

School of Engineering

School of Engineering invites applications for admission to various areas in Ph D / MS (by Research) / M. Tech programs for the semester commencing in August, 2018.

Minimum Eligibility for Admission in Various Programs

PhD Programs

Mechanical Engineering (Select **Mechanical Engineering** under main area)

Sl. No	Specialization	Qualifications for PhD admissions	Remarks / Instructions
1	Mechanical Design	B. Tech (Mechanical / Aerospace / Production Engineering) + M. Tech (Machine Design or related areas)	Select Machine Design under specialization
2	Thermal	B. Tech (Mechanical / Aerospace / Chemical Engineering) + M. Tech (Thermal – Fluid Science or related)	Select Thermal Science under specialization
3	Manufacturing	B. Tech (Mechanical Engineering / Production Engineering) + M. Tech (Mechanical / Production / Material Science / Metallurgy and related areas)	Select Manufacturing under specialization

Civil Engineering (Select **Civil Engineering** under main area)

Sl. No	Specialization	Qualifications for PhD admissions	Remarks / Instructions
1	Structural/ Earthquake Engineering	M. Tech with specialization in the areas related to Structural Engineering / Earthquake Engineering or equivalent	Select Structural Engineering under specialization
2	Geotechnical Engineering	M. Tech in areas related to Geotechnical Engineering and B. Tech in Civil Engineering	Select Geotechnical Engineering under specialization
3	Ground Water and Water Resource Management	M. Tech in areas related to Water Resources, Agriculture, Environmental and Groundwater	Select Ground Water and Water Resources Management under specialization
4	Remote Sensing and GIS	M. Tech / M.Sc. (NET mandatory for M.Sc.) in Remote Sensing & GIS / Geoinformatics / Geology / Glaciology/ related subjects / or equivalent on the discretion of short listing committee.	Select Remote Sensing and GIS under specialization
5	Environmental Science and Engineering	M.Tech / MSc in Civil, Environmental or Biotech and B.Tech. in Civil, Environmental or Biotechnology	Select Environmental Engineering under specialization

Materials (Select **Materials** under main area)

Sl. No	Specialization	Qualifications for PhD admissions	Remarks / Instructions
1	Nano Materials	M.Tech/M.Sc. in Chemistry/ Chemical Engineering /Nano materials/ Nanotechnology/Polymer chemistry/Material science/	Select Nano Materials under specialization
2	Condensed matter physics/thermoelectric materials	M. Sc /M.Tech in Physics/Materials science	Select Thermo – electric under specialization
3	Materials Engineering	M.Tech. (Materials/ Metallurgy/ Mechanical Design)	Select Material Engineering under specialization

M.S. (by Research) Programs

Mechanical Engineering (Select **Mechanical Engineering** under main area):

Sl. No	Specialization	Qualification for MS	Remarks
1	Manufacturing	B. Tech (Mechanical / Manufacturing / Production Engineering) + Valid GATE score	Select Manufacturing under specialization
2	Mechanical Design	B. Tech (Production/ Industrial/ Aerospace/ Mechanical) + Valid GATE score	Select Machine Design under specialization
3	Thermal Science	B. Tech (Mechanical Engineering) + Valid GATE score	Select Thermal Science under specialization

Civil Engineering (Select **Civil Engineering** under main area)

Sl. No	Specialization	Qualification for MS	Remarks
1	Geotechnical Engineering	B.Tech in Civil Engineering + valid GATE score	Select Geotechnical Engineering under specialization
2	Ground Water and Water Resource Management	B.Tech in Civil / Agriculture / Environmental + valid GATE score	Select Ground Water and Water Resources Management under specialization
3	Remote Sensing and GIS	B.Tech in Civil Engineering + valid GATE score	Select Remote Sensing and GIS under specialization
4	Structural /Earthquake Engineering/	B.Tech in Civil Engineering + valid GATE score	Select Structural Engineering under specialization
5	Applied	B.Tech in Civil or Mechanical	Select Applied Mechanics under

	Mechanics	Engineering + valid GATE score	specialization
6	Environmental Science and Engineering	B.Tech. in Civil, Environmental or Biotechnology + Valid GATE Score	Select Environmental Engineering under specialization

M. Tech

Sl. No	Program	Qualification for M. Tech Admission	Remarks / Instructions
1	M. Tech. in Mechanical Engineering with specialization in Energy Systems	B. Tech (Mechanical / Aerospace/ Production/ Manufacturing) + valid GATE score	Select Mechanical Engineering with Energy Systems under Program
2	M.Tech. in Energy Engineering with specialization in Materials	B. Tech (Mechanical / Aerospace/ Production / Manufacturing / Material / Chemical / Instrumentation / Electrical / Electronics) + valid GATE score	Select Energy Engineering with Materials under Program
3	M. Tech in Structural Engineering	To be announced soon (for updates periodically check IIT Mandi website)	To be announced soon.

Notes:

- B. E. / AMIE / Other Equivalent exams are considered as B. Tech.
- B. Sc (Science) includes the graduates with science background.
- M. E. / M. S. (by Research) or other equivalent exams are considered as M. Tech.
- M. Sc (Science) represents two years Masters after B. Sc (Science)
- For regular MS, valid GATE score is compulsory.
- GATE score is not compulsory for PhD (for candidates applying with M. Tech qualification).
- Valid GATE / JRF / NET score is compulsory for PhD for candidates applying with B. Tech or M. Sc.
- Candidates applying after B. Tech from IITs and having CGPA greater than or equal to 8.0 can apply for MS / M. Tech / PhD without GATE score.
- Candidates interested in part time PhD can apply through the online portal. However, they are recommended to go through the details at http://iitmandi.ac.in/academics/part_time_phd.php
- The eligibility criteria mentioned above is minimum and the shortlisting committee(s) may use higher cut-off levels for shortlisting.

Application Procedure

Candidates should apply through online only using the link:

<http://oas.iitmandi.ac.in/admission>

For any problems regarding filling-up of online applications, please contact Mr. Om Shankar Dwivedi (omshankar@iitmandi.ac.in)

For any other queries, you may contact at seoffice@iitmandi.ac.in

Candidates with B. Tech or equivalent degree and would like to apply for PhD program are advised to fill the online application form (see PhD regulations 2.1.1 (c) for eligibility and more details;

http://www.iitmandi.ac.in/administration/files/new%20MS_PhD_Ordinance_and_Regulations.pdf) and should contact Dr. K V Uday, Assistant Professor, School of Engineering, IIT Mandi at uday@iitmandi.ac.in with the relevant documents.

Important Notice: Candidates without specialization in the M.Tech should mention the subjects taken by them in the subject's column of the qualifications. They should also mention the M. Tech thesis title in the additional information column. Candidates, who do not mention the subject names, may not be shortlisted for written test / interview even if they fulfill the shortlisting criterion. There may not be any communication in this regard.

All qualified GATE candidates, who have submitted application for M.Tech. admission at IIT Mandi, should also register at Common Offer Acceptance Portal (COAP) for making decision against admission offer (if any)

Important Dates:

Starting date for filling Online Application: 5 April 2018

Last date for filling Online Application: 30 April 2018

Declaration of Shortlisted Candidates: 11 May 2018 (tentative)

Interview Dates: 30th May, 31st May and 1nd June 2018 (tentative)

Indian Institute of Technology Mandi, Himachal Pradesh 175005, India
