Date: 05.04.2025

Advertisement for Ph.D. (Regular Full Time / Part Time Mode) & M.Tech (Research) (Regular Full Time) Admission in School of Mathematical and Statistical Sciences, IIT Mandi (JUL-DEC 2025)

School of Mathematical & Statistical Sciences of IIT Mandi invites application for the admission to Doctor of Philosophy (Ph.D.) and M.Tech (Research) programme in a variety of disciplines and interdisciplinary areas under Regular Full-Time mode/ Part time mode.

🚀 Exciting Ph.D. & M.Tech Research (R) Opportunities Await! 🌟

We're offering Ph.D. and M.Tech (R) positions in cutting-edge fields that will shape the future of science, technology, and the environment. Explore our dynamic research areas:

📊 Statistics, Optimization, and Data Analysis

- Deep Learning for Solving ODE/PDE

- Ecological Problem Modeling with Machine Learning

- Time Series Forecasting

- Machine Learning in Environmental Science

- Image Processing

- Statistical & Extreme Value Modeling

- Climate Change Modeling

- Climate Forecasting Models

- Ecological Machine Learning Models

- Statistical Analysis for Climate Science

- Numerical Optimization Techniques

- Data Analysis & Time Series Prediction

- Extreme Value Analysis

- Statistical Modeling of Spatio-Temporal Data

- Mathematical Modeling for Environmental Solutions

📚 Differential Equations

- Applications of Differential Equations

- Microfluidics & Biofluidics Modeling

- Numerical study of Biofluidics

- Time-Delay & Impulsive Systems

- Sediment Transport Modeling

- Mathematical Image Processing

🖥️ Theoretical Computer Science

- Algorithms & Data Structures

- Graph Theory

Minimum Eligibility Criteria for Admission to Ph.D. & M.Tech (Research) Programs

General Eligibility Requirements:

1. Bachelor's degree in Engineering/Technology or equivalent with a valid GATE score **# OR**

2. Master's or equivalent degree in Science/Arts/Commerce/Management (or allied subjects) with a valid GATE score **# OR**

3. Master's or equivalent degree in Engineering/Technology.

 # Exemptions from mandatory requirements of Valid GATE score:

1. 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/ any Himachal Pradesh Govt. institution or universities with CGPA/CPI of at least 7.5 (on a scale of 10) or equivalent.

2. BS-MS/M.Sc/MA/MBA/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.

3. NIRF Ranking (within top 100) should be in the overall category granted for the year during which admission is sought.

A. General eligibility criteria for Ph.D. Admission in all Schools/Centres:

Qualifying Degree:

1. Master's or equivalent degree in Engineering/Technology OR

2. Bachelor's degree in Engineering/Technology or equivalent* OR
3. Master's or equivalent degree in Science/Arts/Commerce/Management (or allied subjects) *

*For qualifying degree listed under (2) & (3) candidates must also fulfil ONE of the following additional requirements:

1. Qualified GATE / NET including lectureship (Assistant Professorship) or any other equivalent National level examination.

2. Selected through a National level examination conducted by MoE or its agencies /Institutions such as UGC/ IIT/ IISc. / IISER/ IIIT etc.

3. 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)

*Exemptions from mandatory requirements of valid GATE or National Level examination:

1. 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/ any Himachal Pradesh Govt. institution or universities with CGPA/CPI of at least 7.5 (on a scale of 10) or equivalent

2. BS-MS/M.Sc/MA/MBA/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.

3. NIRF Ranking (within top 100) should be in the overall category granted for the year during which admission is sought.

Important Note:
The eligibility criteria listed above are the minimum requirements for admission. The institute reserves the right to impose additional eligibility criteria based on the number of applications received.

For full details of the minimum eligibility criteria, please visit the following link:
 Link to Eligibility Criteria

Financial Support for M.Tech. (Research) & Ph.D. Students:

Students enrolled in the M.Tech. (Research) or Ph.D. programs may be eligible for the HTRA Fellowship, depending on the availability of funds and recommendations from the selection committee.

1. **For more details about Ph.D./ Part Time Ph.D. Programme at IIT Mandi, please visit:**
 https://www.iitmandi.ac.in/pdf/ordinances//Ordinances_Ph.D.pdf

2. **For more details about M.Tech (Research) Programme at IIT Mandi, please visit:**
 https://iitmandi.ac.in/pdf/ordinances/Ordinances_MTech(R).pdf

3. **Qualification for Admission to get the HTRA fellowship:-**
 https://insite.iitmandi.ac.in/circulars/show.php?ID=IITMandi/Acad/Senate/2023/2196-2201

4. **In addition, the reservation criteria, as per GoI norms:-**
   https://insite.iitmandi.ac.in/circulars/show.php?ID=IITMandi/SM-44/2024/456-462

How to Apply:-

Interested candidates are encouraged to fill the online application form available in the following link:

SAMARTH PORTAL: - https://iitmandiadm.samarth.edu.in/aug24/index.php/

Mode of Interview: The interview will be in offline mode only.

- Reservation policies as per prevailing GOI rules will be followed.
- IIT Mandi reserves the right to admit / not admit for any of the advertised areas and apply appropriate criteria for shortlisting.
- The decision of the competent authority in all matters relating to the eligibility of the candidate, written test/Interview and admission would be final and binding on all the candidates. In case of any dispute/ ambiguity that may occur in the process of admission, the decision of the Institute shall be final.
- All the details furnished in the online application will be treated as final and no changes shall be entertained. Non-submission of valid/required documents and/or incomplete applications shall be summarily rejected.

Application Fee is not refundable:-

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

Mode of Payment: Online only.

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

For any other queries regarding Ph.D. program in SMSS, please contact SMSS Office via the following email smssoffice@iitmandi.ac.in.

Employed candidates seeking admission to Ph.D. must have to submit a **"No Objection Certificate"** from their current employer at the time of interview.

Note: Industrial or Academic Institute Sponsored or Part-time M. Tech (Research)/ Ph.D. candidates are not eligible for MHRD/HTRA scholarships.

Important Dates:

Start of online application:	Saturday, 5th April, 2025, 9:00 AM (IST)
Deadline for online application	Wednesday, 30th April, 2025, 05:00 PM (IST)
Announcement of shortlisted candidates list	Friday, 9th May, 2025 (tentative)
Tentative Interview	Thursday 29th, Friday 30th and Saturday 31st May, 2025

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