



**Joint Degree Program-2024**  
**Between IIT Mandi and PEC Chandigarh**  
**Semester: Odd** **AY: 2024-2025**

**Project wise List of Provisionally Selected Candidate(s)**

**(IIT Mandi -Home institute)**

<b>Project</b>	<b>Home Supervisor</b>	<b>Host Supervisor</b>	<b>Application Number of Provisionally selected candidates</b>
Effects of Pavement Stiffness on Traffic Speed Deflection Measurements	Dr. Surya Kant Sahdeo (IIT Mandi)	Dr. B. Adinarayana (PEC Chandigarh)	NFS
Development of 2D-TMD based devices for nanoelectronics applications	Dr. Robin Khosla (IIT Mandi)	Dr. Shilpi Chaudhary (PEC Chandigarh)	NFS
Ion Detector for Miniature Mass Spectrometry	Dr. Robin Khosla (IIT Mandi)	Dr. Deepak Kumar Sharma (PEC Chandigarh)	NFS
Role of Green Supply Chain Management Practices on Environmental Performance	Dr. Manoj Thakur (IIT Mandi)	Dr. R.S. Walia (PEC Chandigarh)	NFS
Investigation of Fabrication, testing and machinability of Magnesium based MMC for bio medical applications.	Dr. Mohammad Talha (IIT Mandi)	Dr Mohinder Pal Garg (PEC Chandigarh)	NFS
Machine Learning Assisted Phase-Field Modeling of Fracture Behaviour of Particulate Composites	Dr Raj Kiran (IIT Mandi)	Dr. J.D. Sharma (PEC Chandigarh)	NFS
Microstructures and Properties of High-Entropy Materials: Modeling, Simulation, and Experiments	Dr. Raj Kiran (IIT Mandi)	Dr. Gurpreet Singh (PEC Chandigarh)	Application No. 19060
Multi-catalytic and energy storage performance of 2D-materials and their derivatives	Dr. Viswanath Balakrishnan (IIT Mandi)	Dr. Gurpreet Singh (PEC Chandigarh)	NFS
Semiconductor Devices for Flexible Electronics	Dr. Rahul Vaish (IIT Mandi)	Dr. Arun Kumar Singh (PEC Chandigarh)	Application No. 19083
Exploration of electrical, thermal and magnetic properties of functional high-entropy materials	Dr. C.S. Yadav (IIT Mandi)	Dr. Gurpreet Singh (PEC Chandigarh)	Application No. 19029