

Major Research Projects

S. No	Faculty Name	Project Title	Department	Amount Sanctioned	Year Sanctioned	Funding Agency
1	Dr. R. Chithra	Glycemic Index and Glycemic load of Common Foods with special reference to Soyabean products and Development of software with Ready Reckoner for Education on Diabetes	Nutrition	7,89,600	2005-06	UGC
2	Dr R Nagarajan	Determinants of Earnings, Occupational Mobility and Social Security in Unorganised Labour Market of Engineering Industry in Coimbatore	Economics	4,10,000	2005-06	UGC
3	Dr. Radhaisri.S	Effective Utilization of Sesame Oilseed Cake into Value Added Food Products	Nutrition	5,50,850	2005-06	UGC
4	Dr R Nagarajan	Social Security for Unorganised Workers of Textile and Engineering Industry in Coimbatore District	Economics	591800	2008-09	UGC
5	Dr Jemima Beryl Mohankumar	Antioxidant Activity of Conventionally Grown Fruits and Vegetables compared to their organic Counter parts	Nutrition	1183059	2008-09	UGC
6	Dr C Balakrishnamoorthy	Assessment of Sex Education Need Among High School Students and Preparation of an Ideal Sex Education Module	Psychology	415800	2008-09	UGC
7	Mr K Muppalmanni	Tamizhka Thatthuva Tharkangal: Innon Pakkam (The Philosophy Tharks in Thamizhakam: The Otherside)	Tamil	529800	2008-09	UGC
8	Dr R Rajendran	Development of Microbial Consortia for the biodegradation and biodecolourization of textile effluents	Microbiology	3482000	2008-09	DBT
9	Dr R Rajendran	Development of hygienic fabrics using natural antimicrobial finish for defence application	Microbiology	908000	2008-09	DRDE
10	Dr R Rajendran	Development of hygienic fabrics using nano-encapsulated natural antimicrobial finish for defence application	Microbiology	1347500	2008-09	DRDO
11	Dr. V. Mohanasundaram	Genetic Engineering and Agriculture: A case of India's Seed Industry	Economics	3,06,375	2008-09	ICSSR, New Delhi
12	Dr. V. Mohanasundaram	GM Seeds and Contract Farming in Coimbatore: Economic and Environmental Impact of Cotton Cultivation	Economics	100000	2008-2009	Malcolm and Elizabeth Adiseshiah Trust, Chennai
13	Dr R Nagarajan	Health Insurance for Workers in the Informal Sector – A Study of Coimbatore Engineering Industry	Economics	100000	2008-2009	Malcolm and Elizabeth

						Adiseshiah Trust, Chennai
14	Dr K Mailswamy	Socio-Historical study of Okaligar Society in Tamilnadu	Tamil	5,77,300	2009-10	UGC
15	Dr. Sheela Ramachandran	Food Folate measurements by Trienzyme method – A comparative study of South and North Indian Dietaries	Nutrition	10,20,800	2009-10	UGC
16	Dr K Nagaraj	Development of experimental techniques to characterize nonlinear optical single crystals	Physics	7,92,300	2009-10	UGC
17	Dr. S. Radhai Sri	Creation of infrastructure facilities for Diploma in Post Harvest Technology	Nutrition	43,75,000	2009-10	Ministry of Food Processing Industries, New Delhi
18	Dr T Karthikeyan	Preserving edges in low bit rate image coding of medical images with orthogonal polynomials	Comp Sci	861800	2011-12	UGC
19	Dr R Rajendran	In Vitro evaluation of antimicrobial activity of selected indigenous medicinal plants of Coimbatore District and its documentation of use as Herbal Remedies	Microbiology	1066879	2011-12	UGC
20	Dr Lalitha Ramakrishnan Dr L Uthira	All India Coordinated Project on Indian Ethnic Cuisines – Kongu cuisine	Nutrition	300000	2011-12	Spices Board, Cochin, India
21	Dr R Nagarajan	Health Insecurity and Health Insurance for the Informal Sector Workers in Coimbatore – TN	Economics	540725	2011-12	ICSSR
22	Dr A Michael	Passive Immunotherapy using Chicken IgY Consortium with Probiotics supplementation for Gastrointestinal infections in Poultry	Microbiology	2774000	2011-12	DBT
23	Mr Chandrasekar	Development of Instructional Videos for Computerized Pilot Selection System"	Commn	6300000	2012-13	DRDO
24	Dr C Balakrishnamurthy	Preparation of Career Guidance Protocol for High School Students Based on their Brain Dominance, Personality Traits and Academic Achievement	Psychology	473000	2012-13	ICSSR
25	Dr A Anguraj	Existence of solutions of Random impulsive dynamical systems	Maths	335000	2012-13	UGC
26	Dr A Michael	Preparation of chicken egg yolk antibiotic as a cosmeceutical composition to control pityriasis simplex capillitii (Dandruff)	Microbiology	743500	2012-13	UGC

