

School of Engineering

School of Engineering invites applications for admission in Ph D / MS (by Research) / M. Tech programs for the semester commencing from July 2017.

Minimum Eligibility for Admission in Various Programs

PhD Program

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 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/ Earthquake 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/GATE mandatory for M.Sc.) in Remote Sensing & GIS / Geoinformatics / Geology / Glaciology/ related subjects / or equivalent	Select Remote Sensing and GIS under specialization

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

Sl. No	Specialization	Qualifications for PhD admissions	Remarks / Instructions
1	Nano Materials	M.Tech/M. Sc (Chemistry / Materials Science / Polymer Science) + Valid GATE/NET score or B. Tech (Chemical Engineering) + Valid GATE/NET score	Select Nano Materials under specialization
2	Thermo Electric Materials	M. Sc (Physics) + Valid GATE/NET score	Select Thermo – electric 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 (Mechanical /Aerospace/ Engineering) + Valid GATE score	Select Machine Design under specialization
3	Thermal	B. Tech (Mechanical Engineering) + Valid GATE score	Select Thermal 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 Engineering + 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 Engineering	B.Tech in Civil Engineering + valid GATE score	Select Structural Engineering under specialization
5	Applied Mechanics	B.Tech in Civil Engineering + valid GATE score	Select Applied Mechanics under specialization

M. Tech

Sl. No	Programmes	Qualification for PhD 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

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/ equivalent score is compulsory for PhD (applying with B. Tech or M. Sc).
- Candidates with B. Tech from IITs and having CGPA greater than or equal to 8.0 can apply for M. Tech/PhD without GATE score.
- Candidates with B. Tech and applying for PhD program are advised to fill the online application form. They should refer to 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

Relevant documents has to be submitted to Dr. P. Anil Kishan, Assistant Professor, School of Engineering, IIT Mandi at kishan@iitmandi.ac.in before last date of application.

- 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

Important Notice: Candidates without specialization in the M. Tech should mention the subjects taken by them in the subjects 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 they fulfill the shortlisting criterion. There may not be any communication in this regard.

Important Dates:

Starting date for filling Online Application: 10 April 2017

Last date for filling Online Application: 30 April 2017

Declaration of Shortlisted Candidates: 10 May 2017 (tentative)

Interview Dates: 31 May, 1 June and 2 June 2017 (tentative)