

Date: -28-03-2025

Call for Admissions in M.Tech. (Research), M.Tech.(R)+Ph.D. (Dual Degree) and Ph.D. Programs in School of Civil and Environmental Engineering, IIT Mandi for ODD Semester 2025-26.

School of Civil and Environmental Engineering (SCENE) of IIT Mandi is inviting applications for the first round of admission process in the M.Tech. (Research), M.Tech.(Research) + Ph.D. (Dual Degree) and Ph.D. (Doctor of Philosophy) programme in a variety of disciplines and interdisciplinary areas under Regular Full-Time, sponsored Project, Self-sponsored /Part-Time mode for the ODD semester commencing from August, 2025 at IIT Mandi.

Ph.D. Admissions

Applicants for admission to the Ph.D. program shall be classified as per the mode of application and application category under any one of the following categories which will be decided and recommended by the admission committee. Applicants must mention their category of application in the online application form.

- Regular Full Time Ph.D. with fellowship.
- Part-Time Ph.D. without fellowship (Self-sponsored).
- Regular Full Time Ph.D. (fellowship from the sponsored Project).

Available Programs and Specializations for Full and Part-time Ph.D. Admissions.

Sl. No	Specialization/ Broad Research Area	Qualifying degree	Remarks/ Instruction
1.	Geotechnical Engineering	B.Tech./B.E. in Civil/Construction/Mechanical Engineering/Environmental/ Agriculture Engineering or related areas And/OR M.Tech./M.E./M.S. in Geotechnical / Structural/ Earthquake Engineering/ Environmental/ Transportation Engineering/ Solid or Thermo-fluid (Mechanical) Engineering/ granular mechanics/applied mechanics or related areas.	Select Geotechnical Engineering under specialization

2.	Structural/ Earthquake Engineering	B. Tech./B.E. in Civil Engineering/ Construction/Mechanical/Applied Mechanics or related areas And/OR M.Tech. in Structural/Earthquake Engineering/Applied Mechanics/ Structural Dynamics/Solid Mechanics or related areas	Select Structural/ Earthquake Engineering under specialization
3.	Water Resource Engineering	B.Tech. in Civil/Agriculture/Environmental Engineering or related areas And/OR M.Tech. in Water Resources/Hydrology/ Hydraulics/Hydrogeology/River Engineering/Irrigation/ Hydro informatics/Earth Sciences/Geomatics/Remote Sensing and GIS or related areas.	Select Water Resource Engineering under specialization
4.	Environmental Engineering	M.Sc. in Earth Science/Environmental Science/Atmospheric Science or related areas OR M.Tech. in Environmental Engineering/related areas.	Select Environmental Engineering under specialization
5.	Remote Sensing and Geo Informatics Systems	4 years UG in Civil/ Earth Science/ Environmental Science or related areas And/OR Masters in Remote Sensing & GIS / Geoinformatics/ Geology/ Computer Science/ related subjects equivalent on the discretion of committee.	Select RS & GIS under specialization
6.	Applied Mechanics	B. Tech./B.E. in Civil Engineering/ Construction/Mechanical/Applied Mechanics/ Material, polymer and textile, Aerospace Engineering or related areas And/OR M.Tech. in Mechanical Design, Thermo fluids, Manufacturing, Aerospace structure, Textile and polymer Engineering or related areas	Select Applied Mechanics under specialization

Regular Full Time Ph.D. (Fellowship from the sponsored Project).

Sl. No	Specialization/ Broad Research Area	Qualifying degree	Project Title & Funding	Principle Investigator	Remarks/ Instruction
1.	Structural/Earthquake Engineering	B. Tech. in Civil Engineering or related areas And/OR M.Tech. in Structural Engineering or computer science related areas	Physics-informed Neural Network (PINN)-based component wise condition assessment approach for floating offshore wind turbines(FOWT) using non-intrusive sensor measurements. Project No: IITM/SERB/SUS/468	Dr. Subhamoy Sen	Please select the specialization preference for streams Structural/Earthquake Engineering as first preference. Failing which the application will not be considered further..
2.	Geotechnical Engineering	1) B.Tech. in Civil Engineering with a valid GATE score. 2) M.Tech. in Structural Engineering/Geotechnical Engineering. 3) Desirable Criteria- Knowledge of Abaqus, masonry structures, Dynamics	Cost-Effective Safety Solution for Low-rise masonry dwelling subjected to rock fall impact induced by landslides: Laboratory Testing, field demonstration and development of guidelines for hilly regions. Project No. IITM/NMS-MoEF/ASK/502	Dr. Ashutosh Kumar	Please select the specialization preference for streams Geotechnical Engineering as first preference. Failing which the application will not be considered further..

