



VELLALAR COLLEGE FOR WOMEN (AUTONOMOUS)

College with Potential for Excellence (Re-accredited with 'A' Grade by NAAC)

Thindal, Erode – 638 012.



STAFF PROJECTS

S.No.	Name of the Investigator	Title	Funding Agency	Major/Minor	Amount Sanctioned Rs.	Period
DEPARTMENT OF TAMIL (AIDED)						
1.	Dr. M. Hemalatha	The status of women in marginal families of Tiruppur District	UGC SERO	Minor	2,90,000	2014-2016
2.	Dr. N.M. Kavitha	Tamil Vocabulary Gradation	UGC SERO	Minor	3,00,000	2014-2016
DEPARTMENT OF ENGLISH (AIDED)						
1.	Dr. A. Vanitha	Shamans as Custodials of Psychic and Ecological Equilibrium in MaragaretAtwoods Select Novels	UGC SERO	Minor	2,30,000	2014-2016
2.	Dr. K. Kokila	Beyond Enslavement and Empowerment: Recasting and Restructuring Black Psyche in Gloria Naylor's Select Fiction	UGC SERO	Minor	1,95,000	2014-2016
3.	Dr. P. Lalitha	A Study of the Consequences of SMS Language on the Standard of English	UGC SERO	Minor	2,20,000	2014-2016

4.	Dr. P. Selvi	Teaching and Learning Skills of English to the Tribal Children of Erode District	UGC SERO	Minor	3,00,000	2014-2016
5.	Dr. S. Janaki	The Study of Ecological Sensitivity in Amiav Ghosh's Select Fiction	UGC SERO	Minor	1,65,000	2014-2016
DEPARTMENT OF HISTORY (AIDED)						
1.	Dr. S. Jothimani	Economic Empowerment of Rural Women Through Self- Help Groups: Problems and Challenges in Erode District	UGC SERO	Minor	1,50,000	2014-2016
DEPARTMENT OF ECONOMICS (AIDED)						
1.	Dr. K.K. Saradha	A Study on the Problems of Women Entrepreneurs in Gobichettipalayam, Erode District, Tamilnadu	UGC	Minor	2,30,000	2014-2016
DEPARTMENT OF MATHEMATICS (AIDED)						
1.	Dr. P. Hemalatha	Decomposition/ Factorization of Product Graphs into Complete Bipartite Graphs	UGC SERO	Minor	2,50,000	2014-2016
2.	Mrs. S. Padmavathi	Positive solutions of nonlinear fractional differential equation boundary value problem with caputo Operator	UGC SERO	Minor	2,10,000	2014-2016
3.	Dr. R. Parvathi	Designing and developing image editing tools in Matlab using intuitionistic fuzzy sets.	UGC-SERO New Delhi	Major	12.15 Lakhs	2015-2019

DEPARTMENT OF PHYSICS (AIDED)

1.	Dr. L. Usha	Impact Analysis of Soil Electrical Conductivity of Agricultural Practices in Orathupalayam Reservoir of Noyyal River Basin in Tamil Nadu for Resolving Reclamation Measures	UGC	Minor	3,20,000	2014-2016
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DEPARTMENT OF CHEMISTRY (AIDED)

1.	Dr. V. Sreeja	Testing the Competent Technique for Decontamination of Textile Effluents Using Electrochemical Degradation and Activated Carbon	UGC SERO	Minor	3,80,000	2014-2016
2.	Dr. S.K. Kavitha	Photodegradation of Reactive Azo Dyes in Aqueous Solution using Semiconductor Photocatalysts	UGC SERO	Minor	4,30,000	2014-2016
3.	Dr. J. Indira	Development of Bioceramic/triterpenoid porous nanocomposites by a novel cost-effective green synthesis route for biomedical applications	UGC SERO	Minor	4,50,000	2014-2016

DEPARTMENT OF BOTANY (AIDED)

1.	Dr. N. Anjanadevi	Exploration of sporadic medicinal plants in Kanjamalai and conservation Strategies	UGC SERO	Minor	2,80,000	2014-2016
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2.	Dr. G. Jayanthi	Histochemical and pharmacological approach for the screening and enhancement of secondary metabolite in <i>Premnatomentosa</i> Willd. and <i>Premnalatifolia</i> Roxb. Ethnomedicinal plants	UGC SERO	Minor	1,80,000	2014-2016
3.	Dr. S. Sharmila	Phytochemical and Pharmacological investigations of a therapeutic medicinal plant <i>Acacia caesia</i> (L.) Wild (Mimosoideae) Implications in Cancer Therapy	UGC SERO	Minor	2,50,000	2014-2016
4.	Dr. C. ChitraVadivu	Phytochemical and biological investigations of <i>Pisoniagrandis</i> R.Br.(Nyctaginaceae)	UGC SERO	Minor	2,70,000	2014-2016
5.	Dr. M. Rajeswari	<i>Elaeocarpustuberculatus</i> Roxb. A holy plant: New-Generation therapeutic base for treatment of Diabetic Disorders	UGC SERO	Minor	2,90,000	2017-2019
6.	Dr. K. Kalaichelvi	<i>Cayratiapedata</i> (Lam.) Gagnep.Var. <i>glabra</i> Gamble, a potential medicinal plant	UGC	Minor	2,50,000	2017-2019
7.	Dr. G. Jayanthi	To study histochemical localization and enhancement of secondary metabolites in selected <i>Cleome</i> Species	DBT Micro-grant Foldscope Project	-	8,00,000	2017-2019

