ELIGIBILITY CRITERIA FOR ADMISSION TO MTECH/MDES/MS(R)/MA PROGRAMMES, IIT GUWAHATI

Criteria applicable to all the Programmes:

- The concerned academic division will determine the suitability of the disciplines of the qualifying degrees.
- The CPI/Marks criteria will be relaxed by 0.5 CPI (or 5% marks) for SC/ST/PwD candidates.
- A Degree (or equivalent) issued by a University or an Institute of National Importance will only be considered.

Master of Technology

To be admitted to an MTech Programme, a candidate must have a Bachelor's Degree or Master's Degree in the relevant discipline with a minimum CPI 6.0 on a 10-point scale (or 60% marks) that is obtained through a study of at least 6 years duration (in any format, including 2+4, 3+3, 2+5, 2+3+2) after Class 10.

In addition, the candidates applying under the studentship category Regular have to qualify in one of the GATE Papers given against the concerned discipline/specialization as mentioned in the following table.

MTech Discipline	Specialization	Admissible GATE Papers for Regular Candidates
Computer Science and Engineering[1]	---	Computer Science and Information Technology (CS)
Electronics and Electrical Engineering[1]	Communication Engineering	Electronics and Communication Engineering (EC)
	Power Engineering	Electrical Engineering (EE)
	Microelectronics, Photonics and RF Engineering	Electronics and Communication Engineering (EC)
	Signal Processing and Machine Learning	Electronics and Communication Engineering (EC)/ Electrical Engineering (EE)/ Instrumentation Engineering (IN)
	VLSI and Nanoelectronics	Electronics and Communication Engineering (EC)
	Systems, Control and Automation	Electronics and Communication Engineering (EC)/ Electrical Engineering (EE)/ Instrumentation Engineering (IN)
Mechanical Engineering	Aerodynamics and Propulsion	Mechanical Engineering (ME)/ Aerospace Engineering (AE)
	Computational Mechanics	Mechanical Engineering (ME)/ Aerospace Engineering (AE)
	Manufacturing Science and Engineering	Mechanical Engineering (ME)/ Production and Industrial Engineering (PI)
	Fluids and Thermal Engineering	Mechanical Engineering (ME)
	Machine Design	Mechanical Engineering (ME)
Civil Engineering	Earth System Science and Engineering	Civil Engineering (CE)/ Geology and Geophysics (GG)/ Petroleum Engineering (PE)/ Mining Engineering (MN)/ Agricultural Engineering (AG)/ Physics (PH)/ Chemistry (CY)/ Mathematics (MA)/ Environmental Science and Engineering(ES)/ Geomatics Engineering (GE)
	Environmental Engineering	Any Test Paper of GATE
	Geotechnical Engineering	Civil Engineering (CE)
	Construction Engineering and Management[2]	Civil Engineering (CE)/ Architecture and Planning (AR)
	Structural Engineering	Civil Engineering (CE)

