



ACS College of Engineering

(Approved by AICTE, New Delhi, Govt. of Karnataka, Affiliated to Visvesvaraya Technological University, Belagavi)

Sponsored by: MOOGAMBIGAI CHARITABLE AND EDUCATIONAL TRUST

S.No	Title of the Project	PI/Co-PI	Funded by	Amount Sanctioned (Rs)	Duration	Status
Number of new externally funded research projects/Fund received - 2021 - 2022						
1	AI and ML based forecasting model for prediction of Ionospheric TEC and EQ using GNSS Data	Prof. P. Soma, Dr. R. Mukesh, and Dr. P. Theerthamalai	VTU, TEQIP Research Grant	725000	2 Years	Completed
2	Aerodynamic Prediction code for canard-controlled missile	Dr. P. Theerthamalai and Dr. R. Mukesh	DRDL, Hyderabad	1481726	1.8 Years	Completed
3	Conceptual Aerodynamic Design of Expendable Attack UAV	Dr. P. Theerthamalai and Dr. R. Mukesh	Aeronautical Development Establishment (DRDO), Bangalore	958990	1 Year	Completed
4	FABRICATION AND TESTING OF BANANA AND ORANGE PEEL FIBER REINFORCED BIODEGRADABLE COMPOSITES	Dr.G.Ramanan	Karnataka State Council for Science and Technology	6000	6 Months	Completed
5	Design and Optimization of Air Intake for 155mm Ramjet Projectile	Dr. P. Theerthamalai	ARDE (DRDO), Pune.	963470	1 Year	Completed
6	Estimation of Aerodynamic parameters from Telemeter Flight Data of UAV	Dr. A.K. Sarkar and Dr. R. Mukesh	ADE (DRDO), Bangalore	967493	1 Year	Completed
7	SYSTR: A MACHINE LEARNING-BASED SMART URINE ANALYSIS TOOL	Mr. HEMANTH KUMAR G	Karnataka State Council for Science and Technology	5000	6 Months	Completed
8	SENSORY NEUROFEEDBACK DEVICE FOR ESSENTIAL TREMOR AND PARKINSON'S PATIENT'S	Dr. ANITHA S Mrs. NANDITHA KRISHNA	Karnataka State Council for Science and Technology	5000	6 Months	Completed
9	WOMEN SAFETY DEVICES USING PANIC BUTTON	Mrs. ASHWINI A M Dr. BHARATHI GURURAJ	Karnataka State Council for Science and Technology	5000	6 Months	Completed



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10	MECHANICAL PROPERTIES OF NATURAL FIBRE REINFORCED POLYMER COMPOSITES AND FABRICATION OF COMPOSITE BICYCLE FRAME	Mr.CHANDRASH EKHAR B	Karnataka State Council for Science and Technology	5000	6 Months	Completed
TOTAL				5122679		


PRINCIPAL
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