



Department of Mechanical Engineering
THE NATIONAL INSTITUTE OF ENGINEERING



Estd: 1946 (An Autonomous Institute Under Visvesvaraya Technological University, Belagavi)

MECHANICAL DEPARTMENT IS A VTU RECOGNIZED RESEARCH CENTRE.

LIST OF THE Ph.D AND M.Sc(Engg) AWARDED FROM MECHANICAL
ENGINEERING DEPARTMENT AT NIE.

Sl. No	Name of the Candidate	USN No	Title of The Thesis	Year of Award	Name of the Supervisor and Co-supervisor
1	Mr. Govindaraju H.K.	4NI04PMM01	“Effect of Heat Treatment on Fracture Toughness of Aluminium Alloys”	2011	Dr. T. Jayaraju
2	Mr. Suresha S	4NI03PMM02	A Comprehensive Study on Tribological Behaviour of Hybrid Aluminium Matrix Composites	2011	Dr. B.K. Sridhara
3	Mr. Prabhakara S.S	4NI03PMN01	Industrial Clustering & Technological Dynamism: Investigations into the System of Knowledge Accumulation	2012	Dr. N.V. Raghavendra
4	Mr. Kiran Kumar. P	4NI12PMN04	“Studies on Infrared Cured Fibre Reinforced Polymer Composites”	2012	Dr. N.V. Raghavendra
5	Mr. Srihari Upadhyaya Y		“Fatigue Life Prediction of Materials by Numerical Simulation”	2012	Dr.B.K.Sridhara
6	Mr. Neelkant V. Londe	4NI04PMN03	“Crack Propagation Studies in Metallic Materials”	2012	Dr. T. Jayaraju
7	Mr. Aravind Rao. M. Yadwad	4NI06PMM02	“Feasibility Study on the use of Agro-based Biomass Fuel in a Pilot Scale FBC Power Generation Plant”	2013	Dr. S.N. Kurbet (BEC) Dr. S. Seetharamu (CPRI) Dr. T. Jayaraju
8	Mr. B.N. Ramesh	4NI08PMM01	“Processing, Microstructure and Tribological Characterization of Fiber and Particulate filled Polymer Composite Systems”	2014	Dr. B. Suresha
9	Mr. Devarajaiah .R.M	4NI08PMN01	“Experimental And Mathematical Modelling Of Abrasive Wear Behaviour Of Particulate Filled Fabric Reinforced Thermoset Polymer Matrix Composites”	2015	Dr. B. Suresha
10	Mr. Krupashankar M S	4NI11PMN01	“Studies on processing thermo mechanical behaviour of carbon nanotube filled thermo plastic polymer composites”	2017	Dr. B.K.Sridhara
11	Mr. Mohan Krishna S A	4NI11PMM01	“Thermal characterization of Al-6061-SiC-Graphite Hybrid Metal Matrix Composite”	2018	Dr. T.N. Sridhar Dr. L. Krishnamurthy
12	Mr. Muralidhar Singh M	4NI12PMN01	“Experimental Investigation on Deposition and Characterisation of Multi Layer Thin Film Coatings for Solar Energy Application”	2018	Dr. T.N. Sridhar Dr. B.K. Sridhara



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13	Mr. Hulugappa B	4NI06PMN01	“Processing, Characterization and fracture toughness of thermoset polymer composites”	2018	Dr. M.V. Achutha Dr. B. Suresha
14	Mr. Bharath P B	4NI10PMN01	“Studies on the effect of micro and nano filler addition on the tribological behaviour of thermoset polymer composite”	2018	Dr. B. Suresha
15	Mr. Sharath Chandra N	4NI12PMN02	“ An empirical study to assess the technological capability of aerospace industry cluster of Bangalore”	2020	Dr. N V Raghavendra
16	Mahesh G. Emmi,	4NI15PMJ04	“Development of Simulation model for Performance Evaluation of Bagasse unit in a Sugar Plant”	2020	Dr. Aravindrao Yadwad
17	Mr. Naveen A	4NI12PMN03	“ Development and Characterization of Nanostructured Alumina - Titanium and Alumina - Tungsten Thin Films”	03.04.2021	Dr. L.Krishnamurthy and Dr. T. N. Shridhar
18	Mr.Arun C Dixit	4NI15PMJME08	“Studies on Fatigue Behavior of Aluminium-Boron Carbide Metal Matrix Composites”.	05.08.2021	Dr.M.V.Achutha and Dr.B.K.Sridhara

M.Sc. (ENGG). AWARDED

1	Mr. B.L. Ravishankar	4NI09MMM01	“Processing Microstructure and tribological characterization of fiber and particulate filled nano composites”	2012	Dr. B. Suresha
2	Mr. Mahendra A		“New Product Development”	2019	Dr. N.V. Raghavendra