

No.	Name of the Student	Year	Title of the thesis	Co-Guide	Publications during the research period
73	Arshilan Khan	2022	Experimental analysis of electrical discharge machining of Inconel 718 using coated and uncoated electrode	Nil	Nil
72	Mohit Godara	2022	Finite element and experimental analysis of micro drilling process on SLM produced marring Steel	Nil	2 Int. Conf
71	Parampogu Jessy Rajulu	2022	Finite element simulations and experimental investigations of cryo-treated textured tool on machinability of Ti-6Al-4V	Dr. Basil Kuriachen	1 Int. Conf
70	Thool Shashank Prashant	2022	Experimental study of internal flushing in tool electrode using PM-EDM to improve its machining performance and surface integrity	Nil	Nil
69	Anand Sankar M	2021	Slicing and deposition strategies in fused filament fabrication process for enhancement of the surface quality of aerodynamic parts	Dr. Jose Mathew	1 Int. Conf (Best Paper Award AIMTDR, 2021)
68	Debendra Kumar Khandai	2021	3D Finite Element Simulation of Residual Stresses Induced in Micro Turning of Ti-6Al-4V	Dr. Basil Kuriachen	1 Int. Journal
67	Krithik Saxena	2021	Development of additive manufactured multi channel brachytherapy applicator and water phantom for cancer treatment	Dr. Jose Mathew	Nil
66	Subham Jaiswal	2021	Experimental Investigation on Microstructure and Nanomechanical Behaviour of Electric Discharge Deposited Surface Layer of Ti-6Al-4V	Dr. Jose Mathew	1 Int. Conf
65	Tejanshu Sekhar Sahu	2021	3D Finite Element Modelling and Experimental Investigation into Turning of Ti-6Al-4V with Textured Tools	Dr. Jose Mathew	1 Int. Journal 1 Int. Conf
64	Jami Aravind Swamy	2020	Performance Evaluation of Nano MQL during Sustainable Micro End Milling of Inconel 718	Nil	Nil
63	Majji Vasu Naidu	2020	Finite Element Simulation of Residual Stresses in Micro Turning of Ti-6Al-4V Alloy	Nil	Nil
62	Sreeraj P R	2020	Flank Wear Prediction in Conventional Turning Operation using AE Signals	Dr. R Manu	1 Int. Journal
61	G Venkatesh	2019	Modelling and Experimental Analysis of Burr Formation during Micro End Milling of Inconel 718	Nil	2 Int. Conf.
60	Nirmal Raj K.	2019	Modeling and Experimental Investigation of Temperature Dependent Tool Wear during Micro End Milling of Inconel 718	Nil	1 Int. Conf.

59	Kattari Muni Sekhar	2019	Investigations on Residual Stresses and Surface Integrity in Micro turning of Titanium alloy (Ti-6Al-4V) under Dry and MQL cutting conditions	Nil	1 Int. Conf.
58	Prasanna Venkatesh N	2019	Tool Texturing - A Tribological Approach to Minimize Tool Wear during Micro Turning of Titanium Alloy	Dr. Deepak Lawrence K	1 Int. Journal
57	Mr. Rahul Yadav	2018	Investigations on the Residual Stress Modelling during Micro Endmilling of Ti-6Al-4V Alloy	Nil	1 Int. Conf. (Best Paper Award AIMTDR 2018)
56	Mr. Ankit Awasthi	2018	3D Finite Element Simulation and Experimental Investigation of Cutting Force and Analysis of Effect of Heat Treatment on Machining Characteristics during Micro End Milling on Inconel 718	Nil	1 Int. Conf.
55	Mr. Asams S.	2018	Finite Element Simulation and Experimental Investigation of Tungsten Carbide Tool Wear during Micro Turning of Ti-6Al-4V Alloy	Nil	1 Int. Conf.
54	Ms. Sowjanya N. S.	2018	Experimental Investigations on Effects of Process Parameters on Delamination and Surface Quality in Drilling of CFRP	Dr. Jose Mathew	1 Int. Conf.
53	Mr. Arun V	2017	Design and Fabrication of Wire Electrical Discharge Turning Setup and Study of Surface Roughness, Roundness and Cylindricity of WEDT Products	Nil	Nil
52	Ms. Akansha Srivastava	2017	Micro-Drilling: Force Modeling, Simulation and Experimental Investigation of Sequential Drilling	Dr. Harish C. Barshilia, NAL	Nil
51	Mr. Abhishek Kumar	2017	Modeling and Experimental Investigation of Honing Process in Steering Unit	Dr. Sandeep Joglekar	Nil
50	Mr. Ananthan S. P.	2017	Numerical simulation and experimental investigation of the crater surface profile formed during Micro EDM on Inconel 718	Nil	Nil
49	Mr. Bhanupratap Gaur	2017	Micro end milling of Ti-6Al-4V : modeling of temperature distribution ,experimental study on tool wear and its effect on temperature	Nil	Nil
48	Ms. Anchana P.	2016	Modeling and Experimental investigation of Burr formation during Micro Milling of Ti-6Al-4V	Nil	Nil
47	Mr. Nithinraj M.	2016	Modeling and Experimentation in WEDM and studies on surface quality using powder mixed dielectric	Nil	Nil
46	Mr. George John	2016	Modeling of temperature distribution in Micro EDM and experimental investigation of Micro Electric discharge drilling on Inconel 718	Nil	Nil
45	Mr. Adabala Subrahmanyam	2016	Thermal modeling of micro electric discharge machining and surface integrity studies of WEDM of Inconel 718	Nil	Nil

