



**K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BANGALORE - 560109**  
**DEPARTMENT OF MECHANICAL ENGINEERING**

**List of Funded Projects**

Sl. No	Principal Investigator	Title of the project	Funding Agency
1	Dr.S.N. Sridhara	Development of Bio – Fuel Combustor	VTU Research Grant Scheme
2	Dr.S.N. Sridhara	Development of Vibration Analysis Test Rig for Automotive Vehicle”	ISTE
3	Dr. S N Sridhara & Yuvaraja Naik	Monitoring of Pressure in a Two-Wheeler Tubing Tyre Under Motion	KSCST-38th Series
4	Mr. J. Prashanth	Experimental Investigation to study the performance and emission characteristics of DTSE engine using Ethanol –Gasoline fuel blend (Awarded as BEST PROJECT)	KSCST-38th Series
5	Mr. Santhosh Kumar K J	Friction Stir Welding of Dissimilar Eutectic Al-Si Alloys by Using Vertical Milling Machine	KSCST-39th Series
6	Mr. Akashdeep BN	Design and Fabrication of Automated Manual Gear Transmission in Motor Bikes (Awarded as BEST PROJECT)	KSCST-39th Series
7	Dr. P N Jyothi	Experimental Studies on Cutting Parameters During Drilling Operation of Mild Steel Using Eco Friendly Vegetable Oil as Cutting Fluid (Awarded as BEST PROJECT)	KSCST-39th Series
8	Dr. P N Jyothi	Performance Evaluation of nano-based bio-oil are current fluids for drilling of Mild steel	KSCST-40th Series
9	Mr Bharath Kumar	Design and Fabrication of Paddy seedling Transplanter by using crank and lever mechanism	KSCST-40th Series
10	Dr. P N Jyothi	Solar Powered Water Purification Using a Natural Coagulant (Had been selected for State level Presentation)	KSCST-42nd Series

11	Dr. J. Prashanth	Design and fabrication of a device for post- operative knee joint recuperation	KSCST-43rd Series
12	Dr. K. Ramanarashima & Mr. Nishanth Nag H D	Optimization and synthesis of Nano catalyst and performance evaluation in di-diesel engine for different blend ratios	KSCST-43rd Series
13	Dr. K. Ramanarashima	Thermal Management of Space Electronics using Pulsating Heat Pipes	Indian Space Research Organisation, Department of Space Government of India, Antariksh Bhavan New BEL Road, Bengaluru - 560 ·231, INDIA.
14	Dr. Balaji B	Design and Fabrication of Rover Based on Rocker Bogie Mechanism	KSCST-44th Series
15	Prof. Vijay Chandan	Design and Fabrication of Plastic Compression Multimachine	KSCST-44th Series
16	Prof. Nishanth Nag	Performance Evaluation of Di-Diesel Engine for Different Diesel Blend Ratios of Gummi Gutta Seed	VTU Financial Assistance 2020-21
17	Dr. P N Jyothi	Multi Source Modular Decorticator for Multiple Crops	VTU Financial Assistance 2020-21
18	Dr. Balaji B	Design and Development of fixed wing multirotor UAV for quick Medical Response	KSCST-45th Series
19	Dr. Abhishek M R	Harnessing Wind Energy using Vertical axis Wind Mill	KSCST-46th Series
20	Dr. Abhishek MR	Design and Prototype Fabrication of Vortex Wind Turbine	KSCST-47th Series
21	Dr. P N Jyothi	Development and Fabrication of Sustainable Technology Model for Textile Effluent Treatment	KSCST SPP-48th series