8.	Dr. S. Sharmila	To evaluate the impact of climate and soil factors and species diversity on litter dynamics in tropical moist deciduous forest of Manar hill ranges, The Western Ghats	DBT Micro-grant Foldscope Project	-	8,00,000	2017-2019
9.	Dr. G. Jayanthi	Assessment of pesticidal potential of <i>Argemone mexicana</i> Linn	Tamil Nadu State Council for Science and Technology (Student Project)	-	7,500	2022-2023

DEPARTMENT OF ZOOLOGY (AIDED)

1.	Dr. D. Indumathi	Effective Microbial Conversion of Vegetable Waste to Biofertilizer	UGC SERO	Minor	3,10,000	2014-2016
2.	Mrs. M. Muthunagai	Comparative study on the quality and quantity of <i>Bombyxmorcocoons</i> with two different host plants <i>Ricinuscommunis</i> and <i>Morusnigra</i>	UGC SERO	Minor	2,70,000	2014-2016

DEPARTMENT OF NUTRITION & DIETETICS (AIDED)

1.	Dr. N. Maragatham	Pre and Pro Biotic Intervention Package for Better Gut Health to Improve Immunopotency among Adolescent Girls and Expectant Mothers	UGC SERO	Minor	3,65,000	2014-2016
2.	Dr. S. Anuradha	Designing a controlled ventilation storage structure and creating awareness among the selected beneficiaries in Erode District, Tamil Nadu	UGC SERO	Minor -	4,20,000	2014-2016

DEPARTMENT OF COMPUTER SCIENCE (AIDED)

1.	Dr. E.S. Samundeeswari	A Soft Computing Prediction Model for Breast Cancer Prognosis	UGC SERO	Minor	2,70,000	2014-2016
2.	Dr. S.K. Jayanthi	A Robust Medical Image Watermarking in Wavelet Domain using Fuzzy Approach	UGC	Minor	3,20,000	2017-2019
3.	Dr. J. Suguna	A Virtual Tenant Management in Multi-Tenant SAAS Data Model- A New Approach	UGC	Minor	2,30,000	2017-2019

DEPARTMENT OF COMMERCE (AIDED)

1.	Dr.V. Renugadevi	Green initiatives in Higher Education Institutions with Special Reference to Erode District in Tamilnadu	UGC	Minor	2,55,000	2014-2016
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DEPARTMENT OF MATHEMATICS (PG) (UNAIDED)

1.	Dr. G. Thamizhendhi	An Application of Intuitionistic Fuzzy Graphs in Neural Networks	UGC SERO	Minor	2,90,000	2014-2016
2.	Dr. K.K. Myithili	Transversals of Intuitionistic Fuzzy Directed Hypergraph and their Application to minimize the Travel Time	UGC SERO	Minor	2,20,000	2014-2016

DEPARTMENT OF PHYSICS (UNAIDED)

1.	Mrs. K. G. Aarthe	Recycling of Industrial waste in Production of Ferrous Sulphate with Nitric Acid	Tamil Nadu State Council for Science and Technology (Student Project)	-	7,500	2022-2023
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DEPARTMENT OF FOODS AND NUTRITION (UNAIDED)

1.	Dr. P. Indumathy & Dr. Ponne	Descriptive Epidemiology of Unintentional Childhood injuries in India: An ICMR Task force Multisite Study	ICMR	Major	22,78,600	2018-2020
2.	Dr.S.Ponne	Formulation and Evaluation of Horse gram Edible Cup	Tamil Nadu Council for Science and Technology (Student Project)	-	7,500	2023-2024

DEPARTMENT OF COMPUTER SCIENCE (UNAIDED)

1.	Dr. P. Radha	A Novel Prediction Model for The Risk Assessment of Cardiovascular Disease in Type-2 Diabetic Patients	UGC	Minor	2,30,000	2017-2019
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DEPARTMENT OF COMMERCE (CA) (UNAIDED)

1.	Dr. S. Kalaiselvi	A Study on Government Initiatives for Continuing Education.	UGC SERO	Minor	2,55,000	2014-2016
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DEPARTMENT OF B. Com (CS) (UNAIDED)

1.	Dr. S. Devaki	A Study on Electrical Energy Conservation Practices in Shop Floor Management of Select Oil Mills in Kangayam, Tirupur District, Tamilnadu.	UGC SERO	Minor	2,55,000	2014-2016
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DEPARTMENT OF BBA (CA) (UNAIDED)

1.	Dr. S.M. Jayasudha	A study on Government initiatives towards socio-economic upliftment of Transgender Community in Erode District	UGC SERO	Minor	2,00,000	2014-2016
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DEPARTMENT OF CHEMISTRY (UN AIDED)

1.	Dr. R. Kayalvizhi	Star Anise-Nickel Oxide Nano Synthesis and its Biological Activities	Tamil Nadu State Council for Science and Technology (Student Project)	-	7,500	2023-2024
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