

ONGOING RESEARCH PROJECTS

Sl. No.	Title of the Project	Name of the Principal Investigator	Department	Date of Sanction	Year(s)	Project Period	Sanctioned Amount in Lakhs	Funding Agency	Total grant received in Lakhs
1.	Evaluation of Tamil Language Development Contribution via Smart Phones	Dr. S. Chidambaram	Tamil	18.09.2014	3	2015 - 2018	9.84	UGC	Nil
2.	Documentation, Preservation and Dissemination of Folk and Tribal lore in Southern Districts of Tamil Nadu	The Head	Tamil	--	5	2015 - 2020	70	UGC -SAP	--
3.	Translation of Pudumaipithans Short Stories from Tamil to hindi	Dr. K. Subramani	Hindi	26.03.2013	1	2013 - 2014	0.76	UGC	0.76
4.	Hindi Aur Marathi ki Dalit AatmakathaavonmeinAsmitakiTala sh	Dr. KhandareChandu Laxman	Hindi	26.03..2013	1	2013 - 2014	1.40	UGC	1.40
5.	A Study on the Role of PACS in Ensuring Access to Institutional Credit to Rural Women through SHGs in Tamil Nadu	Dr.K.Ravichandran	Cooperation	26.12.2013	2	2014 - 2016	9.00	ICSSR	3.60
6.	Preparation of Perspective plan under SBGF for Theni Dt.	Dr.S.Ramaswamy	Economics	02.05.2013	2	2013 - 2015	2.00	District Planning Cell Theni under SPC	2.00
7.	Concurrent Estimation of Coconut Production in Dindigul and Theni Dt.	Dr.S.Ramaswamy	Economics	31.10.2013	6 Months	2014 - 2015	1.80	CDB, Kochin	1.783

8.	Export Potential in the Rural Economy with Special Reference to Agriculture – A Case Study of Dindigul District in Tamil Nadu	Dr.S.Nehru	Economics	13.02.2013	3	2013 - 2015	7.00	ICSSR	3.135
9.	Evaluating the Rural Infrastructure Building Scheme THAI in Tamil Nadu.	Dr. G. Palanithurai	Political Science and Development Administration	09.07.2014	--	In Progress	4.7	State Planning Commission, Tamil Nadu	4.7
10.	Research on MGNREGA in Kerala: An Assessment	Dr. G. Palanithurai	Political Science and Development Administration	10.02.2013	--	In progress	10.8	SIRD, Kerala	10.8
11.	Impact of MGNREGA at Household Decision Making	Dr. G. Palanithurai	Political Science and Development Administration	19.05.2014	--	In progress	12.0	IRMA, Gujarat	12.0
12.	Special Assistance Programme of UGC, DRS level II	Dr. G. Palanithurai	Political Science and Development Administration	2014	--	In Progress	32 .0	UGC	32.0
13.	Inclusion of the Excluded: Empowering the Powerless through Panchayati Raj in Manipur	Dr.Sonkhogin Haokip	Political Science and Development Administration	15.03.2013	2	2013-2014	6.0	ICSSR	2.40
14.	MGNREGs on Sustainable Livelihood and Ecological Security	Dr.L. Rathakrishnan	Rural Industries and Management	12.6.2012	2	2012 - 2014	7.28	ICSSR	5.78
15.	Access to Finance and Inclusive Growth of SC and ST Women Entrepreneurs: The Role of Micro Finance Institutions in Tamil Nadu	Dr.L. Rathakrishnan	Rural Industries and Management	3.8.2012	2	2012 - 2014	6.54	UGC	4.54

