27.03.2024

Advertisement for M.Tech (Research) Admission (Regular Full Time/Part Time mode) in School of Mathematical and Statistical Sciences, IIT Mandi (Odd Semester AY 2024-25)

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

Minimum Eligibility for Admission in M.Tech (Research) Programme:

S. No	Individual Specialization under SMSS	Specific Area
1	Data Analytics	• Data Analytics • Business Analytics
2	Interdisciplinary areas such as Differential Equations/ Deep Learning/Control Problems/ Scientific Computing/ Deep learning/AI/ML based numerical methods	• Interdisciplinary areas • Differential Equations with Deep Learning/Machine learning approach • Neural Differential Equations • Deep learning/Al/ML based numerical methods and their applications to Image processing/Heat and Mass transfer.
3	Optimization	• Numerical Optimization • Heuristic Optimization • Convex Optimization • Fuzzy Optimization
4	Computational Finance	• Computational Finance • Portfolio Optimization • Algorithmic Trading • High Frequency Trading
5	Machine Learning/ Artificial Intelligence	• Support Vector Machine • Neural Networks • Deep Learning • Computer Vision • Explainable AI • Large Language Models • Generative AI and Application

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

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

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/2024/index.php/

Eligibility/Qualification: (For Full Time)

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

● M.Sc./B.Tech. in Mathematics and Computing/ Applied Mathematics/ Statistics/ Scientific Computing/Data Science/Computer Science/or equivalent + valid GATE score in related discipline.

● B.Tech/BE/B.S (or equivalent) degree from Centrally Funded Technical Institutes (CFTIs), with a minimum CGPA of 7.5 on a 10.0 point scale (or equivalent). (National Level examinations are waived off for HTRA Scholarship)

● 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/ BE/ BS for any Himachal Pradesh Govt. Institutions/Universities, with CGPA/CPI at least 7.5 (on a scale of 10) or equivalent.

Note:-

- **Gate Score Exemption:** The Gate score is exempted for the candidates if they satisfying the following conditions:

- Candidate with B. Tech/ BE degree from Centrally Funded Technical Institutes (CFTIs), with a minimum CGPA of 7.5 on a 10.0 point scale. (National Level examinations are waived off for HTRA Scholarship)/ any Himachal Pradesh Govt. Institutions/Universities, with CGPA/CPI at least 7.5 (on a scale of 10) or equivalent/ 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

   Or

- The candidate applying for M. Tech (Research) program under self- sponsored seat category without fellowship.

Eligibility/Qualification: (For Part Time)

- Institute Staff Members/ Research Scholars under External Registration/ Research   Scholars working on Part Time Basis.
- Individuals employed in R&D environments in Scientific Institutions (including IIT Mandi) or industries and
- Faculty members of all Engineering Colleges/Universities recognized by appropriate government agencies.

   The required qualification remains the same as for the regular candidates. Further the candidate should have at least two years of work experience.

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:

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

Mode of Payment: SBI Collect Portal.

Applicant should submit fee on SBI collect portal of the IIT Mandi: and submit generated transaction number to the SAMARTH admission application portal. One application fee is valid for the single application. The application fee is non- refundable. Applicant can choose the following steps on SBI Collect Portal to submit the application fee:-

State of Corporate / Institute*: Himachal Pradesh

Type of Corporate / Institute*: Educational Institutes

Educational Institutes Name*: IIT

Select Payment Category*: Application (Admission Fee)

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

For any other queries regarding M.Tech (Research) program in SMSS, please contact SMSS Office via following email smssoffice@iitmandi.ac.in

Employed candidate seeking admission to M. Tech (Research) 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) candidates are not eligible for MHRD/HTRA scholarships.

Important Dates:

Start of online application:	27th March, 2024.
Deadline for online application	27th April, 2024, 11:59 PM (IST)

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