



ACS College of Engineering

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

#207, Kambipura, Mysore Road, Bengaluru – 560074



Department of Aeronautical Engineering

List of Sponsored Projects in Aeronautical/Aerospace Engineering

Sl.No	Title of the Project	Amount Sanctioned (Rs.)	Funded by	PI/Co-PI	Year of Sanction/ Duration	Status
1.	Surrogate model for Ionospheric studies using NavIC/GPS data	11,12,000/-	SAC, ISRO Ahmadabad	Prof. P. Soma, Dr. R. Mukesh, and Prof. R.R. Elangovan	2017-19 2 years	Completed
2.	Conceptual Aerodynamic Design of Expendable Attack UAV	9,58,990/-	ADE (DRDO), Bangalore	Dr. P. Theerthamalai and Dr. R. Mukesh	2021-22/One Year	Completed
3.	Design and Optimization of Air Intake for 155mm Ramjet Projectile	9,63,470/-	ARDE (DRDO), Pune.	Dr. P. Theerthamalai and Dr. R. Mukesh	2021-22/10 Months	Completed
4.	Estimation of Aerodynamic parameters from Telemeter Flight Data of UAV	9,67,493/-	ADE (DRDO), Bangalore	Dr. A.K. Sarkar and Dr. R. Mukesh	2021-22/One Year	Completed
5.	Estimation of Aerodynamic Parameters from Telemeter Flight Data of Flight Vehicle in Matlab Environment	9,64,390/-	ASL (DRDO), Hyderabad	Dr. A.K. Sarkar and Dr. R. Mukesh	2021-22/One Year	Completed



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6.	AI and ML based forecasting model for prediction of Ionospheric TEC and EQ using GNSS Data	7,25,000/-	VTU, TEQIP Research Grant	Dr. R. Mukesh, Prof. P. Soma and Dr. P. Theerthamalai	2022-23/ Two Years	Completed
7.	Investigations on sustainable fibre – Epoxy Composite applied as armour material	12,00,000/-	VTU, TEQIP Research Grant	Dr. S. Kavitha / Dr. G. Ramanan and Dr. P. Theerthamalai	2022-24/ Two Years	On- Going
8.	Aerodynamic Prediction code for canard controlled missile	14,81,726/-	DRDL, Hyderabad	Dr. P. Theerthamalai and Dr. R. Mukesh	2022-24/2 Years	Completed
9.	Prediction of Aerodynamic characteristics of Grid fins at subsonic, transonic and transonic Flows	19,28,400/-	ARDB, New Delhi	Dr. P. Theerthamalai and Dr. G.Ramanan	2023-25/2 Years	On- Going
10.	Ground Testing of Turbo Generator Fuze at Different Flight Conditions	9,67,600/-	ARDE (DRDO), Pune.	Dr. P. Theerthamalai and Dr. G.Ramanan	AY2025-26	In Process