

INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI

GUWAHATI – 781039, INDIA

Admission to MTech and MDes Programmes to start from July 2011

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Applications are invited for admission to the Master of Technology (MTech) and Master of Design (MDes) programmes starting in July 2011. The departments and areas in which these programmes will be offered are:

MTech and MDes Programmes	
Departments	Specializations
Dept. of Computer Science & Engineering	Computer Science and Engineering
Dept. of Electronics & Electrical Engineering	(i) Signal Processing, (ii) VLSI, (III) Communications Engineering, and (iv) Applied Control
Dept. of Mechanical Engineering	(i) Fluids and Thermal Engineering, (ii) Machine Design, and (iii) Computer Assisted Manufacturing
Dept. of Civil Engineering	(i) Structural Engineering, (ii) Geotechnical Engineering, (iii) Water Resources Engineering and Management, (iv) Environmental Engineering, (v) Transportation Systems Engineering and (vi) Infrastructure Engineering and Management
Dept. of Chemical Engineering	(i) Petroleum Science and Technology, and (ii) Material Science and Technology
Dept. of Biotechnology	Biotechnology
Dept. of Design (MDes programme)	Design (With focus on Product Design and Development; Ergonomics; Usability Engineering including Human Computer Interaction (HCI); Communication Design).

Categories of MTech/MDes Students

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The Institute admits MTech/MDes students under the following categories:

i) REGULAR (FULL -TIME)

These are students who work full-time for their MTech/MDes degrees and receive assistantships from the Institute or fellowship from any other recognised funding agency.

ii) SPONSORED (FULL-TIME)

A candidate in this category is sponsored by a recognised R&D organisation, academic institution, governmental organisation or industry for doing MTech/MDes in the Institute on a full-time basis. The applicant must be a regular employee of his/her organisation with at least two years of experience at the time of admission and be engaged in professional work in the discipline in which admission is sought. He/She will not receive any financial support from the Institute. Sponsorship letter (**Form I**) must be attached with the application.

iii) PART-TIME

This category refers to candidates who are professionally employed personnel (including the staff of IIT Guwahati), who can attend classes at the Institute while employed. These candidates should be able to attend regular classes as per the schedule of the Institute. The applicant must be a regular employee of a recognized organisation with at least two years of experience at the time of admission and be engaged in professional work in the discipline in which admission is sought. No financial assistance will be provided by the Institute to such students. A No Objection Certificate from the Head of the Institution/ Organisation in which he/she is employed (**Form II**) must be enclosed at the time of application.

iv) PROJECT STAFF

This category refers to candidates who are presently working on sponsored projects in the Indian Institute of Technology Guwahati. The remaining duration of the project at the time of admission should be at least one year. This category of students may be registered on a full-time or part-time basis. No Objection Certificate (**Form III**) must be attached with the application.

Note: The word 'Form' used under this section refers to the forms as specified in the Application Form for Admission to MTech/MDes Programmes.

Eligibility Criteria For Admission Into MTech Programme

Minimum CPI of 6.5 or 60% of marks or First Class in the qualifying degree, fulfilling specific requirements for different disciplines, as indicated below:

- Note:**
- (a) All regular category candidates (**except those having BTech degrees from an IIT with a minimum CPI of 7.0**) must possess a valid score of Graduate Aptitude Test in Engineering (GATE). ***For eligibility for financial assistance for regular category candidates***, please see the section “Financial Support” below.
 - (b) Minimum experience required for Sponsored (Full-time), Self-Financed, and Part-Time categories of candidates, have also been indicated below.

