



# 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
<b>Number of new externally funded research projects/Fund received - 2020 - 2021</b>						
1	Estimation of Aerodynamic Parameters from Telemeter Flight Data of Flight Vehicle in Matlab Environment	Dr. A.K. Sarkar	ASL (DRDO), Hyderabad	964390	1.5 Years	Completed
2	Experimental Investigation and Analysis of Automotive & Aerospace Components for NVH Characteristics	Dr. Suresh PM	AICTE-RPS	2100000	3 Years	Completed
3	INTEGRATION OF BIODEGRADABLE COMPOSITES IN AIRCRAFT STRUCTURES	Dr.G.Ramanan	Karnataka State Council for Science and Technology	6000	6 Months	Completed
4	FACE MASK DETECTION SYSTEM FOR THE ERA OF COVID-19 USING MACHINE LEARNING TECHNIQUES	Prof. POONAM KUMARI	Karnataka State Council for Science and Technology	2500	6 Months	Completed
5	IOT BASED UNIT FOR COPD TREATMENT	Dr. ANITHA S	Karnataka State Council for Science and Technology	5500	6 Months	Completed
6	PILLBOT: A NONCONTACT MEDICINE DISPENSING ROBOT FOR PATIENTS IN QUARANTINE	Prof. NANDITHA KRISHNA	Karnataka State Council for Science and Technology	5000	6 Months	Completed
7	PAIN RELIEF DEVICE FOR THE TREATMENT OF MIGRAINE	Prof. HEMANTH KUMAR G	Karnataka State Council for Science and Technology	5000	6 Months	Completed
8	FABRICATION OF SHEET METAL CUTTING MACHINE AND FOOT STEP POWER GENERATION	Prof. SUNIL RAJ B A	Karnataka State Council for Science and Technology	7000	6 Months	Completed



# 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
<b>Number of new externally funded research projects/Fund received - 2020 - 2021</b>						
9	WASTE TO WEALTH: INNOVATIVE ENGINEERING SOLUTION TO CONVERT SILT OF BELLANDUR AND VARTHUR LAKE TO VALUE ADDED PRODUCT	Prof. T.V RAMACHANDRA Dr. PRANAB DAS	Karnataka State Council for Science and Technology	7000	6 Months	Completed
10	Industrail Boiler Monitoring using IOT	Dr.H.B.Bhuvanewari	VTU, Belagavi	5000	6 Months	Completed
11	Social Distancing and Monitoring using Yolo V3	Mr. Harish L	VTU, Belagavi	5000	6 Months	Completed
12	DESIGN AND FABRICATION OF low cost modified maneuverable staniding and stretcher wheel chair transport system	Dr. Suresh P M	VTU, Belagavi	5000	6 Months	Completed
13	Ultrafine Grain Structure Development of Carbon steel processed using severe plastic deformation process by cyclic constrained groove pressing	Dr.H.S.Siddesha	VTU, Belagavi	5000	6 Months	Completed
14	Crop analysis using UAV	Prof.Albert Allen D Mello	VTU, Belagavi	5000	6 Months	Completed
<b>TOTAL</b>				<b>3127390</b>		

  
**PRINCIPAL**  
**ACS COLLEGE OF ENGINEERING**  
 Kambipura, Mysore Road, Kengeri Hobli  
 Bangalore-560074