School of Computing and Electrical Engineering

Call for M. Tech (by Research) / Ph.D. /Dual Degree Program (Jul-Dec, 2025)

IIT Mandi invites applications from bright and dedicated young scholars interested in joining the full-time or part-time M. Tech (by Research)/Ph.D./Dual Degree program in the **School of Computing and Electrical Engineering (SCEE)**. For this purpose, SCEE seeks applications for the Master of Technology (M. Tech) By Research, Doctor of Philosophy (Ph.D.) and Dual Degree (M.Tech + Ph.D.) programs in the following areas of computer science and electrical engineering:

Individual Specializations under SCEE	Specific Areas (but not limited to)
Systems Engineering and Theoretical CS	- Design of algorithms - Modern computer architecture - Applied Robotics - Quantum Computing - Computational Complexity Theory
Intelligent Systems	- Artificial Intelligence, Machine Learning - Cognitive Science, Human-Computer Interaction - Computer Vision, Biomedical Imaging - Quantum Machine Learning
Control and Automation	- Mathematical control theory - Precision agriculture - Cyber-physical systems and IoT - Intelligent Control System
Microelectronics and VLSI	- VLSI Design - Device and VLSI technology - Biomedical Embedded Systems - RF and Microwaves communications & component design
Power Engineering	- Electrical Machines and Drives - Power Electronics - Power Systems
Intelligent Communication Systems	- Communication Networks, Wireless Communication, Information theory, Quantum Communication and Encryption - Photonics

	● Machine learning for signal/image processing & communications

Link to the online application:

https://iitmandiadm.samarth.edu.in/aug24/index.php/

It is kindly advised to get in touch with faculty members directly for further information regarding the different research areas and positions available with them listed at:

https://scee.iitmandi.ac.in/research_home.php

General Information

Information on eligibility, minimum qualifications, and scholarship rules are briefly provided in the following pages of this document. The same can be found at the following links

M. Tech (by research) /PhD Ordinance and Regulations (O&R) IIT Mandi:

https://www.iitmandi.ac.in/pdf/ordinances/Ordinances_phd_mtech.pdf

M. Tech (by research)/PhD scholarship Rules:

https://iitmandi.ac.in/pdf/admissions/Information%20Brochure.pdf

For PhD applicants *(Full-Time Research Scholars)***:**

Students under this category are entitled to the Scholarship/ Assistantship from Institute / MoE if they qualify for any one of the following criteria.

- Master's degree in Engineering/ Technology with a good academic record
- Master's degree in Sciences with valid GATE score
- Bachelor's degree holder in Engineering/ Technology from any CFTIs with a minimum CGPA of 7.5 for General/7.0 for OBC (NCL)/6.5 for SC/ST on a 10.0-point scale.
- Bachelor's degree holder in Engineering/ Technology from any Non CFTIs with at least CGPA of 7.5 for General/7.0 for OBC (NCL)/6.5 for SC/ST on a 10.0-point scale with valid GATE score.

For Masters applicants (*Full-Time Research Scholars)***:**

Students under this category are entitled for the Scholarship/ Assistantship from Institute / MoE if they qualify any one of the following criteria.

- Candidates with a Bachelor's Degree in Engineering/Technology or Master's Degree in appropriate Sciences. A valid GATE score is required for admission to the M. Tech (by research) program, and for availing HTRA scholarship.

- Candidate with B.Tech/BE degree from Centrally Funded Technical Institutes (CFTIs), with a minimum CGPA of 7.5 for General/7.0 for OBC (NCL)/6.5 for SC/ST on a 10.0 point scale (or equivalent). (National Level examinations are waived off for HTRA Scholarship)

Exemptions from mandatory requirements of Valid GATE or National Level examination:

- B.Tech/B.E./B.S. (or equivalent) degree from CFTI (Centrally Funded Technical Institute)/ any of the top 100 institutes according to NIRF ranking (overall category) at the time of application, with CGPA/CPI at least 7.5 (on a scale of 10) or equivalent
- BS-MS/M.Sc/equivalent from IITs, IISERs, IISc, IIMs or any of the top 100 institutes according to NIRF ranking (overall category) at the time of application with a CGPA/CPI of at least 7.5 (on a scale of 10) or equivalent.
- NIRF Ranking (within top 100) should be in the overall category granted for the year during which admission is sought.
- Any Himachal Pradesh Govt. Institutions/Universities, with CGPA/CPI at least 7.5 for General/7.0 for OBC (NCL)/6.5 for SC/ST on a scale of 10.

For Dual Degree (M.Tech (R) + Ph.D. applicants *(Full-Time Research Scholars)***:**

Students under this category are entitled to the Scholarship/ Assistantship from Institute / MoE if they qualify for any one of the following criteria.

- The candidate must possess BE/B.Tech or M.Sc. or equivalent Degree with a valid GATE Score
- GATE Score is waived off for candidates having B.Tech/BE degree from CFTI with CGPA >=8 for General/7.5 for OBC (NCL)/7.0 for SC/ST.

*For complete details (modifications, addendums, etc.) regarding the eligibility criteria, kindly contact SCEE office at 0195-267071 or write us at "scee-admissions@iitmandi.ac.in".

Note: Industrial or Academic Institute Sponsored or Part-time M. Tech (by research)/PhD candidates are not eligible for MHRD/HTRA scholarships. **The eligibility for the project will be same as for HTRA however based on the experience, National level exam will be relaxed as per institute norms.**

Employed candidates seeking admission to **M. Tech (by research)/PhD** must submit a "**No Objection Certificate"** from their current employer at the time of interview.

For any other queries regarding M. Tech (by research)/Ph.D./Dual Degree programs in SCEE, please contact the SCEE office through email: scee-admissions@iitmandi.ac.in. We look forward to reviewing your application.

For technical problems regarding filling of online applications, please contact it_helpdesk@iitmandi.ac.in

Application Fee for M. Tech (by research)/Ph.D. Admission:

Category	Amount in ₹
General/EWS/OBC/OBC (NCL)/Transgender/Foreign Nationals	200
Women/SC/ST/PD	100

Mode of Payment: Online within application form.

Important dates:

Start of online application: 18 March 2025

Deadline for online application: 21 April 2025 **(till 11:55 AM)**

Announcement of shortlisted candidates: 25 April 2025

Interview (tentatively): 10 May-11 May 2025

Note: IIT Mandi reserves the right to recruit/ not recruit for any of the advertised areas and apply appropriate criteria for shortlisting candidates.