

Faculty of Engineering & Technology
Department of Mechanical Engineering
List of Ph.D. Candidates (Completed)

Sr. No	Name of Candidate	Father's Name	Registration No.	Date of Registration	Name of Supervisor	Name of Co-Supervisor	Topic of Research	Date of Completion
1	Mr. Raj Kumar	Sh. Sukhbeer Singh	92-Mech. Engg. 26		Dr. VK Gupta		Design of An Evaporative Tabular Heat Dissipator using Optimum Quantities of Fluids.	19-01-1999
2	Mr. Pankaj Khatak	Mr. MR Khatak	1016901		Dr. HC Garg		Thermo-hydrostatic Analysis of Hybrid Journal Bearing Operating with Micropolar Lubricant.	25-09-2017
3	Mr. Kaushal Kumar	Sh. Kanwar Singh	14169005		Dr. Munish Gupta		Investigation on Ash Disposal Pipeline of Thermal Power Plant for transporting ash slurry at high concentration.	25-09-2017
4	Mr. Himanshu Manchanda	Sh. Satish Kumar	14169004		Dr. Mahesh Kumar		Experimental Investigation and Thermal Analysis of Solar Water Distillation cum-Drying Units.	25-07-2018
5	Mr. Ajay	Sh. Jagdeesh	14169001		Prof. Vishal Gulati		Optimization of process parameters in incremental sheet forming: Experimental and Theoretical Analysis.	28-11-2018
6	Mr. Vinay Singh	Sh. Jagphool Singh	15169002		Prof. Munish Gupta		Experimental Study of Heat Transfer Analysis Using Nanofluids in a Heat Exchanger.	27-03-2019

7	Mr. Anil Dhanola	Sh. MorSingh Dhanola	180160090001		Prof.HC Garg		Theoretical and experimental study of hydrodynamic journal bearing with bio-lubricantcontaining nanoparticles additives.	19-03-2021
8	Mr. Rakesh Kumar	Sh. Sukhpal	15169001		Dr.Mahesh Kumar		An experimental study on enhancement of heat utilizationina conventionaljaggerymaking plant.	19-04-2022
9	Mr. Yajvinder	Sh.Ramesh Chander	14169002		Prof.Vishal Gulati		Implementationof CAD/CAM in medical prosthesis products.	12-05-2022
10	Sh.Sonu Kumar	Sh.Bhagwan Singh	14169003		Prof.Vishal Gulati		ImplementationofCAD/CA MinIndian Handicraft Sector.	16-11-2022
11	Mr.Rajender Kumar	Sh.Mahender Singh	190160090003		Dr.Puneet Katyal		Surface characterization and degradation study of biodegradable magnesium alloys under conventionaland non-conventional machining processes.	16-11-2022
12	Mrs.NeetiArora	Sh. Jagdish ChanderArora	190160090002		Prof.Munish Gupta		Experimental Investigation onThermohydraulic performanceofnanofluids inanon-circular tube.	12-12-2022
13	Mr.Rahul Grewal	Sh.AzadSingh Grewal	190160090004		Prof.Mahesh Kumar		Experimental study on solar and induction heating of sugarcane juice.	20-01-2023

14	Mr. Vijender Gill	Sh. Satbir Singh	17169002		Dr.Puneet Katyal	Dr.Kamal	Improving the functionality of Ti-6Al- 7Nb for Orthopedic implant Applications through EDM/WEDM Processing.	25-04-2023
15	Mr. Gitesh Kumar	Sh. Kamlesh Kumar	190160090104		Prof. HC Garg		An Experimental Investigation of Tribological Characteristics of Environmentally Acceptable Lubricant Containing Ionic Liquid and Nanoparticles as Additives.	26-02-2024
16	Mr. Shimpy	Sh. Rakesh	190160090105		Prof.Mahesh Kumar	Prof. Anil Kumar	Thermodynamic performance evaluation of domestic hybrid solar dryer.	03-01-2025
17	Mr. Amit Malik	Sh. Balwan Singh	190160090005		Prof.Mahesh Kumar		Thermo-economic Analysis of Innovative Solar Herbs Dryer	20-08-2025