



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)

| Project | Home Supervisor | Host Supervisor | Application Number of Provisionally selected candidates |
|--|---|---|--|
| 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) | Yet to be declared |
| 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 |