and developing wound dressing with viscose nonwoven for diabetic wound	UGC	2014-2017	9.91 Lakhs	Ongoing

DEPARTMENT OF ZOOLOGY

S.No	Title of the project	Funding agency	Duration of the project	Amount (Rs.)	Status
Dr. S. KANNAN					
1	Studies on Development of ORMOSIL Nanoparticles based gene transfer System: An innovative approach in Breast Cancer Gene Therapy	DST	2012-2015	60.76 Lakhs	Ongoing
2	Studies in Expression, Purification and Micro-sequencing of Sex Pheromone receptor : A feasible approach to develop immuno-contraceptive inhaler	UGC	2010-2013	10.82 Lakhs	Ongoing
3	Food localization and foraging by echolocating and non-echolocating fruit bats and their impact on pollination and seed dispersal	UGC	2010-2013	7.80 Lakhs	Ongoing
4	Tigatzumab antibody conjugated palladium nanoparticle loaded γ -sitosterol delivery to suppress c-MET expression in breast carcinoma	UGC	2015-2018	14.50 Lakhs	Ongoing
5	pH- sensitive PLGA Coated Mesoporous Silica Nanoparticles for Co-Delivery of Multivalent siRNA (RRBP1) and Chemotherapeutic Drug to Target Drug Resistant Breast Cancer cells	DST	Approved	Budget 82 lakhs	Ongoing
Dr. N. KAYALVIZHI					
1	Mechanistic action of bacteriocin in eukaryotic cells and its potential application as a drug	DST – Women Scientists Scheme (WOS-A)	2013-2016	21.56 Lakhs	Ongoing

S.No	Title of the project	Funding agency	Duration of the project	Amount (Rs.)	Status
2	Insect Gut Microbes: production of tannase with potential use in food industry	DST	2014-2016	17.8 Lakhs	Ongoing
Dr. A. NARESHKUMAR					
1	Use of GIS in predicting proliferation of vector borne diseases and related environmental factors in Salem District, Tamil Nadu, India	DST-SERB	2014-2016	19.04 Lakhs	Ongoing
Dr. R. MAHESWARAN					
1	Development of novel mosquitocidal biopesticide from actinomycetes	UGC	2015-2018	13.35 lakhs	Ongoing