27	Dr K Kanjana	Metabolic syndrome in Resident and Immigrant Indian Young Adults: Role of Diet and Other Related Factors	Clinical Nutrition	1700\$	2013-14	Rutgers University, USA
28	Dr Lalitha Ramaswamy	Formulation of Health mixes with coconut milk powder and coconut flour, their shelf life and effect on growth and Immune status	Nutrition	1476200	2013-14	Coconut Development Board
29	Dr A Michael	Development of Biosensor based assay using chicken egg yolk antibodies for Rapid diagnosis of Rotavirus infection	Microbiology	2345257	2013-14	ICMR
30	Dr R Rajendran	Economic Utilization of Cotton wastes from Textile Mills for Bioethanol Production through Microbial Fermentation	Microbiology	5263999	2013-14	DBT
31	Dr Rajendran	Development and Demonstration on bioremediation of Indigo Dye containing Textile effluent using microbial biofilm with adapted microorganisms	Microbiology	4758240	2013-14	DST
32	Dr V Mohanasundaram	Statistical Survey for Concurrent Estimation of Coconut Production in Tamilnadu	Economics	255050	2013-14	Coconut Development Board, Kochi
33	Dr V Mohanasundaram	Statistical Survey for Concurrent Estimation of Coconut Production in Tamilnadu	Economics	239250	2014-15	Coconut Development Board, Kochi
34	Dr B Kirubashini	Service Quality in Higher Education A customer Perspective	Commerce	624600	2015-16	UGC
35	Dr K Shanthi	An Approach to Green Chemistry conversion of Low Cost Renewable Resources into Biopolymer (Polyhydroxyalkanoates) by Bacillus subtilis; Production, Degradation and Properties of Bio based Polymer Thin Films	Env Sci	1672500	2015-16	UGC
36	Dr. S. Ravi	Sanka Ilakkiyap Pinpulaattil Konkunattup Perunkarkalap Panpattuc Sinnankal Mattrum Natukarkal Parriya Ayvu	Tamil	2,50,000	2015-16	Central Institute of Classical Tamil
37	Dr V Mohanasundaram	Statistical Survey for Concurrent Estimation of Coconut Production in Tamilnadu	Economics	241620	2015-16	Coconut Development Board, Kochi
38	Dr CS Shobana	<i>Aspergillus flavus</i> from keratistis; Role of extracellular enzymes & aflatoxins as virulence factors and antifungal susceptibilities	Microbiology	2365000	2016-17	SERB
39	Dr R Rajendran Dr S Karthik Sundaram	Enhanced alternative biotreatment of textile effluents to CETPS through nanostructure based comprehensive treatment system	Microbiology	11636400	2017-18	DST-SSTP
40	Dr C S Shobana	<i>Development of Entomopathogenic Fungi for the Control of Plant Pathogenic Nematodes (Specifically different species of Meloidogyne</i>	Microbiology	2400000	2017-18	EID Parry (India) Ltd. / Coramendal

