



V.V.VANNIAPERUMAL COLLEGE FOR WOMEN

(Belonging to Virudhunagar Hindu Nadars)

An Autonomous Institution Affiliated to Madurai Kamaraj University, Madurai

Re-accredited with 'A' Grade (3rd Cycle) by NAAC

VIRUDHUNAGAR - 626 001



DETAILS OF GOVERNMENT FUNDED RESEARCH PROJECTS [2000 -2023]

S.No.	Year	Principal Investigator & Designation	Title of The Project	Funding Agency	Amount(Rs.)
1.	2022-2023	Dr.R.Salini Assistant Professor of Biochemistry	Compostable membrane and Herbal based menstrual Pad	CIF under ACIC	200000
2.	2022-2023	Mrs.A.Jeevarathinam Assistant Professor of Home Science	Development and Standardization of Gluten free Food products from Millets for the Gluten sensitive patients	TNSCST	7500
3.	2022-2023	Dr.P.Annapoorani Associate Professor of Biochemistry	Analysis of dopamine in suicide attempted patients	TNSCST	7500
4.	2022-2023	Dr.R.Hemalatha Assistant Professor of Physics	Treatment of textile industries waste water using Thetran kottai powder (<i>Strychnopotatorum</i>) and Sodium alginate beads	TNSCST	7500
5.	2021-2023	Dr.P.Malarvizhi Assistant Professor of History	Economic Development of Tamilnadu after the emergence of Nadars (The Mercantile Community) of Virudhunagar Region	ICHR	225000
6.	2021-2022	Mrs.S.Balasaraswathi Assistant Professor of Home Science	Development and Analysis of immunity-boosting food products to avert infectious diseases	TNSCST	7500

7.	2021-2022	Dr. J.Kavitha Assistant Professor of Chemistry	Polyunsaturated fatty acid extracted from Sardinella fishes against human hepatitis virus	TNSCST	7500
8.	2021-2022	Dr.R. Hemalatha Assistant Professor of Physics	Fabrication of Li Ion Battery Based on Fish Scale Biopolymer and Lithium Nitrate	TNSCST	7500
9.	2021-2022	Dr.I. Rathinamala Assistant Professor of Physics	Design of asymmetric supercapacitor utilizing zirconium based nanostructures and carbonaceous electrodes	TNSCST	7500
10.	2021-2022	Dr. R.Mallika Associate Professor of Biochemistry	Through screen printing and mobile servicing to differently-abled persons	TNSCST	50000
11.	2020-2023	Dr.M.Tamilselvi Associate Professor of Zoology	Strengthening of Life Science and Biotechnology Education and Training at Undergraduate Level	DBT-SCS	12300000
12.	2019-2020	Dr.V. Amsha Devi Assistant Professor of Zoology	Comparative study of Growth parameters along with biochemical profile in ornamental fish black molly (<i>Poecilia sphenops</i>) against formulated feeds and analysing its analgesic efficacy	TNSCST	7500
13.	2019-2020	Dr.J.Kavitha Assistant Professor of Chemistry	Fabrication of Optical biosensor detection using screen printed electrodes functionalized with carbon nanotubes and TCAA/Graphene oxide	TNSCST	7500
14.	2019-2021	Dr.M.Bavani Assistant Professor of History	The Confluence of Tribal's Customs and Manners among the Shepherds of Southern Tamil Nadu – A Case Study	ICHR	180000
15.	2018-2019	Dr.A.Umadevi Associate Professor of Mathematics	A Study on Inventory Management followed by small and medium enterprises in Virudhunagar District”	TNSCST	7500

