

## School of Computing and Electrical Engineering

### Call for M. Tech (by Research) / Ph.D. /Dual Degree Program (Jul-Dec, 2026)

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)
Theoretical Computer Science & Systems Eng.	<ul style="list-style-type: none"><li>• Wireless Networking, Edge computing, and IoT</li><li>• Classical and Post-quantum Network Security</li><li>• Classical and Quantum Algorithms</li><li>• Geometric Computing</li><li>• Computational Complexity Theory</li></ul>
Intelligent Systems	<ul style="list-style-type: none"><li>• Artificial Intelligence and Classical and Quantum Machine Learning</li><li>• Cognitive Science and HCI</li><li>• Computer Vision and Biomedical Imaging</li><li>• NLP and LLMs</li></ul>
Control and Automation	<ul style="list-style-type: none"><li>• Mathematical control theory and Intelligent Control System</li><li>• Precision agriculture</li><li>• Cyber-physical systems and IoT</li><li>• Large-scale systems control and estimation</li></ul>
Microelectronics and VLSI	<ul style="list-style-type: none"><li>• Analog, Mixed Signal, and RF VLSI Design</li><li>• Semiconductor Devices and VLSI Technology</li><li>• Biomedical Embedded Systems</li><li>• VLSI Architectures for AI Accelerators and Cryptography</li><li>• Quantum Nano electronic devices &amp; Neuromorphic computing</li><li>• RF/Microwave and antenna design</li></ul>
Power Engineering	<ul style="list-style-type: none"><li>• Electrical Machines and Drives</li><li>• Power Electronics</li><li>• Power Systems</li></ul>

Intelligent Communication Systems(ICS)	<ul style="list-style-type: none"><li>• 5G/6G Wireless Technologies &amp; Networks, ISAC, (cell-free) mMIMO, Optical access networks, IoT, Information Theory etc.</li><li>• Quantum Communication, QKD and Encryption Algorithms.</li><li>• Photonics: Fiber Lasers, Optical Fiber Sensors, &amp; Optomechatronics, etc.</li><li>• Machine/Deep learning for Signal/ Image Processing, Communication and Networks.</li></ul>
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**Link to the online application:**

<https://iitmandiadm.samarth.edu.in/admission/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](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](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>

Project Funding Rules: As per project or project investigator.

**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 / NET including lectureship (Assistant Professorship) or any other equivalent National level examination or Minimum of TWO years of professional experience (acquired after obtaining the qualifying degree and completed before the starting of the semester in which admission is sought)
- 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.

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**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.
- B.Tech/B.E./B.S. (or equivalent) degree from institute having NIRF Ranking (within top 100) should be in the overall category granted for the year during which admission is sought.
- B.Tech/B.E./B.S. (or equivalent) degree from 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  $\geq 8$  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](mailto: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](mailto: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](mailto: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:	23 March 2026
Deadline for online application:	17 April 2026 (till 5:00 PM) Extended till 18.04.2026 (till 9:00 PM)
Announcement of shortlisted candidates:	21 April 2026
Interview (tentatively):	30 April-1 May 2026

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