

Shortlisting Criteria

For NITs IITs & PSUs



Shortlisting Criteria - IITs, NITs & PSUs

All top colleges in India, including the IITs, NITs, and other centrally funded universities use GATE score for shortlisting candidates to MTech courses. Now candidates must be wondering whether GATE is the only exam to go for MTech. To pursue access to the MTech, candidates may attempt any national or state level entrance exam such as GATE, UPSEE, State PG entrance exams, etc.

Various IITs in India fill seats by COAP counseling after the GATE scorecard. [MTech admissions](#) are open in IIT Bombay, IIT Madras, IIT Jodhpur, IIT Dhanbad, etc., until May 2023. The MTech application process at the Indian Institute of Technology (IIT) and the National Institute of Technology is based on the scorecard of the [GATE exam](#). In addition, several universities (Central, State, and private) conduct their entrance exam to offer MTech admission into M. Tech courses. For example, the Cochin University of Science and Technology will conduct its exam, and the Madan Mohan Malaviya University of Technology, Gorakhpur exam will conduct the Malaviya Entrance Test (MET).

Admission Process in Various Colleges

According to the MTech admission process 2023, to get entrance to the MTech courses in the leading institutes of India, including IITs and NITs, candidates need to clear various entrance exams conducted by various conducting bodies like GATE, State SEE Exams, Private Universities, and State PG entrance exams. Candidates who wish to apply for these colleges with or without GATE can get the application form from the authorized portal of the institute where they desire to apply.

AICTE GATE Scholarship

Candidates who clear the GATE exam will get a stipend of ₹12,400 per month, awarded as the AICTE GATE scholarship 2023. The duration of the AICTE GATE 2023 scholarship will be 24 months or the course duration the student has taken admission (whichever is lower).

Shortlisting Eligibility Criteria For All Colleges

The [MTech admission eligibility criteria](#) in various Institutes is that candidates must have a B.Tech or B.E. degree from an acknowledged academic institute with a valid GATE score (in central government colleges) or entrance exam scorecard of the particular college. Based on the MTech admission process, the minimum eligibility criteria in various engineering colleges in India are as follows. The candidates may note that if they fulfill these eligibility criteria for the MTech admission process 2023, would be followed at almost all colleges in the country.

- Candidates must have a minimum of 50-60% (depending on college to college) aggregate scores in their bachelor's engineering degree level. In addition, they should have either Science, Statistics, Computer, Maths, domains or something equivalent to these.
- **Civil Engineering Department:** B.E./B.Tech. or equivalent Engineering degree in Civil/ Civil/ Environmental/ Chemical/ Structural/ Agricultural/ Construction Technology/ Construction Technology and Management with First Division or, if a division is not awarded, and CGPA/CPI is adopted, 6.75 will be considered equivalent to the first division

- **MTech (Computer Engineering):** B.E./B.Tech. Degree in Computer Science / Software Engineering / Computer Sci. and Engineering/ Computer Engineering/ with First Division. If a division is not awarded and CGPA/CPI is adopted, 6.75 will be equivalent to the first division.
- **MTech (Electrical Engineering):** B.E./B.Tech. or Engineering degree in either Electrical Engineering (EE) or Electrical and Electronics Engineering (EN) with First Division. If a division is not awarded and CGPA/CPI is adopted, 6.75 will be equivalent to the first division.
- **MTech (Electronics Engineering):** B.E./B.Tech. or equivalent Engineering degree in Electronics Engineering, Electronics and Communication Engineering, Electronics and Telecommunication Engineering, and Electronics and Instrumentation Engineering with First Division or, if a division is not awarded, and CGPA/CPI is adopted, 6.75 will be considered equivalent to the first division.
- **MTech (Mechanical and Manufacturing):** B.E./B.Tech. or equivalent. Engineering degree in Mechanical / Production / Industrial / Manufacturing / Automobile / Aerospace Engineering/Aeronautical Engineering with First Division or, if a division is not awarded and CGPA/CPI is adopted, 6.75 will be considered equivalent to the first division.

Admission in IITs with GATE 2023

GATE is the most common entrance exam the candidates pursue to get into the [top MTech colleges](#) of India. Candidates need to apply at the official website of the conducting authority (COAP) of the GATE exam. Applicants need to score more than the cutoff marks set by the college they want to pursue.

Candidates qualifying for the GATE exam need to apply at the college's official website with GATE entrance exam scores. A merit list will be issued on a particular date, and seat allotment will be done accordingly after candidates report to the campus.