Computer Science & Engineering	Bachelor’s degree in Engineering / Technology or equivalent in an appropriate area or MSc (Computer Science/Information Technology) or MCA from a recognized Institution and a valid GATE score in CS.
Electronics & Electrical Engineering	Bachelor’s degree in Electrical/ Electronics Engineering or Equivalent or MSc(Electronics) and a valid GATE score in EC/EE
Mechanical Engineering	<p>Bachelor’s degree in Engineering / Technology in an appropriate area and a valid GATE score in:</p> <ul style="list-style-type: none"> (a) `ME’ for the specializations of (i) Fluids and Thermal Engineering, and (ii) Machine Design; and (b) `ME’ or `PI’ for the specialization of “Computer Assisted Manufacturing” only.
Civil Engineering	<p>Bachelor’s degree in Engineering / Technology in an appropriate area and a valid GATE score in:</p> <ul style="list-style-type: none"> (a) `CE’ for the specializations of (i) Structural Engineering, (ii) Geotechnical Engineering, (iii) Environmental Engineering, and (iv) Transportation Systems Engineering; (b) `CE’ or `AR’ for the specialization of “Infrastructure Engineering and Management”; and (c) `CE’ or `AG’ for the specialization of “Water Resources Engineering and Management” only.
Chemical Engineering	Bachelor’s degree in Engineering / Technology in an appropriate area (having Mass Transfer, Heat Transfer, Fluid Mechanics, Thermodynamics, Reaction Engineering, and Process Control, as subjects in undergraduate programme) and a valid GATE score in Chemical Engineering.

Biotechnology

Master's degree in Science or 4-year Bachelor's degree in Engineering, with biology or related subjects as one of the papers at the 10+2 level or later, along with a valid GATE score in related disciplines.

Eligibility Criteria For Admission Into MDes Programme

Minimum CPI of 6.0 or 55% of marks in the qualifying degree/diploma as indicated below:

- Note:** (a) All regular category candidates (**except those having BTech/BDes degrees from an IIT with a minimum CPI of 7.0**) must possess a valid score of all India Common Entrance Examination for Design (CEED). *For eligibility for financial assistance for regular category candidates*, please see the section "Financial Support" below.
- (b) Minimum experience required for Sponsored (Full-time), Self-Financed, and Part-Time categories of candidates, have been indicated below.

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- 1) 4-year Bachelors' degree or equivalent in Design, Engineering, Architecture, Interior Design or a Design related field.

OR

4-year Professional Diploma in Design of NID or Professional Diploma of CEPT (5-year programme)

MINIMUM EXPERIENCE FOR SPONSORED FULL-TIME AND PART-TIME CATEGORIES OF APPLICANTS FOR MTECH/MDES PROGRAMME

1. Candidate in Sponsored Full-Time and Part-time categories must be a regular employee of the sponsoring organization with at least 2(two) years of professional experience in the respective field.

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2. Candidates in Self-financed category should have at least 2(two) years of professional experience in the respective field.

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ADDITIONAL CONDITIONS FOR CANDIDATES STILL TO APPEAR IN QUALIFYING EXAMINATIONS

Candidates still to appear in their qualifying degree examinations may also apply, provided they appear in all their qualifying degree examinations and complete all requirements for their degrees before **19-07-2011**. If selected, such candidates shall be admitted provisionally, and they will have to furnish the results of their qualifying degree examinations **latest by 02-09-2011**. Further, they must fulfill the minimum requirements of marks/CPI, and other conditions like valid GATE score/CEED score (as may be applicable) etc., as mentioned under eligibility criteria for respective programmes. Failure to fulfill any of these requirements, shall automatically result in cancellation of admission.

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Relaxation for SC/ST/PD Candidates: Eligibility criteria will be relaxed by 5% marks or 0.5 CPI for SC/ST/PD applicants.

Reservation of Seats for SC, ST, OBC and PD categories: As per Govt. of India rules. **OBC(Non-creamy layer) candidates will have to enclose certificate and self-declaration statement as per formats as indicated at ANNEXURES-I and II.**

Financial Support

(For regular students, who are Indian nationals)

1. Assistantships are provided to regular students (Indian nationals) at the rate of Rs.8,000/- per month, with valid and qualifying GATE score above the prescribed cut off level for MTech programme; and valid CEED score for MDes programme . GATE/CEED score requirement is exempted for students with Bachelor's degree from an Indian Institute of Technology (IIT) with minimum CPI of 8.0.
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2. Assistantships from external funding organizations will be available as per terms and conditions of the concerned funding organizations.
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3. Students receiving assistantships from the Institute or from any other funding agencies, are required to perform academic duties as per prevailing norms.
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4. The continuation of the assistantship is subject to satisfactory performance of the assigned duties and

satisfactory progress of the student in the MTech/MDes Programme.

5. Financial assistantship will be for a maximum period of 2(two) years.

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Application Procedure

Application forms with details can be [downloaded](#) from the link given below.