16.	Employment Conditions and Employment Risks among Street Vendors in the Cities of Tamil Nadu	Dr. WellHaorei	Rural Industries and Management	11-12-2013	2	2014 - 2015	15.52	ICSSR	12.00
17.	Role of Emotional Intelligence In Eradicating Industrial Sickness Among Small Scale Industries In Dindigul District	Dr. H. Samuel Thavaraj	Rural Industries and Management	28.03.2013	1.5	1 ½ Years (18 months w,e,f, 1.4.2013)	1.05	UGC	0.75
18.	Manufacturing of Textile reinforced Thermoplastic composites for High performance application	Dr.B.Senthilkumar	Rural Industries and Management	31.3.2013	2	2013 - 2014	1.05	UGC	1.05
19.	Social Exclusion of Transgender in Dindigul District: A Diagnostic Study	Dr. A. Mani	Centre for Study of Social Exclusion and Inclusive Policy	03.08.2012	2	2012 -2014	6.39	UGC	3.91
20.	Livelihoods of Coastal Fisherfolk: An Excluded Group in Tamil nadu.	Dr. C. Ramanujam	Centre for Study of Social Exclusion and Inclusive Policy	11.03.2013	2	2013 - 2015	7.32	UGC	4.24
21.	An Analytical Study of Health Status among the Arunthatiyars in Tamil Nadu: A Vulnerable Case of Social Exclusion	Dr. Anjuli Chandra	Centre for Study of Social Exclusion and Inclusive Policy	25.03.2013	3	2013 - 2016	6.75	UGC	4.25
22.	Network Analysis of Social Technological and Biological Networks	Dr. P. Balasubramaniam	Interational Collaboration with University of Malaysia	21.02.2011	5	2011-2016	20.82	HIR	-
23.	Existence, Controllability and Stability Analysis of Fractional Semi-linear Differential Inclusions	Dr. P. Balasubramaniam	Mathematics	05.09.2013	3	2013-2016	18.14	CSIR	5.89
24.	Mathematical Modeling of Multi-Item, Multi- Echelon Supply Chain System in Stochastic Environment	Dr.R. Uthayakumar	Mathematics	24.04.2014	3	2014-2017	12.00	DST	4.50

25.	Mathematical Modelling for Optimizing the Inventory Costs in a Stochastic Environment with Trade Credit and Service Level Constraint	Dr.R. Uthayakumar	Mathematics	16.01.2014	3	2014-2017	9.84	NBHM	6.19
26.	Fractal Analysis of Brain Tumour Detection and Growth Estimation	Dr.R. Uthayakumar	Mathematics	12.03.2013	3	2013-2016	9.26	UGC	5.74
27.	Optimal Decision Making Through Inventory and Supply Chain Modeling in Healthcare Industries	Dr.R. Uthayakumar	Mathematics	05.09.5013	3	2013-2016	9.04	CSIR	4.42
28.	Mathematical aspects of Approximate Dynamic Programming (ADP) in Optimal Control	Dr.P. Muthukumar	Interational Collaboration with University of Texas at Arlington, USA	19-03-2012	1	2012-2013	20.96	Indo-US Science & Technology Forum sponsored by DST	21.16
29.	A Theoretical Study on Existence and Controllability Properties of Abstract Mathematical Model of Stochastic Partial Differential Equations	Dr.P. Muthukumar	Mathematics	16.01.2014	3	2014-2017	9.37	NBHM	5.95
30.	Theoretical and Numerical Solutions for Fractional Order Optimal Control Problems	Dr.P. Muthukumar	Mathematics	20.11.2015	3	2015-2018	15.06	DST	
31.	Funds for Improvement of S & T Infrastructure in Universities and Higher Educational Institutions	The Head	Mathematics	2014	5	2014-2019	45.00	DST- FIST (Level-2)	25.00
32.	Qualitative Behaviors of Dynamical Systems and Mathematical Modeling	The Head	Mathematics	2015	5	2015-2020	60.35 + (Two Project fellow) SRF	UGC-SAP (DSA-I)	

33.	Preparation Characterization and Optimization of Super Acid Fillers based PVDF-HFP/PVC blend Polymer Nanocomposite electrolyte by phase inversion technique for Li ion batteries	Dr.P. Vickraman	Physics	01.02. 2011	3	2011-2014	10.568	UGC	10.568
34.	Preparation, Characterization and Optimization for PVDF-HFP based nanocomposite electrolyte for lithium-ion batteries by phase inversion techniques	Dr.P. Vickraman	Physics	30.09.2011	3	2011 –2014	25.1	DST	25.1
35.	Structural, Optical and Energy transfer studies of RE ³⁺ ions oxyfluoride Glasses for the development of Luminescence devices	Dr.K. Marimuthu	Physics	27.11.2012	3	2012-2015	22.1	BRNS	22.1
36.	Study on the Coulomb interaction of Double Acceptors in Magnetic Semiconductor Nanostructured Systems.	Dr.K.Jayakumar	Physics	22.03.2013	3	2013-2016	10.96	UGC	10.96
37.	Synthesis and Characterization of Nano piezoelectric material for vibration sensor applications.	Dr.K.Jayakumar	Physics	24.10.2013	3	2013- 2016	15.41	ISRO	15.41
38.	Some Investigations on the Exciton states in Semiconductor Nanostructured Systems	Dr.P.Nithiananthi	Physics	07.10.2013	3	2013-2016	13.44	DST SERB	13.44
39.	Microwave assisted hydrothermal synthesis and characterization of binary and ternary metal oxide / carbon material nano composites and fabrication of asymmetric supercapacitor devices for energy storage applications.	Dr.G.Muralidharan	Physics	22.09. 2014	3	2014-2017	24.50	BRNS	24.50
40.	FIST	The Head	Physics	18.11.2015	5	2015-2020	122.00	DST	-

