

Major Research Projects

S. No	Faculty Name	Project Title	Department	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	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	2005-06	UGC
3	Dr. Radhaisri.S	Effective Utilization of Sesame Oilseed Cake into Value Added Food Products	Nutrition	2005-06	UGC
4	Dr R Nagarajan	Social Security for Unorganised Workers of Textile and Engineering Industry in Coimbatore District	Economics	2008-09	UGC
5	Dr Jemima Beryl Mohankumar	Antioxidant Activity of Conventionally Grown Fruits and Vegetables compared to their organic Counter parts	Nutrition	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	2008-09	UGC
7	Mr K Muppalmanni	Tamizhka Thaththuva Tharkangal: Innon Pakkam (The Philosophy Tharks in Thamizhakam: The Otherside)	Tamil	2008-09	UGC
8	Dr R Rajendran	Development of Microbial Consortia for the biodegradation and biodecolourization of textile effluents	Microbiology	2008-09	DBT
9	Dr R Rajendran	Development of hygienic fabrics using natural antimicrobial finish for defence application	Microbiology	2008-09	DRDE
10	Dr R Rajendran	Development of hygienic fabrics using nano-encapsulated natural antimicrobial finish for defence application	Microbiology	2008-09	DRDO
11	Dr. V. Mohanasundaram	Genetic Engineering and Agriculture: A case of India's Seed Industry	Economics	2008-09	ICSSR, New Delhi
12	Dr. V. Mohanasundaram	GM Seeds and Contract Farming in Coimbatore: Economic and Environmental Impact of Cotton Cultivation	Economics	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	2008-2009	Malcolm and Elizabeth Adiseshiah

					Trust, Chennai
14	Dr K Mailswamy	Socio-Historical study of Okaligar Society in Tamilnadu	Tamil	2009-10	UGC
15	Dr. Sheela Ramachandran	Food Folate measurements by Trienzyme method – A comparative study of South and North Indian Diets	Nutrition	2009-10	UGC
16	Dr K Nagaraj	Development of experimental techniques to characterize nonlinear optical single crystals	Physics	2009-10	UGC
17	Dr. S. Radhai Sri	Creation of infrastructure facilities for Diploma in Post Harvest Technology	Nutrition	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	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	2011-12	UGC
20	Dr Lalitha Ramakrishnan Dr L Uthira	All India Coordinated Project on Indian Ethnic Cuisines – Kongu cuisine	Nutrition	2011-12	Spices Board, Cochin, India
21	Dr R Nagarajan	Health Insecurity and Health Insurance for the Informal Sector Workers in Coimbatore – TN	Economics	2011-12	ICSSR
22	Dr A Michael	Passive Immunotherapy using Chicken IgY Consortium with Probiotics supplementation for Gastrointestinal infections in Poultry	Microbiology	2011-12	DBT
23	Mr Chandrasekar	Development of Instructional Videos for Computerized Pilot Selection System"	Commn	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	2012-13	ICSSR
25	Dr A Anguraj	Existence of solutions of Random impulsive dynamical systems	Maths	2012-13	UGC
26	Dr A Michael	Preparation of chicken egg yolk antibiotic as a cosmeceutical composition to control pityriasis simplex capillitii (Dandruff)	Microbiology	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	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	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	2013-14	ICMR
30	Dr R Rajendran	Economic Utilization of Cotton wastes from Textile Mills for Bioethanol Production through Microbial Fermentation	Microbiology	2013-14	DBT
31	Dr Rajendran	Development and Demonstration on bioremediation of Indigo Dye containing Textile effluent using microbial biofilm with adapted microorganisms	Microbiology	2013-14	DST
32	Dr V Mohanasundaram	Statistical Survey for Concurrent Estimation of Coconut Production in Tamilnadu	Economics	2013-14	Coconut Development Board, Kochi
33	Dr V Mohanasundaram	Statistical Survey for Concurrent Estimation of Coconut Production in Tamilnadu	Economics	2014-15	Coconut Development Board, Kochi
34	Dr B Kirubashini	Service Quality in Higher Education A customer Perspective	Commerce	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	2015-16	UGC
36	Dr. S. Ravi	Sanka Ilakkiyap Pinpulaattil Konkunattup Perunkarkalap Panpattuc Sinnankal Mattrum Natukarkal Parriya Ayvu	Tamil	2015-16	Central Institute of Classical Tamil
37	Dr V Mohanasundaram	Statistical Survey for Concurrent Estimation of Coconut Production in Tamilnadu	Economics	2015-16	Coconut Development Board, Kochi
38	Dr CS Shobana	Aspergillus flavus from keratitis; Role of extracellular enzymes & aflatoxins as virulence factors and antifungal susceptibilities	Microbiology	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	2017-18	DST
40	Dr R Nagarajan	A study of tribal health in nilgiris district - Tamil nadu with special reference to sickle cell disease	Economics	2018-2019	ICSSR