						International Ltd.
41	Dr R Nagarajan	A study of tribal health in nilgiris district - Tamil nadu with special reference to sickle cell disease	Economics	750000	2018-19	ICSSR
42	Dr C Sivaraj	Modeling of MHD Convective Heat Transfer Combined with Entropy Generation in Closed and Semi-open Cavities	Mathematics	13,97,200	2018-19	DST (International Bilateral Cooperation Division)
43	Dr. R. R. Rasmi	Investigation on the role of p62 in radiation induced lung injury	Biotechnology	Rs.30,80,100/-	2019 -2022	Department of Health Research
44	Dr. K. Rajeswari	Walkability in Urban Pedestrian Environment with reference to Coimbatore	Social Work	Rs.8,00,000/-	2019-2021	ICSSR, Govt. of India
45	Dr. S. Jailap Deen	Creating Job Opportunities for Youth through the Promotion of Textile MSMEs in Coimbatore	Social Work	Rs.3,00,000/-	2019-2021	ICSSR, Govt. of India
46	Dr. R. Rama Prabha	Non-clinical factors of Hysterectomy among Badaga Women in Nilgiri District, Tamil Nadu	Mass Communication	Rs.4,00,000/-	2019-2021	ICSSR, Govt. of India

Minor Research Projects

S. No	Faculty Name	Project Title	Department	Amount Sanctioned	Year Sanctioned	Funding Agency
1	Dr K Kalaiselvi	Evaluation of Occupational genetic risks among Dyeing and Bleaching Industrial workers	Environmental Science		1997-99	UGC
2	Dr N Rajaram	Tribal Medicines of Coimbatore district	Botany		2002-03	UGC
3	Dr A Michael	Sero-grouping of hemolytic Streptococcal isolates from clinical samples using chicken egg-yolk antibodies	Microbiology	24000	2002-03	UGC
4	Dr R Rajeswari	Bioactive compounds from wood rot fungi	Botany		2005-06	UGC
5	Dr. J. Stella Irene Mary	Characterization of spectral properties of non-normal operators composition operators	Mathematics	45000	2008-09	UGC
6	Dr. Lalitha Ramaswamy	Assessment of Nutritional Status & Influence of Iron Rich Foods on the Iron Nutritional Status & Physical Fitness Components of Athletes	Nutrition	1,80,000	2011-12	UGC
7	Dr B Ramesh	In-Vitro Evaluation of Antioxidant And Antihyperglycemic Activities of Acacia Catechu Willd Leaves Extract	Biochemistry	1,80,000	2014-15	UGC
8	Mrs M Umarani	Challenges and Opportunities for Life Insurance Providers in Rural Areas – Perception of People in Coimbatore District	Management Sciences	1,10,000	2014-15	UGC
9	Mrs V Sripriya	Compatibility of Emotional Intelligence and spiritual Intelligence with Quality Work Life : A Study of Women Academician on Colleges in Coimbatore City	Management Sciences	1,00,000	2014-15	UGC
10	Dr M Amaravathi	Stress Management and Job Performance : A Study of Women Doctors in Coimbatore City	Management Sciences	1,35,000	2014-15	UGC
11	Dr N Shanmugapriya	Biodiesel Production from Waste Cooking Oil using Lipase Enzyme	Botany	4,47,000	2014-15	UGC
12	Dr J Anuja	Biodiversity Assessment of Fresh Water Algae With Reference to the Physiochemical Parameters of selected Wetlands in and around Coimbatore District	Botany	3,90,000	2014-15	UGC
13	Mrs M Sangeetha	Cytogenetic, Molecular and biochemical Analysis in Direct exposure of Hexavalent Chromium, CR(VI) in Lether Tanning Industry Workers, South India	Zoology	4,93,000	2014-15	UGC
14	Dr M Murugesan	Systematics and Conservation of Endemic, Endangered, Rare / Threatened and IUCN red Listed Medicinal Plants in Western Ghats of Coimbatore District, Tamilnadu, India	Botany	3,60,000	2014-15	UGC
15	Dr R Sathishkumar	Phytoremediation for Dermatological Problems	Botany	4,55,000	2014-15	UGC
16	Mrs M Latha Maheswari	On Fractional Integro – Differential Equations with Interval Impulses Using Resolvent Operators	Mathematics with CA	2,15,000	2014-15	UGC