41.	Synthesis of Single-chain Polymer Nanoparticles from Cyclic Polymers via Non-covalent Interactions	Dr. M. Arunachalam	Chemistry	09.11.2015	3	2016-2019	22.98	DST-SERB	14.3
42.	Synthesis and stereochemical studies of 6-hydroxy-4,8,9,10-tetraphenyl-1,3-diazaadamantanes and 6-amino-4,8,9,10-tetraphenyl 1,3-diazaadamantanes	Dr. M. Sundaravadivelu	Chemistry	25.03.2013	3	2013-2016	9.36	UGC	5.09
43.	Development of new biopolymer based functional nanocomposites, resins and hybrid material for the recovery of oil from oil-in-water emulsion	Dr. S. Meenakshi	Chemistry	27.11.2014	3	2014-2017	12.67	CSIR	-
44.	Rational Design of Metal Complex Based Selective Fluoride Ion Sensors Possessing Novel Signaling Unit with Augmented H-bonding Abilities to work in Organic and Aqueous Media.	Dr. K.P.Elango	Chemistry	28.05.2013	3	2013-2016	22.61	CSIR	22.61
45.	Functionalized gold, silver and semiconductor nanoparticles as fluorescent sensors for the determination of toxic chemicals	Dr. S. Abraham John	Chemistry	12.03.2013	3	2013-2016	7.75	UGC	4.22
46.	Development of Cost Effective Diagnostic Tools for the Determination of Food Adulterants and Contaminants Using Metal Nanoparticles	Dr. S. Abraham John	Chemistry	12.06.2014	3	2014-2017	37.61	DBT	29.10
47.	Design, Synthesis and Aggregation Studies of Cyanoacrylic Acid – Thiophene Linked Porphyrin Sensitizers for Dye Sensitized Solar Cells	Dr. P. Kalimuthu	Chemistry	28.05.2012	3	2012-2015	25.88	DST-SERB	25.88

48.	Molecular Design and Synthesis of Push-Pull Type Perylene Dyes for Dye Sensitized Solar Cells	Dr. P. Kalimuthu	Chemistry	13.07.2012	3	2012-2015	11.82	UGC	10.52
49.	Synthesis of 1,3-dihydro benzoxazines and 1,2,3,4-tetrahydrobenzo quinazoline derivatives and its applications in asymmetric organic synthesis	Dr. M. SeenivasaPerumal	Chemistry	24.05.2013	3	2013-2016	25.9	DST-SERB	23.0
50.	FIST	The Head	Chemistry	SR/FST/CSI-255/2013 dated November 2013	5	2015-2020	165.00	DST	150
51.	SAP - DRS - II	The Head	Chemistry	F.540/4/DRS-2/2015(SAP-I) dated 23 rd April 2015	5	2014-2019	150.00	UGC	-
52.	Prevalence Of Respiratory Disorders Among Spinning Mill Workers and Developing Protective Measures	Dr.R.I.Sathya	Home Science	23.07.2012	3	2012-15	7.125	UGC	5.00
53.	Prevalence of Obesity and Metabolic Syndrome in the Rural Adult Population: A Diagnostic Study for Intervention and Prevention”	Dr.S.S.Vijayanchali	Home Science	23.07.2012	3	2012-15	11.680	UGC	7.76
54.	Development and Validation of a Scale to assess the extent of Inclusion of Physically Challenged Children in Upper Primary Schools”	Dr.S.Kavitha Maithily	Home Science	30.07.2012	2	2013-15	1.35	UGC	1.0