16.	2018-2019	Mrs. N.Subashini Assistant Professor of Zoology	A New approach on biosynthesis of Vanadium nanoparticles using Azotobacter and its activity against Phytopathogenic Fungi	TNSCST	7500
17.	2018-2019	Dr.P.Annapoorani Associate Professor of Biochemistry	Study of Pathological urine Samples using Foldscope	DBT	800000
18.	2017-2018	Dr.M.Tamilselvi Associate Professor of Zoology	Exploitation of Biofouling Alien Ascidian <i>Phallusia</i> sp., as a base for Azotobacter Enrichment	TNSCST	10000
19.	2017-2018	Mrs.J.Kavitha Assistant Professor of Chemistry	Electrochemical Biosensor studies of Nitro ketene dithioacetal – Metal complexes.	TNSCST	10000
20.	2017-2018	Mrs.M.Rajakumari, Assistant Professor of Biochemistry	Eco-Friendly biodegradable plastic production from jack fruit seed starch	TNSCST	10000
21.	2017-2018	Dr.R.Salini Assistant Professor of Biochemistry	Isolation and Characterization of antifouling agents from seaweed associated actinobacterial strains.	TNSCST	10000
22.	2016-2017	Dr.M.Tamilselvi Associate Professor of Zoology	Utilization of the Marine, Biofouling, Exotic Tunicate <i>Herdmania momus</i> as Poultry Feed.	TNSCST	10000
23.	2015-2017	Dr.R.Mallika Associate Professor of Biochemistry	Biochemical responses to salt stress and identification of biochemical markers as selection criteria for salt tolerance in Pigeon Pea	UGC	135000
24.	2015-2017	Mrs.R.Revathy Assistant Professor of Management Studies	Promoting youth entrepreneurship- A gateway to Indian economic boom	UGC	100000
25.	2015-2017	Mrs.P.Suganthi Assistant Professor of Management Studies	Rural Insurance – Empowerment through Financial inclusion	UGC	100000

26.	2015-2017	Dr.R.Murugalakshmi Kumari Assistant Professor of Botany	Studies on the impact of heavy metals on the growth, biochemical and enzyme characteristics of Crop plants	UGC	450000
27.	2015-2017	Mrs.P.Saritha Assistant Professor of Commerce	Customer relationship Management – A tool for customer retention with special reference to Private life insurance companies	UGC	90000
28.	2015-2017	Dr.S.Vaidehi Assistant Professor of Economics	Livelihood security of tribal women in Dindugal district of Tamil Nadu	UGC	200000
29.	2015-2017	Mrs.K.Malarvizhi Assistant Professor of History	Universal humanity across Geopolitical borders: A humanistic approach to the novels of Amitav Ghosh	UGC	130000
30.	2015-2017	Dr.M.Geetha Associate Professor of History	Socio-economic issues of women folk in Virudhunagar District in its Historical perspective	UGC	170000
31.	2015-2017	Mrs.P.Veeramuthumari Assistant Professor of Zoology	An assessment of trace elements, metals and thyroid hormones from tunicates in Tuticorin coastal area	UGC	230000
32.	2014-2016	Dr.M.Subasini Assistant Professor of Management Studies	A Peep into the mindset of the consumers: A study on Edible Oil Industry	UGC	1,50,000
33.	2014-2016	Dr.B.Karunai Selvi Assistant Professor of Botany	Preparation of novel Rhizoazophos biofertilizer consortium and evaluation of their shelf life in rice bran, coir pith and sugarcane trash	UGC	295000
34.	2014-2016	Mrs.J.Kavitha Assistant Professor of Chemistry	Synthesis, Characterization and Biological studies on mixed ligand transition in metal complexes with Nitroketene Dithioacetal derivatives	UGC	400000
35.	2014-2016	Dr.J.Mahamayi & Dr.M.Subasini Assistant Professor of Commerce	A Peep into the mindset of the consumers: A study on Edible Oil Industry	UGC	150000
36.	2014-2016	Dr.S.Cinthana Assistant Professor of English	The Short Fiction of Mahasweta Devi and Bama: An iconic Metonym of Hegemony in Socio – economic constructs	UGC	150000