Minimum Eligibility Criterion for Appearing in Admission Process.

Qualifying Degree (as mentioned above):

1. Master's or equivalent degree in Engineering/Technology **And/OR**
2. Bachelor's degree in Engineering/Technology or equivalent*

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

1. Qualified GATE / NET or any other equivalent National level examination.
2. Selected through a National level examination conducted by MoE or its agencies /Institutions such as UGC/ IITs/ IISc./IISERs/ IITs etc.
3. Minimum of two years of relevant 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 (on a scale of 10) or equivalent as per the Institute guidelines below.
 - a) UR : 7.5 CGPA
 - b) OBC (NCL): 7.00 CGPA
 - c) SC/ST/PwD: 6.5 CGPA
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 (on a scale of 10) or equivalent as per the Institute guidelines below.
 - a) UR : 7.5 CGPA
 - b) OBC (NCL): 7.00 CGPA
 - c) SC/ST/PwD: 6.5 CGPA

M.Tech. (Research) Admissions

Applicants for admission to the M.Tech.(Research) program shall be classified as per the mode of application and application category under any one of the following categories which will be decided and recommended by the admission committee. Applicants must mention their application category in the online application form.

- Regular Full Time M.Tech. (Research) with fellowship.
- Part-Time M.Tech.(Research) without fellowship (Self-sponsored).
- Regular Full Time M. Tech (Research) (fellowship from the sponsored Project).

Available Programs and Specializations for Full and Part-time M.Tech (Research) Admissions.

Sl. No	Specialization/ Broad Research Area	Qualifying degree	Remarks/ Instruction
1.	Geotechnical Engineering	B.Tech./B.E. in Civil/Construction/Mechanical Engineering/Environmental/ Agriculture Engineering or related areas	Select Geotechnical Engineering under specialization
2.	Structural/ Earthquake Engineering	B. Tech./B.E. in Civil Engineering/Construction/ Mechanical Engineering/Applied Mechanics or related areas	Select Structural/Earthquake Engineering under specialization
3.	Water Resource Engineering	B.Tech. /B.E. in Civil/ Agriculture/Environmental Engineering/Biotech/Computer Science or related areas	Select Water Resource Engineering under specialization
4.	Environmental Engineering	B.Tech. /B.E. in Environmental Engineering/Bio-Technology/Computer Science or related areas	Select Environmental Engineering under specialization
5.	Applied Mechanics	B.Tech. in Material, polymer and textile, Aerospace Engineering or related areas	Select applied mechanics under specialization

Regular Full Time M.Tech (Research) (fellowship from the sponsored Project).

Sl. No	Specialization/ Broad Research Area	Qualifying criteria	Project Title & Funding	Principle Investigator	Remarks/ Instruction
1.	Structural /Earthquake Engineering	a) B.E/B.Tech. in Civil Engineering with CGPA \geq 8 on a 10-point scale. b) Must have qualified GATE at least once in academic career	Study of meso-climatic influences on the hygrothermal state of concrete exposed to natural environment and their modelling for pragmatic durability design Project No. IITM/SERB/KS/473	Dr. Kaustav Sarkar	Please select the specialization preference for streams Structural/Earthquake as first preference. Failing which the application will not be considered further.

Minimum Eligibility Criterion for Appearing in Admission Process.

Qualifying Degree (as mentioned above):

1. Bachelor's degree in Engineering/Technology or equivalent with a valid GATE score # **OR**
2. 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 (on a scale of 10) or equivalent as per the Institute guidelines below.
 - a) UR : 7.5 CGPA
 - b) OBC (NCL): 7.00 CGPA
 - c) SC/ST/PwD: 6.5 CGPA
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 (on a scale of 10) or equivalent as per the Institute guidelines below.
 - a) UR : 7.5 CGPA
 - b) OBC (NCL): 7.00 CGPA
 - c) SC/ST/PwD: 6.5 CGPA

M.Tech. (R)+PhD. (Dual Degree) Program:

Candidates will be admitted to the M.Tech. (R)+Ph.D. (Dual Degree) Programme in Engineering in full time regular mode only. Eligibility and Minimum Educational Qualifications/specialization and research area as follows.

