

List of Registered Ph. D. Research Scholars Department of Mechanical Engineering

S. No.	Name of Scholar	D. O. R/ Reg. No.	Supervisor (S)	Title	Status
1.	Deshdeep	28/09/2015	Dr. A.F. Sherwani Dr. Akhilesh Arora, DTU	Thermodynamic Analysis of Solar Driven Refrigeration Cycles	Continued
2.	Shahim Haider Abidi	29/09/2015	Prof. M.M. Hasan	Numerical Simulation for Improving Performance of Diesel Engine	Continued
3.	Md. Ziyaur Rahman	30/09/2015	Prof. Z.A. Khan Dr. A. N. Siddiquee	Some Studies on Cladding using Gas Metal Arc Welding (GMAW)	Continued
4.	Firasat Husain	29/09/2015	Dr. A. N. Siddiquee Prof. Z.A. Khan	Some Studies on GAS Metal Arc Welding	Continued
5.	Suraj Kumar Singh	JMI00872166 08.11.2016	Dr. Sabah Khan Dr. R.K. Mishra, Gautam Buddha Univeristy	Processing and characterization of Agaves Nano Fibers Reinforced Thermoset Polymer composites	Continued
6.	Mubeen	JMI00874576 04.11.2016	Prof. A.N. Siddiquee Prof. Z.A. Khan	Some studies on Tailored blank fabrication	Continued
7.	Rashid Latif	JMI00872616 04.11.2016	Prof. Z. A. Khan Dr. S. L. Verma, NIET, Noida	Modifying the Mechanical Characterstics of Cast Hybrid Aluminium Metal Matrix Composite using squeeze casting technique	Continued
8.	Syed Saud Abidi	19/12/2017 JMI00146104	Prof. A.N. Siddiquee Prof. Z.A. Khan	An Investigation on Machining & Finishing Of Aisi 50100 Hardened Alloy Steel	Continued
9.	Najeeb Ullah Khan	20/12/2017 JMI00151228	Prof M. M. Hasan	An Experimental Investigation of Heat Transfer In Microchannel Heat Sink	Continued
10.	Mohd Shahid	19/12/2017 JMI00146343	Prof M. N. Karimi	Optimization of Building Energy Performance	Continued

11.	Javed Kaleem	19/12/2017 JMI0015135 9	Prof. Z. Mallick Prof. Abid Ali Khan, AMU	Vibration Exposure for The Improvement in Diabetic Patients	Continued
12.	Mohd Shoeb	18/12/2017 JMI00148671	Dr. Lokesh Kumar Prof. Abid Haleem	Additive Manufacturing	Continued
13.	Salma Khatoon	22/12/2017 JMI00147757	Prof. M.N. Karimi	Comparison of Fourth Generation Refrigerants Hfo1234yf & Hfo1234ze By Second Law Efficiency & Energy Destruction Analysis For Automobile Sector	Continued
14.	Sazaad Hasan	21/12/2017 JMI00146845	Prof. Mohd Emran Khan	Pridiction Of Energy Saving In Solar Thermal Hybrid Vrf System	Continued
15.	Navneet Kumar Suman	19/12/2017 JMI00145857	Prof. A.N. Siddiquee Dr, Soumenker, IUAC, New Delhi	Development of Test Cryostat For Superconducting Magnet	Continued
16.	Shanayrab	26/12/2017 JMI00146919	Dr. Abid Haleem	Indigenous Design & Development of Pressure Calibrator	Continued
17.	Sameera Mufazzal	20/12/2017 JMI00145987	Prof. S.M. Muzakkir	Some Studies on Fault Detection In Engineering Systems	Continued
18.	Shadab Ahmad	JMI0188698 20-8-2018	Dr. Tasmeem Ahmad Khan	Study of Performance of Solar Thermal Power Plants using various type of Thermodynamics Cycle	Continued
19.	Rehan Farooque	JMI0304410 14-8-2018	Dr. Mohd. Asjad Dr. Javed Ahmed Rizvi, AMU	Performance Analysis of Injection Moulded Materials for Automotive Segments	Continued
20.	Mohit Bansal	JMI0303705 14-8-2018	Prof. Abdur Rahim	Aerodynamics of Combustor/Diffuser Flow Analysis using CFD	Continued
21.	Md Nadeem Alam	JMI0185864 14-8-2018	Prof. Z A Khan Prof. A.N. Siddiquee	Some Studies on WEDM Performance Evaluation	Continued
22.	Rahul Katna	JMI0171128 16-8-2018	Prof. Mohd Suhaib Dr. Narayan Agrawal, DIET, Delhi	Design and Development of a Nozzle for Delivering Indigenously Developed Biodegradable Cutting Fluid and Performance Analysis in turning operation	Continued

