

Bhujbal Knowledge City
MET's INSTITUTE OF ENGINEERING
Department of Mechanical Engineering
Ph.D. Research Centre

List of Ph.D. Research Scholars

Sr. No.	Name of Research Scholar	Name of Supervisor	Title of Research	Date of Admission	Date of Registration	Date of Award
1.	Shubham R. Suryawanshi	Dr. J. T. Pattiwar	Design and Performance Analysis of Hydrodynamic Journal Bearing Considering Thermal Effects	30/06/2014	23/06/2015	05/09/2019
2.	Harshal A. Chavan	Dr. V. P. Wani	Critical Analysis of Sheet Metal Forming Process Using Optimization Technique	30/06/2014	23/06/2015	05/09/2019
3.	Tushar Y. Badgujar	Dr. V. P. Wani	Performance Study of Stamping Process Using Condition Monitoring Technique	01/07/2015	19/09/2016	10/05/2023
4.	Yuvraj B. Chaudhary	Dr. V. P. Wani	Performance Analysis of Micro Small and Medium Scale Manufacturing Units Using Retrofitting Technique: A Case Study of Press Tool Units in Nashik	01/07/2015	19/09/2016	Admission Cancelled
5.	Raghavendra R. Barshikar	Dr. P. R. Baviskar	Fault Analysis of Gear and Bearing Combination in a Single Stage Worm Gearbox Using De-noise Vibration Signature	10/01/2018	21/03/2018	24/08/2023
6.	Swapnil V. Lokhande	Dr. J. T. Pattiwar	Performance Investigation of HSS Single Point Cutting Tool with Different Coating	10/01/2018	21/03/2018	Admission Cancelled
7.	Ankush K. Gaikar	Dr. S. D. Kalpande	Analysis of Arc Welding Process Parameters at Critical Point in Pressure Vessel during Design Process	10/01/2018	21/03/2018	Admission Cancelled
8.	Ulhaskumar V. Patil	Dr. V. P. Wani	Study of Theory of Constraints in the Context of Production Planning and Control for Medium Scale Manufacturing Unit	16/07/2018	12/01/2019	Pursuing

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9.	Nitin B. Ahire	Dr. D. D. Deshmukh	Performance Analysis and Development of Multi-lobe Hydrodynamic Journal Bearing Using Optimization Technique	13/01/2020	12/03/2020	Pursuing
10.	Rajendra J. Pawar	Dr. M. P. Ray	Performance Analysis of Centrifugal Pump using Bionic Impeller	13/01/2020	12/03/2020	Pursuing
11.	Dinesh P. Panchve	Dr. M. P. Ray	Performance Investigation for Vapour Compression Refrigeration System Using R-410a Refrigerant and TiO ₂ Nanolubricant	13/01/2020	12/03/2020	Pursuing
12.	Amol B. Varandal	Dr. L. K. Toke	Experimental Performance Analysis of Single Cylinder 4-Stroke CI Engine Using Hybrid Methyl Ester	13/01/2020	12/03/2020	Pursuing
13.	Sharad K. Nirgude	Dr. S. D. Kalpande	Analysis of AA-6101 T64 and Cu Joint Properties Using Ultrasonic Assisted Friction Stir Welding	13/01/2020	12/03/2020	Pursuing
14.	Vaibhav E. Kothawade	Dr. V. P. Wani	Experimental Investigation of RP Processes in Product Development Using MCDM Technique	13/01/2020	12/03/2020	Pursuing
15.	Dipak J. Chaudhari	Dr. G. N. Shelke	Experimental Investigation in Single Cylinder VCR multifuel Laser Ignition Engine	18/03/2022	28/04/2022	Pursuing
16.	Ashwin D. Patil	Dr. S. D. Kalpande	Experimental Analysis of Nozzle Wear in Fused Deposition Modelling Process	18/03/2022	28/04/2022	Pursuing

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17.	Tushar D. Patil	Dr. G. N. Shelke	Development of Pressurised Circulating Fluidized Bed (PCFB) gasifier using locally available agrowaste	18/03/2022	28/04/2022	Pursuing
18.	Ganesh J. Pagar	Dr. L. K. Toke	Experimental Analysis of heat treated friction stir welded joint of Aluminium AA3103	18/03/2022	28/04/2022	Pursuing
19.	Vishal J. Dhore	Dr. L. K. Toke	Experimental Analysis of gravity die casting process for LM-16 aluminium alloy used in automotive braking system	18/03/2022	28/04/2022	Pursuing
20.	Amol P. Vadnere	Dr. S. D. Kalpande	Parametric Analysis of MQL Nanofluid for Milling of AISI 5160 using MCDM Techniques	18/03/2022	28/04/2022	Pursuing
21.	Vishal P. Chaudhari	Dr. S. D. Kalpande	Performance Analysis of Fused Deposition Modeling 3D printing process parameters using Neural Networks	18/03/2022	28/04/2022	Pursuing
22.	Sharad E. Bodke	Dr. G. N. Shelke	Experimental Investigation of Agriculture Solar Pump with Radiant Cooling and Solar Reflector for Power Enhancement	18/03/2022	28/04/2022	Pursuing
23.	Vishwas M. Palve	Dr. G. N. Shelke	Performance Investigation of a Fresnel Lens Solar Collector for mid-temperature industrial applications	18/03/2022	28/04/2022	Pursuing
24.	Kishor W. Kale	Dr. S. D. Kalpande	Analysis of factors for Humanitarian Supply Chain framework in Context of Pandemic	18/03/2022	28/04/2022	Pursuing

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25.	Santosh Rama Shekokar	Dr. H. A. Chavan	Multiobjective Optimization of Abrasive Water Jet Machining Process using Response Surface Method	12/04/2023	09/06/2023	Pursuing
26.	Nilesh Sitaram Gaikwad	Dr. D. D. Deshmukh	Critical Analysis of Hypervelocity Impact over Hybrid Composite	12/04/2023	09/06/2023	Pursuing
27.	Pranav Gajanan Firke	Dr. L. K. Toke	Critical Analysis of Laser Cutting Process for Ni Based Super Alloy	12/04/2023	09/06/2023	Pursuing
28.	Manoj Subhash Patil	Dr. H. A. Chavan	Performance Analysis of Ventilated Disc used in Disc Brake with Thermomechanical and Structural Investigation	12/04/2023	09/06/2023	Pursuing
29.	Ravindra Mahadeo Ghogare	Dr. D. D. Deshmukh	Experimental Analysis of Phase Change Composite Material for Battery Thermal Management	12/04/2023	09/06/2023	Pursuing
30.	Yuvraj Vadaje	Dr. H. A. Chavan	Performance Improvement in Vertical Turret Milling Machine with Artificial Intelligence Based Condition Monitoring	12/04/2023	09/06/2023	Pursuing
31.	Darshan Diliprao Kulkarni	Dr. A. B. Kakade	Experimental investigation of Lead free Composites used in Journal bearing	26/06/2023	18/08/2023	Pursuing
32.	Rahul Sunil Thakare	Dr. A. B. Kakade	Investigation of Dual Fuel Reactivity Controlled Compression Ignition Engine with ethanol in diesel	26/06/2023	18/08/2023	Pursuing