55.	Addressing the Educational Needs of Children with Special Needs in Rural Primary Schools – Issues and Challenges faced by the Teachers	Dr.K.S.Pushpa Dr.S.Kavitha Maithily	Home Science	01.07.2014	2	2014-16	4.0	ICSSR	1.6
56.	Reproductive Biology and Conservation of <i>Garciniaaimberti</i> Bourd and <i>G.travancorica</i> Bedd.: an Endemic and Endangered tree species from Agasthyamalai Biosphere Reserve	Dr.R.Ramasubbu	Biology	22.03.2013	3	2013-2016	8.66	UGC-MRP	5.143
57.	Studies on population dynamics, in vitro propagation and Conservation of three endemic and Endangered trees of Western Ghats	Dr.R.Ramasubbu	Biology	30.10.2013	3	2013-2016	22.60	DST-SERB	8.00
58.	Trust based Authentication Mechanism for Mobile Ad Hoc Networks	Dr.S.Sivagurunathan	Computer Science and Applications	11.04.13	3	2013-2016	5.77	UGC	4.17
59.	Granular Computing approach for MRI brain image Segmentation	Dr.N.Senthilkumaran	Computer Science and Applications	12.03.13	3	2013 - 2016	6.205	UGC-MRP	4.855
60.	Computer Assistant Diagnosis for the Detection and Classification of Microcalcifications in Digital Mammograms using Fractal Techniques	Dr.P.Shanmugavadivu	Computer Science and Applications	10.11.2015	3	2015-2018	12,55,100	ICMR	4.57
61.	Indo-US 21 st Century Knowledge Initiative, Augmenting the Curriculum of Higher Educational Institutions with an On-Line Integrated Cognitive-Based Employability Skills Assessment System using Signal and Video Analytics	Dr. P. Shanmugavadivu	Computer Science and Applications	July 2015	3	2015-2018	125.00	UGC	-
62.	SAP- DRS: Level-1	The Head	Computer Science and Applications	21.05.2015	3	2015-2018	41.00 + 1 Project	UGC	-

							Fellow		
63.	DST-FIST:Level-1 (i) Advanced Digital Image Processing Lab (ii) Network Security Lab (FIST: Level-I)	The Head	Computer Science and Applications	18.11.2015	5	2015-2020	45.00	DST	-
64.	Malady Remedy Analysis of Stabilized Mud Blocks based Structures with a focus on Development of Affordable hazard-Resistant Housing Strategies	Dr.K.Mahendran	Rural Technology Centre	22-03-13	3	Since 2013	11.21	UGC	6.56
65.	Computational Fluid Dynamics Studies on Cost Effective and Energy Efficient Building Design	Dr.V.Kirubakaran	Rural Energy Centre	25.03.2013	3	2013-2016	5.54	UGC	5.33
66.	Energy Conservation Awareness Programme	Dr.V.Kirubakaran	Rural Energy Centre	2010	Every year	2015	1.25	PCRA	8.50
67.	Sensitization on Environmental Concerns and ECO-Futures among Rural Youths through Eco-Club of Gandhigram Rural Institute	Dr.V.Kirubakaran	Rural Energy Centre	16.06.2014	3	2014-2017	4.05	DST	2.00
68.	Project “NilaGIS” “Landslide inventory and generation of morphological database using geospatial technologies for Nilgiri area”	Dr.B.Gurugnanam	Centre for Applied Geology	06.05.13	3	2013-2016	17.24	DST-NRDMS	9.56
69.	Project “HILL GIS” “High Resolution Digital Satellite Data based Resource Information System, Geohazards and Mitigation studies based on GIS Technologies at Kolli Hills, Tamilnadu, India	Dr.B.Gurugnanam	Centre for Applied Geology	13.05.13	3	2013-2016	26.23	CSIR	12.61

70.	Rainfall Induced Landslide Fore Warning System for Lingaslide, Nilgiris, South India – LINGASLIDE Project Phase II	Dr.M.Muthukumar	Rural Development	10.12.2014	3	2015-2018	29.476	DST, New Delhi	29.476
71.	Base Line Survey and Micro Level Plan for 23 villages in Ariyalur district	Dr.N.Lalitha	Rural Development	30.10.2013	1	2014	3.00	Ultra Tech Cement Company-Aditya Birla group	3.00
72.	An Assessment of Village Development in Tamil Nadu – A Statistical Approach	Dr.C.Sivapragasam	Applied Research	01.05.2013	2	2012-2015	7.72	UGC, New Delhi	4.62
73.	Determinants of Women Empowerment and its impact on standard of living	Dr.S.Gunasekaran	Applied Research	13.07.2012	2	2013-2015	13.85	MOSPI, New Delhi	3.46
74.	Efforts and Results of NIOS programmes on Kochi Region	Dr.V.Seeninatarajan	LL&E	01.07.2014	1	2014	3.38	NIOS Noida	1.6
75.	ASMAE – India Child Rights Projects	Head, Dept. of LL&E	LL&E	01.04.2004	Year Wise	Ongoing	12.5	Asmae, France	12.5
76.	Knowledge Assessment of Breast and Cervical Cancer among Rural Women (KACRW)	Dr.K.Velumani	Centre for Women's Studies	11.12.2013	2	2014 – 2016	8.00	ICSSR-Research Project	6.80
77.	Development of functional dairy products and their impacts on human health	Dr.M.SeethaLakshmi	Agriculture and A.H	04. 01. 2012	3	2012 – 2015	9.88	UGC, New Delhi	8.10