
Call for M.S./Ph.D. Programme (Even Semester 2017-18)

School of Computing and Electrical Engineering

Indian Institute of Technology Mandi

IIT Mandi seeks 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 (Ph.D.) programs in the following areas:

- 1. Signal Processing and Communication** (Computer vision, Image processing and pattern recognition, Speech and audio processing, Wireless communication and networks, Algorithms for communication networks, RF and Microwaves)
- 2. Power Engineering** (Power electronics and Power systems)
- 3. Control Systems** (Control of power networks/microgrids, Mathematical control theory, Fault diagnosis)
- 4. VLSI, Semiconductor Devices and Embedded Systems** (VLSI design for communications, Nanoscale device design, simulation and technology; Embedded Systems; IOT systems, Biomedical Systems)
- 5. Computer Science** (Big data technologies, Machine learning for speech and audio, Distributed systems, scheduling and algorithms; Databases, streaming analytics)

Please indicate on the application form whether you want to apply for the M.S. program or the Ph.D. program or both. Also indicate the area(s) of your interest, where required.

How to Apply

Interested candidates are encouraged to fill the online application form available in the following link: <http://oas.iitmandi.ac.in/admission>

The last date of filling the online application is Nov. 15th 2017.

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 IIT Mandi:

http://www.iitmandi.ac.in/academics/files/MS_PhD_Ordinance_and_Regulations.pdf

MS/PhD scholarship Rules:

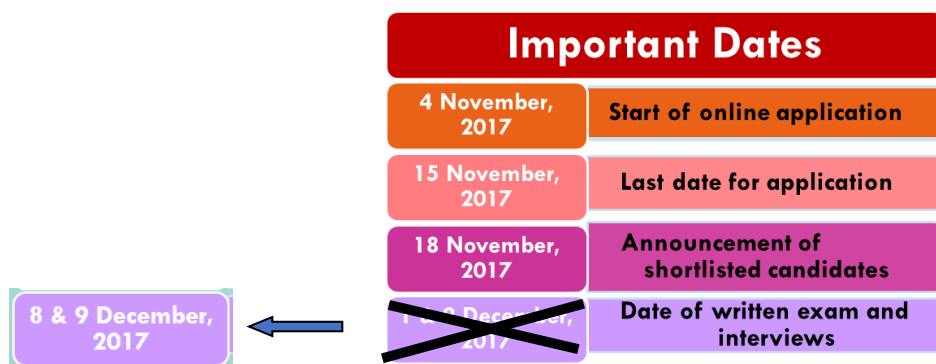
<https://www.iitmandi.ac.in/academics/scholarship.php>

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

For any problems regarding filling-up of online applications, please contact **Mr. Om Shankar Dwivedi** (omshankar@iitmandi.ac.in). For any other queries regarding M.S./Ph.D. program in SCEE, please contact the SCEE office through email: sceoffice@iitmandi.ac.in. We look forward to reviewing your application.

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

You may contact faculty members directly for further information regarding the different research areas. Their current research interests and contact information can be found on their web pages.



Note: The School of Computing and EE reserves the right to recruit/ not recruit for any of the advertised areas.

MS/PhD Eligibility & minimum Qualifications

Master of Science (M.S. by research) in Engineering:

Candidates with a Bachelor's degree in Engineering / Technology or Masters degree in appropriate Sciences (M.Sc) with valid score in GATE/NET or equivalent national level examination in appropriate discipline or GRE score (only for NRI/Foreign Candidates).

or

Candidates having Associate Membership of the following professional bodies are also eligible for admission to the M.S. by research program of their parent discipline provided they have a valid GATE score and have passed both part A and part B of the Membership examinations with a good academic record. **The Institution of Engineers (India), (Civil, Mechanical, Electrical and Electronics, Electronics and communications), The Aeronautical society of India, The Indian Institute of Metals, The Indian Institute of Chemical Engineers, The Institute of Electronics and Telecommunication Engineering and other professional bodies approved by the Senate from time to time.**

Ph.D. in Engineering

Candidates with a Master's degree in Engineering/Technology with a good academic record or a Master's degree by Research in Engineering/ Technology disciplines, with a good academic record.

or

Candidates with Master's degree in Sciences with a good academic record and of exceptional merit with a valid GATE score or UGC/CSIR-JRF/ NBHM or equivalent qualification in the relevant area tenable for the year of registration. In the case of candidates with more than 5 years of relevant experience after the Master's degree, the requirement of a test score may be waived by the Selection Committee.

or

Candidates who have qualified for the award of Bachelor's degree in Engineering/Technology with exceptionally good academic record in an eligible discipline will be considered for direct admission to Ph.D. Program as a regular full time scholar subject to the following conditions:

(I) B.Tech degree from one of the IITs, with a minimum CGPA of 8.0 on a 10.0 point scale.

(II) Bachelor's degree in Engineering/ Technology from any other University should be among the top 5% or 20 rank holders, declared by the University and having a valid GATE score.

(III) Bachelor's degree holder in Engineering/ Technology, serving for two years or more in a reputed R & D organization or Industry with a proven research record.

For more details visit the following link:

http://www.iitmandi.ac.in/academics/ms_phd_admissions.php