Sl. No	Specialization/ Broad Research Area	Qualifying degree	Remarks/ Instruction
1.	Geotechnical Engineering	B.Tech./B.E. in Civil/Construction/Mechanical Engineering/Environmental/ Agriculture Engineering or related areas	Select Geotechnical Engineering under specialization
2.	Structural/ Earthquake Engineering	B.Tech./B.E. in Civil Engineering/ Construction/Mechanical / Applied Mechanics or related areas	Select Structural/Earthquake Engineering under specialization
3.	Water Resource Engineering	B.Tech. /B.E. in Civil/ Agriculture/Environmental Engineering or related areas	Select Water Resource Engineering under specialization
4.	Applied Mechanics	B.Tech./B.E. in Civil Engineering/ Construction/Mechanical / Applied Mechanics or related areas	Select applied mechanics under specialization

Eligibility and Minimum Educational Qualifications: -

1. The candidate must possess B.E./B.Tech. or M.Sc. or equivalent Degree (as mentioned above) with a valid GATE Score for HTRA fellowship.
2. B.Tech./B.E. from CFTI institute (National Level examination i.e. GATE/NET is waived off for HTRA fellowship) with CGPA/CPI at least (on a scale of 10) or equivalent as per the Institute guidelines below.
 - a) UR : 7.5 CGPA
 - b) OBC (NCL): 7.00 CGPA
 - c) SC/ST/PwD: 6.5 CGPA.

Important Guidelines for Applications.

- Please read the instructions given in the brochure carefully before filling up the applications.
- B. E./AMIE / Other Equivalent exams are considered as B. Tech.
- M. E. / M. S. (by Research) / M.Tech. (by Research) or other equivalent exams are considered as M. Tech.
- **Applications with incomplete data will be rejected.**
- Candidates with B. Tech in branches / specializations other than specified in the dropdown list should select others and specify their branch / specialization in the text box provided.
- If you have your grade in CGPA/CPI, represent your CGPA/CPI out of 10.
- **The eligibility criteria mentioned above is minimum and the Institute shortlisting committee(s) may use higher cut-off levels for shortlisting.**
- Employed candidates seeking admission to M. Tech (by research)/Ph.D. must submit a “**No Objection Certificate**” from their current employer at the time of interview.
- **Mode of Interview:** - The shortlisted candidate will be called for interview. Interview will be in hybrid mode (online or offline).
- Interview will be of the qualifying nature.
- Applicants are advised to fill the specialization preference carefully through Samarth application portal. **First three choices/preference may be considered for processing the application as per the shortlisting criteria by the panel members according to the received applications.** Candidates are advised to fill first choice/preference of discipline on the application portal accordingly. Candidate should submit separate application for multiple discipline/programs.
- **Reservation policies as per prevailing GoI rules will be followed.**
- 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 application shall be summarily rejected.

- **For Part Time Ph.D. (Sponsored from Govt./Semi-Govt./National Research Lab/Industry/Public Sector/Reputed Private Sector/Institute Staff/Self sponsored) following shortlisting criteria has been followed:**
 - i. Institute Staff Members/Research scholars under QIP/Research Scholars under External Registration/Research Scholars working on Part Time Basis,
 - ii. Individuals employed in R&D environments in Scientific Institutions (including IIT Mandi) or industries
 - iii. Faculty members of all Engineering Colleges/Universities recognized by appropriate government agencies
 - iv. The required qualification remains the same as for the regular candidates except for the requirement of qualifying in one of the national entrance tests. Further the candidate should have at least two years of work experience.
- For more details about the Ph.D. Programme at IIT Mandi, please visit: https://www.iitmandi.ac.in/pdf/ordinances//Ordinances_Ph.D.pdf
- More details about eligibility can be found for M.Tech.(Research) at [https://www.iitmandi.ac.in/pdf/ordinances/Ordinances_MTech\(R\).pdf](https://www.iitmandi.ac.in/pdf/ordinances/Ordinances_MTech(R).pdf)
- Full details of the programme are available {As per 37th Senate Item No. 37.16} at <https://cloud.iitmandi.ac.in/f/cbc9eb261d8b472d9b25/>

Application Procedure:

Candidates should submit their application on Samarth application portal link given below:
<https://iitmandiadm.samarth.edu.in/aug24/index.php/>

Please note that the admission Cycle: (AUG-DEC 2025)

Application Fee for admission: -

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

Mode of Payment: Online

One application fee is valid for the single application. The application fee is non-refundable

- For any queries regarding admission please contact: scene_admissions@iitmandi.ac.in, Contact No. - 01905-267180
- For any problems regarding filling up of online application/technical issues,
Please contact by email: it_helpdesk@iitmandi.ac.in

Important Dates:

Start of online application: 28th March, 2025

Deadline for online application: 11th April,2025 at 5:00 pm.

Announcement of shortlisted candidates: 21st April, 2025 (Tentative)

Interview: 25th -29th April, 2025 (Tentative)

Date and Time of the interview will be informed to only shortlisted candidates by email.

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

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