37.	2014-2016	Dr.P.Malarvizhi Assistant Professor of History	Empowerment of Women folk in Southern Tamilnadu since Independence with special reference to Sivakasi region	UGC	121500
38.	2014-2016	Dr.C.Thilakam Associate Professor of Home Science	Popularizing the process of Banana products among Rural Women	UGC	102500
39.	2014-2016	Mrs.S.Balasaraswathi Assistant Professor of Home Science	Development and Supplementation of Iron Rich Food Products for Rural Adolescent Girls Anemic	UGC	194413
40.	2012-2014	Dr.S.Krishnammal Lecturer(SG) in History	Study on the Strategies for Women Empowerment in Virudhunagar District	UGC	43000
41.	2012-2014	Mrs.P.Malliga, Lecturer (SG) in Physics	Synthesis and Characterization study of Metal oxide (ZnO& TiO ₂) Thin Films	UGC	150500
42.	2012-2014	Mrs.A.Azhaguparvathi Lecturer (SG) in Physics	Synthesis and Characterization study of CdS coated nonocrystalline Porous Silicon	UGC	117500
43.	2011-2013	Dr.M.Tamilselvi Lecturer (SS) in Zoology	Feed Formulation from Exotic Ascidiens <i>Didemnum psammathodes</i> and <i>Herdmania pallida</i>	UGC	120000
44.	2010-2012	Dr.C.Manoranjithamani Reader, Department of History	Irrigation System of Pandiya Country	UGC	307200 250988
45.	2010-2012	Dr.R.Renuka Lecturer (SG) in Biochemistry	Detection of an effective antimicrobial compounds in a Paniculata against selected pathogenic microbial strains	UGC	75000
46.	2010-2012	Dr. A. Rama Reader, Department of Commerce	Women Entrepreneurship: A way to women Employmentand women Empowerment	UGC	178000
47.	2010-2012	Mrs.R.Radhalakshmi Lecturer in Zoology	Role of tunicates in accumulating metals from marine Environment- An Analysis	UGC	80000
48.	2009-2011	Dr. C.Bhavani Lecturer (SG) inHistory	A Study on Taxation in India Since 1793 AD as a powerful Instrument for National Development	UGC	50000
49.	2009-2011	Mrs.P.Balagengathara Thilagam Principal Investigator	Isolation, Identification and screening of endophytic fungi from medicinal plants in	UGC	98000

		Lecturer (SG)& Head, Dr.B.Karunai Selvi Co-Principal Investigator, Lecturer in Botany	Virudhunagar District for Antimicrobial and antifungal activity		
50.	2009-2011	Dr.B.Karunaiselvi Principal Investigator Mrs.P.Balagengathara Thilagam Co-Principal Investigator	Genetic improvement of Phosphate solubilizing-microorganism and preparation of microbial inoculant using vermicompost as a carrier material	UGC	90,000
51.	2009-2011	Dr.C.Amutha Lecturer (SG) in Chemistry	Nucleophilic addition and cyclo addition reactions of C-aryl N- (2-aryl- 1-methyl) nitrones and biological studies of the target compounds	UGC	120000
52.	2008-2010	Mrs.K.Uma Maheswari Lecturer (SG) in Physics	Experimental Investigation on Conical shaped Desalination system used for irrigating medicinal Plants	UGC	92000
53.	2007-2009	Mrs. G.Karthigai Lakshmi Lecturer (SG) & Head Department of Computer Science	Image Security using Iris Based Biometric Encryption	UGC	80000
54.	2007-2009	Mrs.K.Anbuselvi Lecturer (SG) in Computer Science	A Computational Study of Computer Aided Drug Design for HIV-1 and development of innovative computer program for discovery of view drug	UGC	78000
55.	2007-2009	Dr.M.Tamilselvi Lecturer(SS) in Zoology	Analysing the Food Value of Ascidians	UGC	30000
56.	2005-2007	Dr.P.Selvameenakshi Lecturer (SG) in English	Women's Odyssey to selfhood as depicted in the novels of Willa Cather Alice Walker and Shasli Deshpands	UGC	38000
57.	2000-2001	Dr.S.Banumathy Lecturer (SG) in Commerce	Problems and Prospects of Co-operatives	UGC	25000