



CAMBRIDGE INSTITUTE OF TECHNOLOGY

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Affiliated to VTU, Belagavi|Approved by AICTE, New Delhi|NAAC& NBA
Accredited| UGC 2(f) Certified| Recognized by Govt. of Karnataka



Department of Mechanical Engineering

Funded Projects:

The Department of ME is proud that many student projects have been funded with cash prizes by several funding agencies like KSCST and VTU. Our department provides guidance for students to enhance their knowledge in technology and provide support in achieving the objectives of the projects.

Name of funding agency	Project Name	Guide and student details	Status
DST SERB	Studies on strength enhancement and surface integrity on 3D printed injection moulding tools.	Dr. S.Shankar Professor - ME	38,00,000*
KSCST	Development of Burner Rig for High Temperature Applications	Guide: Dr. Sreenivas S, Mr. Anand Kulkarni Students: Mr. Bibhum Shrestha Mr. Pranaav P Mr. S Prajwal Mr. Setti Anil Kumar	Selected & Funded Rs.6000/-
KSCST	Development and Evaluation of Microstructure and Tribological Properties of Laser Sintered 3D Printed Nano Inconel 718	Guide: Prof. Karthik R Students: Harsha G, Jushwanth Yadav, Richard Johnson, Naveen Kumar M	Selected & Funded Rs.6000/-

VTU	Atmospheric water generator by using peliter effect	Guide: Dr. Suneelkumar Kulkarni Students: D Yogeshwarar, Neil Jackson Paul.A,Pavan.S,Varun.S	Selected & Funded Rs.5000/-
VTU	Rocker bogie rover	Guide: Dr. S Shankar, Students: P S Bopanna, Obad Farooq, Naveen U, Niramala J	Selected & Funded Rs.5000/-

Sl. No	Name of the Funding Agency/Organisation/Consultancy details	Faculty involved	Amount (Rs.) /Activity if it is MOU	Remarks /status
1.	UIT Machine, DSIR	Dr. S. Shankar	8 Lakhs	Completed
2.	SPDC (AICTE)	Prof. Karthik	12.53 Lakhs	Under progress
3.	MODROBS (AICTE)	Dr. S. Shankar	11.56 Lakhs	Under progress
4.	IIC mentorship (AICTE)	Prof. Anand Kulkarni	2.25 Lakhs	Under progress
5.	IDEA LAB (AICTE)	Dr. S. Shankar	15 Lakhs	Under progress
6.	KSCST	Prof. Anand Kulkarni	6,000	Completed
7.	Total	Dr. Sekhar Majumdar	49.40 Lakhs	Global Academy
8.	Consultancy in Computerised VCR Diesel engine		10.00 Lakhs	To be proposed to AICTE
9.	FDP on CFD (AICTE)			

LIST OF PATENTS

Sl No	Title of the Patent	Filed Date	Publication Date	Application No.	Innovator
1	Heavy Lifting Industrial Robotic Platform Device	11-01-22	11-02-22	358422-001(FER generated on 14/03/2022)	Dr Sagar K G
2	Energy Management Method for Fast E-Vehicle Charging Stations with the Energy storage system	10-01-22	26-01-22	2.02241E+11	Dr Sagar K G
3	Machine learning based approach to analyse the heart disease	03-01-22	04-02-22	2.02231E+11	Dr Sagar K G

S.No.	Title	Status	Innovator
1	An ultrasonic impact treatment apparatus to relieve stresses during welding	Filed	Dr. S. Shankar
2	Evaporative Cooling Street Cart Storage Unit	Filed	Dr. S. Shankar Anand Kulkarni
3	Rocker Bogie Rover	Filed	Dr. S. Shankar
4	Battery operated floor cleaning mop unit	Filed	Dr. K. Elangovan Dr. S. Shankar
5	Electrically charged handy portable weeding machine.	Filed	Dr. K. Elangovan Dr. S. Shankar