

Joint Degree Programme IIT Mandi -PEC Chandigarh

Semester :ODD

Academic Year: 20226-2027

Project wise List of Provisionally Selected candidates

(IIT Mandi -Home Institute)

S.No.	Project Title	Name of Guide - Home Institution	Name of Guide - Host Institution	Application Number of provisional selected candidate
1	3D printed composites for vibration energy harvesting	Dr. Vishal Singh Chauhan	Dr. Gurpreet Singh	IITMANDI-JDP0000967
2	Optimization of Laser Surface Textures for Friction Reduction and Wear Resistance application	Prof Rajeev Kumar	Prof Ravinderjit Singh Walia	Yet to be declared
3	Nature inspired Laser Surface Texturing	Prof Rahul Vaish	Prof Ravinderjit Singh Walia	Yet to be declared
4	Materials for environmental applications	Dr Satvasheel Ramesh Powar	Dr Sandeep Kumar	IITMANDI-JDP0000848
5	Influence of e-waste derived reinforcements on the mechanical and abrasive wear behaviour of aluminum matrix composites.	Dr. Neha Shukla	Dr. Jimmy Karloopia	Yet to be declared
6	Fabrication and Tribological Performance of Functionally Graded Self-Lubricating metal Matrix Composites.	Dr. Sunny Zafar	Dr. Jimmy Karloopia	Yet to be declared
7	Development of High-Entropy Oxides Ceramics for High-Frequency Communication Applications	Prof. Rahul Vaish	Prof. Arun Kumar Singh	IITMANDI-JDP0001104
8	High-Performance Self-Powered Photodetectors Using Hybrid Perovskites	Dr. Ranbir Singh	Prof. Arun Kumar Singh	Yet to be declared
9	Adaptive Regenerative MIMO Antenna Systems for Simultaneous Wireless Communication and Energy Harvesting	Dr. Dipankar Deb	Dr. Gourab Das	IITMANDI-JDP0000989
10	3D Digital Documentation and Assessment of Selected Religious and Cultural Heritage Sites in North India	Dr. Dericks P Shukla	Dr. Har Amrit Singh Sandhu	None Found Suitable(NFS)
11	Powder Metallurgy–Based Development of Nano-Hydroxyapatite/Silicon Oxycarbide (nano-HA/SiOC) Bio-Ceramic Composites for High-Performance Orthopedic Implants	Dr. Deepak Deelip Patil	Dr. Kaustubh R. Kambale	IITMANDI-JDP0001002
12	Recovery of critical elements from the mobile phone display screen	Dr. Neha Shukla	Dr. Kiran Lata Bhaskar	Yet to be declared

XXXXXX