

SPOT PhD ADMISSIONS 2025-26

Department of Electrical Engineering, IIT Ropar

Specializations:

- Power Engineering
- Signal Processing and Communications
- Microelectronics and VLSI

Highlights:

- Institute fellowship as per norms
- Institute fellowships also include Joint PhD between IIT Ropar and IIT Mandi
- Up to ₹2L grant for conferences
- State-of-the-art lab facilities
- Experienced faculty members

Eligibility :

- 60% (55% for SC/ST) marks in M.Tech./M.E. in relevant discipline
- 60% (55% for SC/ST) marks in B.Tech or equivalent in relevant discipline and GATE qualified

Seats Available: UR: 6; OBC: 1; EWS: 2; SC/ST: No limit (Institute Fellowship)
UR: 5; OBC: 3; EWS: 1; SC: 2; ST: 1 (Project Fellowship)

Research Areas:

1. Advanced CMOS and Emerging Nano Devices
2. 2D Materials and Quantum Electronic Systems
3. Analog, Digital, and RF Integrated Circuit Design
4. Sensors, Packaging, and High-Frequency Measurements
5. Image, Video, and Quantum Signal Processing
6. AI/ML-Driven Wireless Communication Systems
7. Vehicular, UAV, and Intelligent Transport Technologies
8. Antennas, RF Systems, and Wireless Power Transfer
9. Smart Grids, Renewable Integration, and Power System Control
10. Electric Drives, Power Electronics, and EV Technologies



Apply Now: <https://www.iitrpr.ac.in/admissions>
Pl. contact office-ee-1@iitrpr.ac.in for any queries

Important Dates:

- Last Date to Apply: July 6, 2025
- Date of Interview: July 8, 2025 (Hybrid Mode)
- Result Declaration & Fee Payment: July 9, 2025