44	Mr. Anand Krishnan N.	2016	Modeling and experimental investigation of micro End milling cutting force , surface roughness and tool wear on of Ti-6Al-4V	Nil	Nil
43	Mr. Patil Deepak Deelip	2015	Modeling of Thermal Residual Stress and Surface Roughness during Micro-EDM on Titanium Alloy	Nil	1 Int Conf.
42	Mr. Awad Dhondiba Santoba	2015	Modeling and Experimental Investigation of Low Frequency Workpiece Vibration Assisted Micro EDM Milling of Titanium Alloy	Nil	Nil
41	Mr. Dinesh Babu P.	2014	Modeling, Experimental Investigation and Optimization of Process Parameters in machining Inconel-718 using Micro-WEDM	Dr. Allesu K.	2 Int Conf.
40	Mr. Vignesh S.	2014	Investigation on machining characteristics of varying electromagnetic field assisted die sinking EDM.	Dr. R. Manu	2 Int Conf.
39	Mr. Mithun S. Nair	2014	Thermal Modeling of Micro Electric Discharge Machining of Ti-6Al-4V using FEM	Dr. R. Vijayakmar	3 Int Conf.
38	Mr. Alwin Varghese	2014	Finite Volume approach for solving three dimensional micro-EDM model with RC Circuit	Dr. Satyananda Panda	2 Int Conf., 1 Int Journal
37	Mr. Vipin Vijayan	2014	Process Modeling and Experimental Investigation on Powder Mixed Micro EDM of Aerospace alloys	Dr. R. Manu	2 Int Conf.
36	Mr. Jithin S.	2013	Optimization and ANN Modeling of $\mu$ -EDM Milling of Ti-6Al-4V using WC electrodes.	Nil	3 Int Conf.
35	Mr. Abhimanyu S.	2013	Effect of surface to surface contact parameters on stress and deflection	Dr. Bhugaragan Bhaskaran	Nil
34	Mr. Navaneeth M.S.	2013	Finite Element Analysis of Strain Rate Dependency on Micromachining	Mr. A. M. Sreenath	2 Int Conf.
33	Mr. Pradeesh S. S.	2013	Analysing the effect of break edges on aero-engine blade disc dovetail interface using FEM.	Nil	Nil
32	Mr. Deepak G. Dilip	2012	Multi-Objective Optimization of Process Parameters in Micro Drilling using Vibration Assisted Micro EDM	Nil	5 Int. Conf. [Won ISTE All India Best M.Tech. Thesis Award in Mech. Engg during 2012]
31	Mr. Mathew J. Joseph	2012	Experimental Investigations and ANN Modeling of Micro-EDM Drilling using Tubular Electrodes	Nil	3 Int. Conf.
30	Ms. Shravani S.	2012	Parameter Optimization of $\mu$ -WEDM process and Thermal Modeling of Single Discharge $\mu$ -EDM.	Nil	4 Int Conf.
29	Mr Suvin P. S.	2012	Development of an attachment for taper cutting and abrasive flow finishing of taper cut surface in $\mu$ -WEDM	Dr. R. Manu	3 Int Conf.
28	Mr Viran Kumar V	2011	An investigation on surface characteristics of micro turned components		

27	Mr Vamsi Vardhana Reddy	2011	Measurement of effective diameter of screw threads by using CMM	
26	Mr Mukesh M	2011	Slipline Modelling of Micro-turning	
25	Mr Dinesh Setti	2011	Genetic Algorithm Based Multi-Objective Optimization of Cutting process Parameters in Micro end Milling	2 Int. Conf
24	Mr Chandras Jayaram Robin	2010	Modelling of Micromachining Processes	2 Int. Conf
23	Mr Aravind D	2009	Modelling of Micro Electric discharge machining Processes	
22	Mr A Varun	2009	Experimental investigation on Electric Discharge turning	1 Int. Conf
21	Mr. Bhavani Prasad Lanka	2008	Analysis and Cutting Forces and Chatter in End Milling	
20	Mr Subba Rao	2008	Investigation in Micro Electric Discharge Machining	1 Int journal, 1 Int Conf
19	Mr Sooraj V S	2008	Theoretical and Experimental Investigations on Mechanical Micromachining (M3)	1 int. Journal, 4 Int. Conf (Won ISTE Best MTech Thesis Award in 2008)
18	Mr Prakash N	2008	Experimental analysis of Cutting Force and Surface Roughness during Face Milling	
17	Ms Indira Priyadarshini	2008	Computer Aided Manufacture of a miniaturized Gear Pump	
16	Ms Kavitha A	2008	Computer Aided Design and Analysis of miniaturized Gear Pumps	
15	Mr Hariprasad J	2007	Experimental Studies on Microturning	
14	Mr Suresh Kumar V B	2007	Investigations into the influence of Process Parameters on Microwire EDM	1 Int. Conf
13	Mr Hashim V	2007	Investigations of Micro-Hole Machining by Micro-EDM	1 Int. Conf
12	Mr RaviPrasad M	2006	Evaluation of Profile and Lead error of Spur Gear using coordinate Data	
11	Mr Ajeesh G	2006	Design, Modeling and Vibration Analysis of Fixture for Wheel Sensor	
10	Mr Sanal S	2006	Metallurgical Analysis of Orthopedic Implants and its Correlation with the clinical Performance in Biological Environment	
9	Mr Lyjith K L	2006	Development of Sic Reinforced Al <sub>2</sub> O <sub>3</sub> Ceramic Matrix Composite	1 Int. Conf
8	Mr Saresh N	2006	Parametric Optimization of EBW processes	1 Int. Journal and 1 Int Conf