

## 2023-24 PG Batch

S.No	Name	Regd no	Supervisor	Topic
1.	Abhishek Arya	2356105	Prof. Rajesh Kumar Dr Surrender Thakur-AP	Performance Analysis and defects identification of Francis Turbine.
2.	Amit Sharma	2356103	Prof. Shankar Singh Dr Vivek Kumar-ASP	Experimental investigation into wall formation using Wire Arc Additive Manufacturing (WAAM) of Inconel-718.
3.	Deepak Kumar	2356107	Prof. Indraj Singh Er. Ankita Omer- AP.	Investigating the effects of heat treatment on mechanical and metallurgical properties of WAAM manufactured SS 308L
4.	Jasdeep Singh	2356109	Dr. Anil Singla -ASP Dr. Anuj Bansal-AP	Impact of TiN and ZrN on Erosion Resistance of WC-10Co-4Cr Coated Components with and without Magneto Rheological Finishing (MRF)
5.	Maninderdeep Singh	2356108	Prof. Jagtar Singh Er. Jonny Singla-AP	A study on Abrasion behaviour of SS-308 based claddings on Mild Steel through WAAM0-CMT Process.
6.	Narinderpal Snehi	2356104	Prof. R.K. Saxena Er Lalit Ahuja -AP	Modelling and simulation of aluminium heat sink used in LED bulbs
7.	Rajesh Kumar	2356201	Prof. Kulwant Singh Dr. Harish Kumar Arya-ASP	To investigate the effect of process parameters on stainless steel weld characteristics in micro plasma welding.
8.	Rakshit Kumar	2356202	Prof. Manikant Paswan Prof. Amandeep Singh Shahi.	Investigation on Metallurgical and Mechanical Properties of Friction Stir Welded Al 6082-Al 7075 Dissimilar Joints
9.	Piyush Vashist	2356201	Prof. Pardeep Gupta. Dr. Sumit Kumar-AP.	To Study the effect of Bio-based Additives on Mechanical Properties of PETG for FDM Applications.
10.	Rupinder Singh	2356102	Prof. Amrik Singh Dr. Yogesh Verma -AP	Vibration Analysis of Flood Gates in Hydraulic Structures