<http://www.iitg.ac.in/acad/admnJuly2011/MTechMDes/admnMTechMDesJuly2011.htm#downloads>

Application forms and Information Brochures can also be obtained from the Deputy Registrar (Academic), Indian Institute of Technology Guwahati, Guwahati - 781 039, Assam, personally or by ordinary Post. To receive application forms by post, send a request along with a self-addressed unstamped envelope (24cm x 15cm size). Request for a form must be sent in an envelope super-scribed with '**Request for MTech/MDes Application form**' (as may be applicable). *For example*, a candidate interested in applying for MTech programme, should super-scribe on his/her envelope as '**Request for MTech Application form**'.

Filled in application forms complete with copies of mark sheets/certificates and other testimonials and a DD for Rs.150/- (Rs.75/- for SC/ST/PD candidates) drawn in any nationalized bank and payable at Guwahati **in favour of Indian Institute of Technology Guwahati** should be sent to the **Head** of the concerned **Department** (as may be applicable), Indian Institute of Technology Guwahati, Guwahati – 781039, Assam, to reach on or before **13 APRIL 2011**. The words "Application for MTech/MDes admission" (as may be applicable) should be written on the top of the envelope for sending the completed form. For example, a candidate interested in applying for MTech programme in the Dept. of Mechanical Engineering, should (a) send the filled-in application form to **The Head, Dept. of Mechanical Engineering, Indian Institute of Technology Guwahati, Guwahati – 781 039, Assam**, and (b) on the top of the envelope also write the words "**Application for MTech admission**". PLEASE NOTE THAT THIS IS AN EXAMPLE ONLY, AND **THE CANDIDATES WILL HAVE TO ENSURE THAT THEIR APPLICATIONS ARE ADDRESSED CORRECTLY AND SENT TO THE APPROPRIATE DEPARTMENT, SINCE NO CLAIM LATER ON WILL BE ENTERTAINED FOR ANY WRONGLY ADDRESSED APPLICATION FORM. PLEASE ALSO NOTE THAT SEPARATE APPLICATION IS REQUIRED FOR EVERY DEPARTMENT/CENTRE.**

Selection

The Institute reserves the right to call a limited number of candidates for written test or/and interview/portfolio review, if required, based on performance in GATE/CEED, grades/marks in the qualifying examination, etc.

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Date of Issue of Application Forms: 17 February 2011 onwards

Last Date for issuing Application Forms ► By Ordinary Post – 4 April 2011

Last Date for receiving Application Forms ► 13 April 2011

Admission to Foreign Students

The applications of sponsored or self-financed foreign national candidates will also be considered for admission to the MTech and MDes Programmes. For prescribed academic criteria, please see the eligibility criteria for [MTech/MDes](#) programmes. The desirous foreign nationals will submit their complete bio-data with regard to their academic qualifications indicating clearly (1) the class obtained, (2) percentage of marks where marks are awarded and Cumulative Performance Index (CPI) or equivalent where grades are awarded, and (3) proficiency in English. Please download the application form ([.doc](#), [.pdf](#)), take a print out, fill it and **send it to the Dean of Academic Affairs, Indian Institute of Technology Guwahati, Guwahati-781 039, Assam, India**. Also, please send an advance copy of the completed application form **by fax to +91-361-258 2090/2690762**. The last date of receipt of application form from foreign candidates is **30 April 2011**.

No Objection Certificate(NOC)

If selected, foreign students will have to produce “No Objection Certificate (NOC)” from the Department of Secondary Education and Higher Education, Ministry of Human Resources Development, Government of India, C-Wing, Shastri Bhawan, New Delhi-110001, at the time of admission at IIT Guwahati. The details of the procedures for obtaining the concerned NOC can be seen from the website <http://www.education.nic.in/schtech.asp>

Fees:

Foreign students from countries under South Asian Association of Regional Cooperation (SAARC) have to pay US Dollars (USD) 2,000/- or equivalent amount as fees every year. For students from non-SAARC countries, the fee is USD 4,000/- or equivalent amount per year. This excludes the hostel admission and mess bills.

Accommodation:

Foreign students can stay in the hostels along with Indian students. The hostel rooms are single-seated. Limited number of quarter-type accommodation for married students is also available. Mess bills in hostels are around Indian Rupees (INR) 1,930/- per month for basic menu. Only Indian food is served in the hostels.