17	Mrs K Banupriya	Existence Results of New Class of Impulsive Stochastic Functional Differential Equations with Multiple Delays	Mathematics with CA	2,15,000	2014-15	UGC
18	Dr L Uthira	Comprehension evaluation of Nutrition & Health status of selected Female athletes	Nutrition	2,47,500	2013-14	UGC
19	Mrs M Thamarai Selvi	Effect of nutri dense pack on academic performance and imparting changeability on snacking pattern of adolescent	Nutrition	4,60,000	2013-14	UGC
20	Dr Victor Arokiadoss	Evaluation of SIRT3 Biomaker before and after exercise regmen in Depressoion induced Animal Model	Biochemistry	3,34,000	2013-14	UGC
21	Dr R Ravikumar	Farm Productivity Resource use Efficiency and Employment Structure under Percision Farming An Econometric Analysis in Tamilnadu	Economics	2,40,000	2013-14	UGC
22	Mrs N Krishnaveni	Microarray Analysis of algae for cellulose Hemicellulose and lignin content and study on algae as promising supplement for paper Pulp	Microbiology	2,50,000	2013-14	UGC
23	Dr R Sathya	Impact of Television Advertisement on Children	Commerce	2,50,000	2013-14	UGC
24	Dr S Kalpana	A Study on Customer Response Towards Social Networking Sites	Commerce	2,40,000	2013-14	UGC
25	Mrs M Kanimozhi	Synthesis of Nano Partilles With Plant Extract as Core Material For Mosquito Repellent Finesh on Cotton Fabric	Costume Design	2,00,000	2013-14	UGC
26	Dr. D. Priya	Anti-proliferative activity of Silver complexed chitosan nanocomposites isolated from Shrimp shells against Hep G2 cell lines	Biochemistry	245000	2017-18	UGC
27	Ms. J. Tresa Sugirtha	Intermittent partner absence and psychosocial impact – A study on merchant seafarers and their spouses	Social Work	235000	2017-18	UGC
28	Dr. D. Rajan	Empowerment of Socially Excluded through Participation: A Study of Disabled in Coimbatore District – Tamil Nadu	Social Work	165000	2017-18	UGC
29	Dr. V. Sumathi	The Enviro-economic aspects of bio-medical waste management in Coimbatore – A micro study	Economics	150000	2017-18	UGC
30	Ms. P Karpagam	Development of antimicrobial nonwoven wound dressing using nano encapsulated herbal extracts	Costume Design & Fashion	50000	2017-18	UGC
31	Mr. D. Maheshkumar	A novel approach to realize BIST for high resolution FPGAS	Electronics	365000	2017-18	UGC
32	Mr. B. Murali	System intelligent agent in distributed computing	Computer Science	200000	2017-18	UGC
33	Ms. R. Suba Lakshmi	Therapy for autistic children in Tamil Nadu using data mining	Computer Science	150000	2017-18	UGC

34	Dr. K. M. Govindaraju	Development of functionalized CNT-chitosan hybrid nano fiber for biomedical application	Chemistry	120000	2017-18	UGC
35	Ms. S. Rani Lakshmi	Effectiveness and convergence of ICT in business augmentation in Rural market segment: A study on LIC from clients perspective	Commerce	205000	2017-18	UGC
36	Dr. G. Jayanthi	An econometric study of time use pattern, nature of work and economic status of home based women working in Coimbatore	Economics	135000	2017-18	UGC
37	Dr. D. Karthik Kumar	Exploration an Isonitrile Based Multicomponent Coupling Reactions (IMCR'S) With Medicinally Active Nitrogen Heterocycles	Chemistry	120000	2017-18	UGC