



**The National Institute of Engineering**  
(An Autonomous Institute Under VTU)  
**DEPARTMENT OF MECHANICAL ENGINEERING**  
Phone: 0821-4004930, Fax: 0821-2485802, Email: [hodmech@nie.ac.in](mailto:hodmech@nie.ac.in)



**Ph.D. AWARDED**

Sl. No.	Name of the Research Supervisor	Name of the Research Scholar	Title of the Research	Year of Award	Current status
1	Dr. Suresha B	Mr. Darshan S M	Fabrication and Characterization of Silk Fiber Reinforced Epoxy Composites with Synthetic Fibers and Fillers	Feb, 2023	Awarded
2		Mr. Krishna	Processing, Characterization and Solid Particle Erosion Response of Thermoplastic Blend Based Hybrid Composite	Feb, 2023	Awarded
3		Mrs. Divya G S	Investigation of Tribological Properties of Nanofillers Filled Carbon Fabric Reinforced Epoxy Hybrid Composites	Feb, 2023	Awarded
4		Bharath P B	Studies on the effect of micro and nano filler addition on the tribological behaviour of thermoset polymer composite	Mar, 2019	Awarded



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5	Dr. M. V. Achutha & Dr. B. K. Sridhara	Mr. Srinatha R. Katti	Investigations on fatigue behaviour of carbon nano tubes filled thermoplastic composites	Feb, 2023	Awarded
6		Mr. Arun C Dixit	Studies on Fatigue Behavior of Aluminium-Boron Carbide Metal Matrix Composites	Feb, 2023	Awarded
7	Dr. B. K. Sridhara	Mr. Muralidhar Singh M	Experimental Investigation on Deposition and Characterisation of Multi Layer Thin Film Coatings for Solar Energy Application	2018	Awarded
8	Dr. N V Raghavendra	Mr. Sharath Chandra N	An empirical study to assess the technological capability of aerospace industry cluster of Bangalore	Apr, 2021	Awarded
9		Mr. Kiran Kumar C	Development of Architectural Framework and Predictive Model for Supply Chain System in the Automotive Sector Complying with Industry 4.0 Vision	2021	Awarded



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10	Dr. Aravindrao Yadwad	Mahesh G. Emmi	Development of Simulation model for Performance Evaluation of Bagasse unit in a Sugar Plant	Apr, 2021	Awarded
11	Dr. L.Krishnamurthy and Dr. T. N. Shridhar	Mr. Naveen A	Development and Characterization of Nanostructured Alumina - Titanium and Alumina - Tungsten Thin Films	Apr, 2021	Awarded
12		Raghuveer H. Desai	Studies on Mechanical Properties of Areca Fibre Reinforced Polymeric Composites by UltraViolet Surface Treatment	2022	Awarded
13	Dr. K. R. Prakash	Mr. Ravi Kumar V	Characterization of Polymer Carbon Nanofiber Composites for Strain Measurement	Mar, 2022	Awarded
14		Umesh V	Study on the Effectiveness of Image Guided Medical Robots Using Deep Learning	2023	Awarded
15		Harish B	Characterization of Ni3 AL on ZA27 as antifriction bearing material	2023	Awarded