



**Call for M.S./Ph.D. Program (February Semester 2022)**

**School of Computing and Electrical Engineering**

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

<b>Discipline</b>	<b>Broad Research Area</b>	<b>Specific Areas (but not limited to)</b>
Computer Science and Engineering	Intelligent Systems	<ul style="list-style-type: none"><li>• Human-Computer Interaction</li><li>• Machine Learning</li><li>• Machine learning for Speech Technology</li><li>• Machine learning for signal processing</li></ul>
	Systems Engineering	<ul style="list-style-type: none"><li>• Applied Robotics</li><li>• Geometric Computing</li></ul>
	Theoretical Computer Science	<ul style="list-style-type: none"><li>• Algorithms for Data Science and its applications</li><li>• Algorithms and Data Structures</li><li>• Distributed Systems</li></ul>
Electrical Engineering	Control Systems	<ul style="list-style-type: none"><li>• Mathematical control theory</li><li>• Machine learning control</li><li>• Applied Robotics</li></ul>
	Microelectronics and VLSI	<ul style="list-style-type: none"><li>• Mixed-signal VLSI Design</li><li>• Electronic Device Fabrication &amp; Simulations</li><li>• Analog RF engineering</li><li>• Biomedical Embedded Systems</li><li>• Digital VLSI Architecture Design for Communication</li></ul>
	Power Engineering	<ul style="list-style-type: none"><li>• Electrical Machines and Drives</li><li>• Power Electronics</li></ul>
	Communications and Signal Processing	<ul style="list-style-type: none"><li>• Photonics</li><li>• Wireless technologies for IoT</li><li>• Communication networks</li><li>• Wireless Communication</li><li>• Information Theory</li></ul>

**Link to the online application<sup>1,2</sup>:** <http://oas.iitmandi.ac.in/External/Admission/Login.aspx>

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 on

[http://iitmandi.ac.in/Schools/SCEE/research\\_areas.php](http://iitmandi.ac.in/Schools/SCEE/research_areas.php)

<sup>1</sup>Upload self-attested documents as a single zip file (Proof of identity (Aadhar card/voter card/PAN card/any other), Class 10 certificate as proof of date of birth, Mark sheets of UG and PG degrees (rank certificate, if any), Qualifying certificate of the GATE/CSIR/UGC/other examination, Caste Certificate.)

<sup>2</sup>To apply for other specific areas not listed above, kindly fill "Others" in the specific area section after selecting the Broad Research Area on the OAS portal.



## 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

MS /PhD Ordinance and Regulations (O&R) IIT Mandi:

[http://www.iitmandi.ac.in/academics/files/MS\\_PhD\\_Ordinance\\_and\\_Regulations.pdf](http://www.iitmandi.ac.in/academics/files/MS_PhD_Ordinance_and_Regulations.pdf)

MS/PhD scholarship Rules:

<https://www.iitmandi.ac.in/academics/scholarship.php>

**For PhD applicants:** To be eligible for an HTRA scholarship, the candidate must have qualified in national level exams like GATE, CSIR-NET or equivalent at some point in their career. A valid score is, however, mandatory for admissions as listed under regulation R2.1.1 (b) and (c) of PhD O&R (see the above link).

**For MS applicants:** A valid GATE score is required for admission to the MS program, and for availing HTRA scholarship.

Note: Industrial or Academic Institute Sponsored or Part-time MS/PhD candidates are not eligible for MHRD/HTRA scholarships.

Employed candidates seeking admission to MS/PhD must submit a “**No Objection Certificate**” from their current employer at the time of interview.

For any problems regarding filling-up of online applications, please contact [oassupport@iitmandi.ac.in](mailto:oassupport@iitmandi.ac.in)

For any other queries regarding M.S./Ph.D. 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.

## Application Fee for MS/Ph.D. Admission:

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

**Mode of Payment<sup>3</sup>: SBI Collect Portal.**

<sup>3</sup>Applicant should submit fee on SBI collect portal of the IIT Mandi; and submit generated transaction number to the OAS admission application portal. One application fee is valid for the single application. The application fee is non-refundable.

**Indian Institute of Technology Mandi**  
**Mandi-175005, Himachal Pradesh, India**



**भारतीय प्रौद्योगिकी संस्थान मण्डी**  
**मण्डी-175005, हिमाचल प्रदेश, भारत**

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**Important dates:**

Start of online application:	15 October 2021
Deadline for online application:	3 November 2021
Announcement of shortlisted candidates:	17 November 2021 (tentatively)
Interview:	25-26 November 2021

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