

PhD Pursuing Candidates

Sr. No.	Name of Candidate	Topic	Name of Supervisor(s)	Status
1	Amardeep Singh	Studies in characterization and performance of magnetic abrasives	Dr. Sehijpal Singh, Dr. Lakhvir Singh	on-going
2	Palwinder Singh	Experimental Investigation of Magnetic Abrasive Flow Machining (MAFM) using Mechanically Alloyed Magnetic Abrasives	Dr. Lakhvir Singh, Dr. Sehijpal Singh	on-going
3	Partap Singh	Fine Finishing of Round Surfaces with Magneto-hydrodynamic Forces	Dr. Sehijpal Singh Dr. Lakhvir Singh	on-going
4	Rakesh Mohan	Studies on cryogenic assisted burnishing process	Dr. Sehijpal Singh Dr. H.K Kansal	on-going
5	Bhaskar Goel	Single point diamond turning of hard to machine materials	Dr. Sehijpal Singh, S.V. Ram Gopal	on-going
6	Parminderjeet Singh	Plane finishing using magnetic abrasive finishing process	Dr. Sehijpal Singh, Dr. Lakhvir Singh	on-going
7	Amrinder Singh panna	Fiber reinforced plastics.	Dr. Sehijpal Singh, Dr. VikaS Dhawan	on-going
8	Jagdeep Singh	Performance Evaluation of Powder mixed electrical Discharge for Machining of Molds and Dies.	Dr. Sehijpal Singh Dr. Lakhvir Singh	on-going
9	Raman Kumar	Optimization of Energy Consumption, Surface finish and material removal rate in Turning Operations	Dr. Paramjit Singh Dr. Sehijpal Singh Bilga	on-going
10	Parminder Kaur Wadhwa	Object oriented modeling of aircraft safety program- Handling human factors under emergency conditions.	Dr. Paramjit Singh Bilga	on-going
11	Kanwaljit Singh	Experimental investigation into ultrasonic machining of polycarbonate and acrylic glass.	Dr. Jatinder Kapoor Dr. I.P.S. Ahuja	on-going
12	Harvinder Singh	Effect of wire electrodes on the machining performance of nickel based alloy by wire EDM.	Dr. Jatinder Kapoor	on-going
13	Ravish Arora	Joining of Inconel 600 super alloy through microwave hybrid heating and its characterization	Dr. Jatinder Kapoor	on-going
14	Sachin Jasuja	Cladding on stainless steel(AISI-420) through microwave hybrid heating using powder mixture having variable proportions of alloying elements (W,Cr,V,Co and Ni) and its characterization	Dr. Jatinder Kapoor	on-going
15	Ajay Singh Rana	A Study on Strategic Implementation of Green Supply Chain Management in Indian Manufacturing Industry	Dr. Harwinder Singh Dr. R S Bhatti	on-going
16	Kamaljeet Bhambri	Investigation on Combined Effect of Physiological and Psychological Parameters on Human Subjects	Dr. Harwinder Singh Dr. Tejeet Singh	on-going
17	Gagandeep Singh Kohli	Creep analysis of functionally graded thick cylinders	Dr. Tejeet Singh and Dr. Harwinder Singh	on-going
18	Raman Kumar	Effective Implementation of Reconfigurable Manufacturing System for Enhancing Performance Index of Manufacturing Industry	Dr. Harwinder Singh Dr. R S Bhatti	on-going
19	Rajendra Kumar	Fabrication and Characterization of Natural Fiber Hybrid Polymeric Composite	Dr. Tejeet Singh and Dr. Harwinder Singh	on-going

20	Abhishek Jain	Evaluation of Total Productive Maintenance Strategies in Small & Medium Enterprises of India for Strategic Success	Dr. R S Bhatti Dr. Harwinder Singh	on-going
21	Rajendra Kumar	Fabrication and Characterization of Natural Fiber Hybrid Polymeric Composite	Dr. Tejeet singh Dr. Harwinder singh	on-going
22	Dherminder Singh	Biodiesel analysis	Dr. Harmeet Singh	on-going
23	Kulwinder Singh	Study about friction stir welding	Dr. Harmeet Singh, Dr. Gurbhinder Singh	on-going
24	Pardeep Bains	Packed Bed Solar Energy Storage System	Dr. Harmeet Singh	on-going
25	Navjot Singh	To compare the wear characteristics of detonation gun sprayed cast aluminum samples	Dr. Harmeet Singh	on-going
26	Hitesh Vasudev	To compare the wear characteristics of detonation gun sprayed samples with HVOF sprayed samples	Dr. Harmeet Singh	on-going