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MTech Discipline	Specialization	Admissible GATE Papers for Regular Candidates
	Transportation Systems Engineering	Civil Engineering (CE)
	Water Resources Engineering and Management[3]	Civil Engineering (CE)/ Agricultural Engineering (AG)
Chemical Engineering	Materials Science and Technology	Chemical Engineering (CH)
	Petroleum Science and Technology	Chemical Engineering (CH)
	Computer Aided Process Engineering	Chemical Engineering (CH)
Biotechnology[4]	---	Biotechnology (BT)/ Life Sciences (XL)/Instrumentation Engineering (IN)/Biomedical Engineering (BM)
Bioengineering[4]	---	Biotechnology (BT)/ Life Sciences (XL)/Instrumentation Engineering (IN)/Biomedical Engineering (BM)
Rural Technology	---	Any Test Paper of GATE
Data Science	---	Data Science & Artificial Intelligence (DA)/ Computer Science and Information Technology (CS)/ Electronics and Communication Engineering (EC)/ Electrical Engineering (EE)/ Instrumentation Engineering (IN)/ Mathematics (MA)/ Statistics (ST)/ Engineering Sciences (XE)
Food Science and Technology	---	Agricultural Engineering (AG)/ Biotechnology (BT)/ Chemical Engineering (CH)/ Chemistry (CY)/ Life Sciences (XL)/Engineering Sciences (XE) with G:Food Technology
Robotics and Artificial Intelligence	---	Aerospace Engineering (AE)/ Biomedical Engineering (BM)/ Civil Engineering (CE)/ Chemical Engineering (CH)/ Computer Science and Information Technology (CS)/ Data Science & Artificial Intelligence (DA)/ Electronics & Communication Engineering (EC)/ Electrical Engineering (EE)/ Environmental Science & Engineering (ES)/ Geomatics Engineering (GE)/ Instrumentation Engineering (IN)/ Mechanical Engineering (ME)/ Mining Engineering (MN)/ Metallurgical Engineering (MT)/ Naval Architecture & Marine Engineering (NM)/ Petroleum Engineering (PE)/ Production & Industrial Engineering (PI)/ Textile Engineering & Fiber Science (TF)/ Engineering Sciences (XE).
Biomedical Science and Engineering[5]	Medical Devices and Diagnostics	Electronics and Communication Engineering (EC)/ Electrical Engineering (EE)/ Mechanical Engineering (ME)/ Biomedical Engineering (BM)/ Biotechnology (BT)/ Chemical Engineering (CH)/ Physics (PH)/ Engineering Sciences (XE)/ Chemistry (CY)/ Life Sciences (XL)/ Instrumentation Engineering (IN)
	Regenerative Medicine, Stem Cells and Therapeutics	

1. Graduates (AMIETE) enrolled up to 31.05.2013 from the Institution of Electronics and Telecommunication Engineers (IETE) in the relevant discipline are eligible.

2. A maximum of 3 seats shall be allotted for candidates with a Bachelor's degree in Architecture.

3. A Maximum of 4 seats shall be allotted for candidates with a Bachelor's degree in Agriculture Engineering.

4. Biology or related subjects as one of the courses at the 10+2 level or later is required.

5. Mathematics at 10+2 level as well as Bachelor's level as one of the courses is required.

Master of Science (by Research)

To be admitted to the MS(R) Programme, a candidate must satisfy the eligibility criteria detailed below.

MS(R) Discipline	Eligibility Criteria
Energy Science and Engineering	A Bachelor's Degree or Master's Degree in the relevant discipline with a minimum CPI 6.0 on a 10-point scale (or 60% marks) that is obtained through a study of at least 6 years duration (in any format, including 2+4, 3+3, 2+5, 2+3+2) after Class 10. For Regular category candidates, a valid GATE score/NET-JRF in the relevant discipline.

Master of Design

To be admitted to a MDes Programme, a Bachelor's Degree or Master's Degree in the relevant discipline with a minimum CPI 6.0 on a 10-point scale (or 60% marks) that is obtained through a study of at least 6 years duration (in any format, including 2+4, 3+3, 2+5, 2+3+2) after Class 10.

Alternatively, four-year Professional Diploma in Design of NID or Professional Diploma of CEPT (5-year Programme) with a minimum 6.0 CPI on 10-point scale (or 60% marks), after Class 12.

For Regular Category candidates, valid CEED score.

Master of Arts

To be admitted to an MA Programme, a candidate must satisfy the following criteria:

1. A Bachelor's (10+2+3) degree (Major/ Honours) or equivalent from a recognized University, in any discipline, with a minimum 6.0 CPI on 10-point scale (or 60% marks) in Major/Honours only.
2. Candidates not having Major/Honours courses must have the concerned degree with a minimum 6.0 CPI on 10-point scale (or 60% marks).

Studentship Category:

1. The MA Programme is offered under the Regular Category and the Sponsored Category. The students in both categories will pursue the Programme on a full-time basis.
2. Regular category candidates in the MA Programme will NOT receive any Assistantship. For details and requirements about the Sponsored Category, please Click Here.