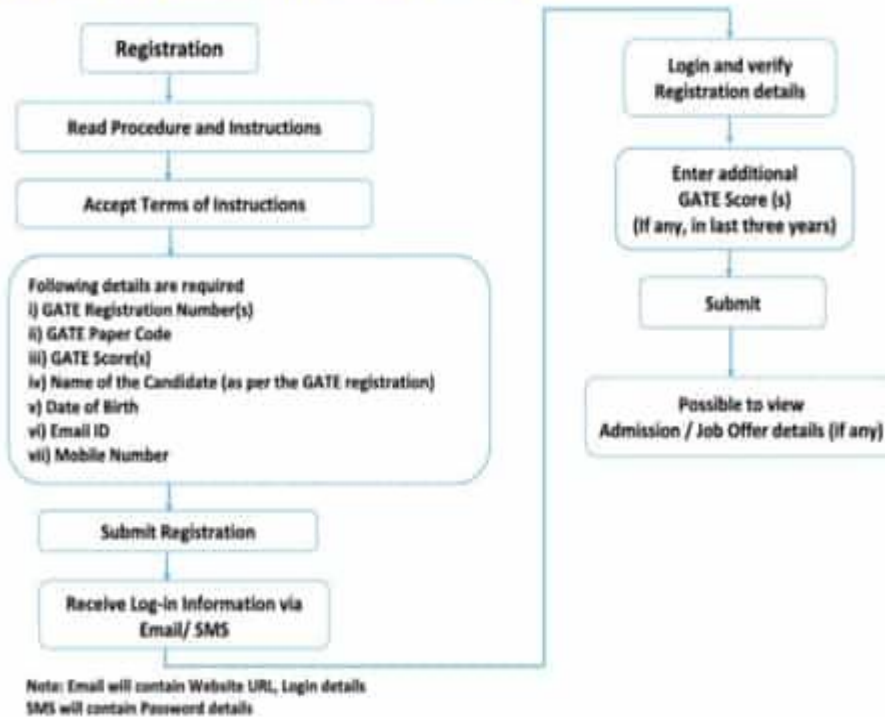
How to Apply for GATE COAP 2023?

You can follow the steps given below to register and check admission offers through GATE COAP 2023 for the MTech admission process:

- Step 1: Go to GATE COAP 2023 official website, coap.iitm.ac.in.
- Step 2: Select 'Register Now' and complete the registration form.
- Step 3: After completing the form, click 'Submit to Register' to validate and submit it.
- Step 4: Login information will be provided through email or SMS; click the same to validate the email.
- Step 5: Fill in the other data after logging in with the registered id and password (GATE score).
- Step 6: Submit your information.

A candidate will not be able to access any information on offers made by participating academic institutions after completing the COAP registration process. However, the offer will be published on the portal and include the COAP Registration number, the same as the GATE registration number but without the topic code.

Fig.1 Flow Chart for COAP 2022 Registration and Log-in



Admission via State Level Entrance Exams 2023

Various state-level Universities like AKTU (Dr. A.P.J. Abdul Kalam Technical University), Madan Mohan Malaviya University of Technology, Gorakhpur, and Rajasthan Technical University conduct their State Entrance Exams (SEE) entrance exams to pick up candidates for MTech admission process. The government authorities of the respective states conduct state-level entrance exams. The admission process and examination syllabus are very similar to the GATE exam.

Candidates need to apply on the official website of the conducting authority of the respective state-level entrances for the MTech admission process 2023, qualify for the exam by scoring past the cut-off marks, and get selected after the counseling phase.

Shortlisting Process for Private Universities

According to the MTech admission process 2023, candidates need to crack the entrance exams organized by the respective universities themselves to get entrance to the MTech private universities. Candidates can also apply via the GATE exam to get admission and a Central government scholarship.

Shortlisting Without GATE

It is possible to get admission to the various universities and Institute's MTech programs without attempting the GATE exam. Instead, candidates can take direct admission to the college they want to pursue. Some of the best colleges for direct MTech admission are the University of Delhi, Aligarh Muslim University, Banaras Hindu University, Jamia Millia Islamia, etc.

The eligibility criteria for direct admission to the MTech program without GATE are -

- Candidates must hold a B.E. or BTech degree with the minimum qualifying marks, which vary college-wise.
- Candidates applying to the MTech program via sponsored seats need to have at least 2 years of relevant working experience.

Shortlisting Criteria for PSUs

Usually, the basic eligibility criteria required to apply for the recruitment process for PSUs in India are as follows.

- **Valid GATE Score of the current year:** The validity of the GATE Scorecard may vary depending upon the PSU. However, in most recruitments, the GATE Score of the current year is acceptable.
- **Age Limit:** The age limit is usually between 21 and 28 years.
- **B. Tech/B. E Qualified:** Minimum pass percentage or CGPA in B.E/ B.Tech.
- **Medical Fitness:** Candidates should be medically fit.

You must note that the eligibility criteria for PSU recruitment through GATE varies with the recruiting PSU. Thus, you may not find similar eligibility criteria required by all the PSUs for recruitment through GATE Scores.



Conceptual Clarity



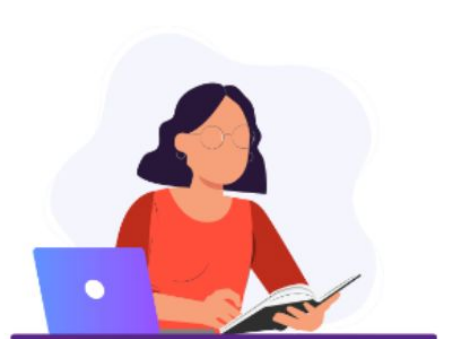
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Previous Year Questions



Test Series

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