23.	Mukesh Yadav	JMI0224899 16-8-2018	Prof. M. M. Hasan	Some Computational Model, Optimization and Experimental Investigations on Combustion, Performance and Emissions of Biodiesel on CI Engine	Continued
24.	Nosheen Fatma	JMI0283483 14-8-2018	Prof. Abid Haleem	Eco- Innovation and Its Management	Continued
25.	Shafi Ahmad	JMI021236 6 17-8-2018	Prof. Z A Khan Prof. M. Ali, AMU	Dynamic Scheduling Of Manufacturing System	Continued
26.	Sayeed Ahamad	JMI0330327 04-02-2019	Prof. Aas Mohd.	Mechanisms and Design	Continued
27.	Ashish Sharma	JMI032966 4 04-02-2019	Prof. Zahid A Khan Prof. Arshad Noor Siddiquee	Some studies on effect of tool material, size and shoulder diameter on aluminum alloys on friction Stir welding	Continued
28.	Tahir Ali Khan	JMI032954 7 04-02-2019	Dr. Tasmeem A Khan Dr. Ashok Kumar Yadav, RKGIT, Ghaziabad	Experimental Studies on Utilization of Microalgae as an Alternative Fuel in Compression Ignition Engine	Continued
29.	Visnu Kumar Tiwari	JMI032975 3 04-02-2019	Prof. Zahid A Khan Prof. Arshad Noor Siddiquee	An investigation on error and accuracy of machine component	Continued
30.	Mr. Ashwani	August 2019	Dr. A. F. Sherwani	Thermodynamic Analysis of Low Grade Heat Source Driven Organic Rankine Cycle	Continued
31.	Mr. Mohammad Nawaz Khan	August 2019	Prof. M. N Karimi	Some Studies on Tree Like Branching Rectangular Microchannel	Continued
32.	Ms. Mariyam Aly	August 2019	Prof. Anil kumar Sharma	Direct Numerical Simulation of Vortex Induced Vibration on a cylinder	Continued
33.	Mr. Ankur Bhargava	August 2019	Prof. Mohd. Suhaib (Supervisor) and Prof. Ajay K. S. Singholi, (Co-Supervisor), Dept. of Mech. and Automation Engg., G.B. Pant Govt. Engg. College	Design and development of IoT based Hybrid Navigation System for Automated Guided Vehicles/Electrical Vehicles	Continued
34.	Mr. Mohammad Farish	August 2019	Prof. Mohd. Suhaib	Development, Characterization and Mechanical Behaviour of Aluminium	Continued

			Dr. Mumtaz Ahmed	based MMCs using Power Metallurgy Method	
35.	Ms. Sazia Khanam	August 2019	Dr. A.F.Sherwani	Experimental Investigations of Performance and Emission Characteristics of Diesel Engine Using Biodiesel Blends	Continued
36.	Mr. Amit Gautam	August 2019	Prof. Z. A. Khan Dr. Mohammad Asjad	Developing a Green Product Index/Rating for Manufactured Products	Continued
37.	Mr. Piyush Rawat	August 2019	Dr. A. F. Sherwani	Theoretical and Practical Comparison of SPV System	Continued
38.	Syed Farhan Javed	August 2021	Prof. M. Emram Khan Prof Anil K Sharma	Numerical analysis of mixing performance in 3-D shape passive micromixers for different geometries using CFD	Continued
39.	Mohd. Amanuddin	August 2021	Prof. M Suhaib	Design & Development of control system for MFRG	Continued
40.	Touseef Khan	August 2021	Prof. A.N. Siddiquee	Fabrication of HEA through fsp	Continued
41.	Furquan Alam	August 2021	Dr. Mohammad Asjad	Performance assessment of systems	Continued
42.	Minhaz Ahmad	August 2021	Dr. Mohd Javaid Prof Abid Haleem	Some studies on 3D printing	Continued
43.	Abdur Rahman Jami	August 2021	Prof. Abid Haleem	Embracement of circular economy towards sustainability	Continued
44.	Jitendra Yadav	August 2021	Prof. Arshad Noor Siddiquee Dr. Namarta Gangil, Ajay Kumar Garg Engineering college	Some studies on friction stir welding of pipe	Continued
45.	Shamsh Parveen	August 2021	Prof. M Suhaib	Studies on design & development of robotic gripper	Continued
46.	Farman Saifi	August 2021	Dr. Mohd. Javaid Prof Abid Haleem	3D Printing	Continued
47.	Suhail Ali Sabri	August 2021	Dr. Mohammad Asjad	Nano-finishing process using magnetorheological fluid	Continued
48.	Pavan Kumar Shukla	August 2021	Dr. Mohammad Asjad	Investigation on design and development of mechanized processing system	Continued

49.	Md Ozair Arshad	August 2021	Prof. Abid Haleem	Indoor environmental quality and occupant satisfaction in green buildings	Continued
50.	Mohammad Alam	August 2021	Prof. Abid Haleem Dr. Shahbaz Khan GLA, Mathura	Study on enablers and barriers of eco-innovation to Indian SMEs	Continued
51.	Satyam Dewivedi	August 2021	Prof. Abdur Rahim	Numerical simulation of heat transfer and flow characteristics inside a gas turbine combustor	Continued
52.	Md. Sharique Azmi	August 2021	Prof. Sabah Khan Prof. R C Singh, DTU	Performance evaluation of thin film journal bearing using nanoparticles additive lubricants	Continued

Foreign Candidates for Ph.D. (Mech.)

S. No	Name of the Candidate	Nationality	Topic	Proposed Supervisor
53	Mr. Ali Saleh Hussein Al-Qushaibi	Yemeni	Intelligent Condition Monitoring Industry 4.0 for smart factories	Prof. Sabah Khan Prof. Aas Mohd
54	Mr Wahj Mohammad Mari	Yemeni	Theoretical and experimental studies on thermal behaviour of integrated concentrated solar power employing combined cycle	Prof. A K Sharma