



You Choose, We Do It
St. Joseph's College of Engineering
St. Joseph's Group of Institutions
 OMR, Chennai – 119



COMPLETED FUNDED PROJECTS

S. No.	Name of the Funding Agency	Details of the Funded Project	Amount Rs.	Name of the Faculty and Department	Academic Year
1	Tamil Nadu State Council for Science and Technology	VHDL Based Novel Approach for Load Flow Analysis in a Distribution Network	7,500	Dr. T. D. Sudhakar Electrical and Electronics Engineering	2005-2006
2	MODROB'S - AICTE, New Delhi	Modernization and Development of Measurement Laboratory	6,00,000	Dr. K. Chitra Instrumentation and Control Engg.	2006-2007
3	Naval Research Board, Ministry of Defense	Project on Friction Welding of Dissimilar Metals	11,79,000	Dr. Ananthapadmanathan Mechanical DrEngg.	2007-2008
4	MODROB'S - AICTE, New Delhi	Modernization of Electrical Machines Laboratory and Allied Laboratories with Latest Equipments	8,00,000	Dr. Manjunath Electrical and Electronics Engg.	2007-2008
5	MODROB'S - AICTE, New Delhi	Modernization of Optical Laboratory	10,00,000	Dr. A. Sivasubramanian Electronics and Communication Engg.	2008-2009
6	Naval Research Board, Ministry of Defense	Investigations of different cooling conditions in Drilling of Glass Fiber Reinforced Plastic (GFRP) Composite Pipes	12,66,000	Dr. Sathish Kumar Mechanical Engineering	2008-2009
7	MODROB'S - AICTE, New Delhi	Modernization of Internal Combustion Engines Laboratory	11,02,000	Dr. VaddiSeshagiriRao Dr. S. Arivazhagan Mechanical Engineering	2010-2011
8	MODROB'S - AICTE, New Delhi	Modernization of SM Lab with latest equipments	10,00,000	Dr. VaddiSeshagiriRao Dr. N. Arunkumar Mechanical Engg.	2010-2011
9	MODROB'S - AICTE, New Delhi	Modernization and Development of Measurement and Instrumentation Lab using VLSI Technology	5,50,000	Dr. Chitra, Eelectronics and Instrumentation Engg.	2013-2014
10	Department of Science and Technology, New Delhi	Desalination and Water Purification by Solar Powered, Nano structured Membrane Distillation Unit	6,00,000	Dr. R. Baskaran Chemical Engineering	2012-2014
11	RPS - AICTE, New Delhi	Investigation on deep hole drilling of AISI 1045 Steel and analysis of tool wear under varying aspect ratios with different cutting fluids	14,11,765	Dr. N. Arunkumar Mechanical Engineering	2015-2016
12	Cognizant Technology Solutions	Big Data Analytics Lab	4,90,000	Mr. Suresh Information Technology	2016-2017
13	Science & Engineering Research Board (SERB), Department of Science and Technology	Enzymatic mitigation of acrylamide in heat processed starchy food products using fungal asparaginase	29,24,600	Dr. G. Baskar Biotechnology	2015-2018
14	Natural Resources Data Management System (NRDMS) Department of Science and Technology	Super-Resolution Mapping Algorithms for Accurate Estimation of the Capacity of Reservoirs of Chennai City Using Satellite Images	9,31,000	Dr. C. Heltin Genitha Information Technology	2015-2018
15	Tamil Nadu State Council for Science and Technology	Design and Controller for Interacting Spherical Tank System	10,000	Mr. D Dinesh Kumar Eelectronics and Instrumentation Engg.	2017-2018



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16	Tamil Nadu State Council for Science and Technology	Sewage Block Detection	10,000	Mr. R. Sivakumar Electronics and Instrumentation Engg.	2017-2018
17	Tamil Nadu State Council for Science and Technology	Controller Design for TITO Process using Optimization Algorithm	10,000	Mrs. S. Meena Electronics and Instrumentation Engg.	2017-2018
18	Tamil Nadu State Council for Science and Technology	Wireless pollution monitoring and pest eradication in Agriculture for Eco-friendly	7,500	Mr D Dinesh Kumar Electronics and Instrumentation Engg.	2018-2019
19	Tamil Nadu State Council for Science and Technology	Smart tariff for power consumption using smart energy meter	5000	G. Lathaselvi Computer Science and Engineering	2018-2019
20	Tamil Nadu State Council for Science and Technology	Automatic crop based irrigation system	7,500	Dr.S.Rajesh Kannan Electronics and Communication Engg.	2018-2019
21	Tamil Nadu State Council for Science and Technology	Fabrication and analysis of mechanical behaviour of polymer matrix hybrid composite reinforced with carbon fibre and SMA sheet	7,500	Dr.K.M.Kumar Mechanical Engineering.	2018-2019
22	Tamil Nadu State Council for Science and Technology	Testing of anti-Psoriatic activity using a combination of <i>Aloe vera</i> and marine algae as TNF ALPHA inhibitor	7,500	Mrs.Sangeetha B Biotechnology	2018-2019
23	Department of Biotechnology (DBT)	Anticancer activity of multifunctional nanobiocomposites of L-asparaginase and metal nanoparticles	25,19,913	Dr. G. Baskar Biotechnology	2015-2019
24	MODROB'S - AICTE	Modernization and Development of Measurement Laboratory.	13,67,000	Dr.Victoria Jancee.B Electronics and Communication Engg	2018-2020
25	Tamil Nadu State Council for Science and Technology	Micro Plastic Contamination Related Health Risk Assessment From Gravitational Settling Dust in Chennai Metropolitan City	7500	Mr. P. Sri Balaji Civil Engineering	2019 -2020
26	Tamil Nadu State Council for Science and Technology	Natural Disaster interaction analysis for multi-hazard risk assessment based on the affected area using machine learning algorithm.	7500	Dr. A. Tamizhselvi Information Technology	2019 -2020
27	Tamil Nadu State Council for Science and Technology	3D printed frequency selective surface for WLAN shielding.	7500	Mr. M. Lingeswaran Electronics and Communication Engg	2019 -2020
28	Tamil Nadu State Council for Science and Technology	Supercapacitor based storage system for efficiency improvement of electric vehicles	7500	Dr. P. Velmurugan EEE	2019 -2020
29	Tamil Nadu State Council for Science and Technology	Evaluation of machining behaviour of HFRP (Kevlar/Banana and CNP) composite material for automatic parts.	7500	Mr. J. Vijayanand Mechanical Engineering.	2019 -2020
30	Tamil Nadu State Council for Science and Technology	Bioethanol production from Municipal solid waste using cellulase coated magnetic nanocatalyst.	7500	Dr. G. Baskar Biotechnology	2019 -2020
31	Tamil Nadu State Council for Science and Technology	Construction of mental behaviour model of suicidal ideation among students	7500	Dr. Priya Sethuraman MBA	2019 -2020