Minor Research Projects

S. No	Faculty Name	Project Title	Department	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	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	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	2011-12	UGC
7	Dr B Ramesh	In-Vitro Evaluation of Antioxidant And Antihyperglycemic Activities of Acacia Catechu Willd Leaves Extract	Biochemistry	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	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	2014-15	UGC
10	Dr M Amaravathi	Stress Management and Job Performance : A Study of Women Doctors in Coimbatore City	Management Sciences	2014-15	UGC
11	Dr N Shanmugapriya	Biodiesel Production from Waste Cooking Oil using Lipase Enzyme	Botany	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	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	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	2014-15	UGC
15	Dr R Sathishkumar	Phytoremediation for Dermatological Problems	Botany	2014-15	UGC
16	Mrs M Latha Maheswari	On Fractional Integro – Differential Equations with Interval Impulses Using Resolvent Operators	Mathematics with CA	2014-15	UGC

17	Mrs K Banupriya	Existence Results of New Class of Impulsive Stochastic Functional Differential Equations with Multiple Delays	Mathematics with CA	2014-15	UGC
18	Dr L Uthira	Comprehension evaluation of Nutrition & Health status of selected Female athletes	Nutrition	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	2013-14	UGC
20	Dr Victor Arokiadoss	Evaluation of SIRT3 Biomaker before and after exercise regmen in Depressoin induced Animal Model	Biochemistry	2013-14	UGC
21	Dr R Ravikumar	Farm Productivity Resource use Efficiency and Employment Structure under Percision Farming An Econometric Analysis in Tamilnadu	Economics	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	2013-14	UGC
23	Dr R Sathya	Impact of Television Advertisement on Children	Commerce	2013-14	UGC
24	Dr S Kalpana	A Study on Customer Response Towards Social Networking Sites	Commerce	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	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	2017-18	UGC
27	Ms. J. Tresa Sugirtha	Intermittent partner absence and psychosocial impact – A study on merchant seafarers and their spouses	Social Work	2017-18	UGC
28	Dr. D. Rajan	Empowerment of Socially Excluded through Participation: A Study of Disabled in Coimbatore District – Tamil Nadu	Social Work	2017-18	UGC
29	Dr. V. Sumathi	The Enviro-economic aspects of bio-medical waste management in Coimbatore – A micro study	Economics	2017-18	UGC
30	Ms. P Karpagam	Development of antimicrobial nonwoven wound dressing using nano encapsulated herbal extracts	Costume Design & Fashion	2017-18	UGC
31	Mr. D. Maheshkumar	A novel approach to realize BIST for high resolution FPGAS	Electronics	2017-18	UGC
32	Mr. B. Murali	System intelligent agent in distributed computing	Computer Science	2017-18	UGC
33	Ms. R. Suba Lakshmi	Therapy for autistic children in Tamil Nadu using data mining	Computer Science	2017-18	UGC

34	Dr. K. M. Govindaraju	Development of functionalized CNT-chitosan hybrid nano fiber for biomedical application	Chemistry	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	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	2017-18	UGC
37	Dr. D. Karthik Kumar	Exploration an Isonitrile Based Multicomponent Coupling Reactions (IMCR'S) With Medicinally Active Nitrogen Heterocycles	Chemistry	2017-18	UGC