



भारतीय प्रौद्योगिकी संस्थान पटना

Indian Institute of Technology Patna

Admission to M.Tech. Programme for Academic Session 2012-13

Advt. No. IITP/ACAD/2012/02

Date 11-04-2012

Applications are invited for admission to the Master of Technology (M.Tech.) programmes starting in July 2012. The programmes are of two years duration. The details of the programmes offered by Schools/Departments and specialisations are as follows:

Schools/ Departments	Specialisations
School of Engineering & Technology (Department of Mechanical Engineering jointly with Department of Electrical Engineering)	Mechatronics
School of Basic Sciences (Departments of Mathematics) jointly with School of Engineering & Technology (Department of Computer Science & Engineering)	Mathematics and Computing
School of Basic Sciences (Departments of Physics jointly with Department of Chemistry)	Nanoscience and Technology

Categories of M.Tech. Students

The Institute admits M.Tech. students under the following categories:

i) REGULAR (FULL -TIME)

These are students who work full-time for their M.Tech. 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 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, available with the application form) must be attached with the duly filled in application form.**

Eligibility Criteria for Admission to M.Tech. Programme

The programme is open to candidates of all categories with Bachelor's Degree in Engineering / Technology / M Sc or equivalent professional degrees (AMIE, etc.) and having a valid GATE score. **Note:** All regular category candidates (**except those having B.Tech. degrees from an IIT with a minimum CPI of 8.0**) must possess a valid score of Graduate Aptitude Test in Engineering (GATE). Candidates seeking admission to M.Tech. Programme of the Institute shall have to possess a minimum of 60% marks (or a CGPA of 6.5 in 10 point scale) for General/OBC categories and 55% marks (or a CGPA of 6.0 in 10 point scale) for SC/ST

categories in the final qualifying examination. All selected candidates have to produce the certificate with regard to the marks secured in the final qualifying examination by **31-10-2012**. Reservation of Seats for SC, ST, OBC (including OBC Minorities) (Non-creamy layer) and PD categories: As per Govt. of India rules. OBC (including OBC Minorities) (Non-creamy layer) candidates will have to enclose certificate and self-declaration statement as per prescribed format in annexure I, II and III (as applicable) available with the Application form.

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 **17-07-2012**. If selected, such candidates shall be admitted provisionally, and they will have to furnish the results of their qualifying degree examinations **latest by 31-10-2012**. Further, they must fulfil the minimum requirements of marks/CGPA/CPI, and other conditions like valid GATE score etc., as mentioned under eligibility criteria for respective programmes. Failure to fulfil any of these requirements, shall automatically result in cancellation of admission

Selection Procedure

Selection is based on performance in GATE and Personal Interview of short-listed candidates. Marks obtained in GATE and in personal interview will have 70% and 30% weightage respectively. Personal interview will be held to test the skills in basic science, engineering, and relevant areas. Personal interviews will be conducted at IIT Patna. **The eligibility and the GATE papers for the M.Tech. programmes are given below:**

M.Tech. in Mechatronics	B.Tech./B.E. degree in Mechanical / Production /Aerospace/ Electrical/ Electronics & Communication/ Instrumentation Engineering or MSc in Electronics and Instrumentation and valid GATE score in ME, PI, AE, EE, EC, IN, PH, XE .
M.Tech. in Mathematics and Computing	MSc in Mathematics or B.Tech./B.E. degree in Electrical/ Electronic/ Computer Science/ Mechanical/ Civil/ IT/ Aerospace/ Instrumentation Engineering or Equivalent and a valid GATE score in MA, EE, EC,CS, ME, CE, AE, IN.
M.Tech. in Nanoscience and Technology	MSc/Equivalent in [Nanoscience, Chemistry (Pure/ Applied), Physics, Applied Physics/ Solid State Physics/ Engineering Physics/ Biophysics/ Polymer Science/ Material Science] or B.Tech./Equivalent degree in [Engineering Physics/ Polymer Engineering/ Materials & Metallurgical/Materials/Mechanical/Electronics/Electrical Engineering] and a valid GATE score in CY, PH, MT, ME, EC, EE, XE (with Material Science or Polymer Science & Engineering)

Sponsored Candidates

An applicant employed in an industry or any other recognized organisation/institution with at least two years of experience is eligible for admission to the M.Tech. programmes provided the applicant is sponsored by the employer. The applicant should have scored at least 60% marks (or a CGPA/CPI of 6.5 in 10 point scale) for GN/OBC Categories and 55% marks (or a CGPA/CPI of 6.0 in 10 point scale) for SC/ST Categories in the qualifying degree examination. For sponsored applicants GATE score is not mandatory and they are not eligible for assistantship. Candidate applying for Sponsored Full-Time categories must be a regular employee of the sponsoring organisation with at least 2(two) years of professional experience in the respective field. Selection of these candidates is based on performance in Written Test and Personal Interview of short-listed candidates. Performance in Written test and in Personal interview will be the basis for the selection in M.Tech. programmes.

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 M.Tech. programme . *GATE score requirement is exempted for students with Bachelor's degree from an Indian Institute of Technology (IIT) with minimum CPI of 8.0.*
2. Assistantships from external funding organisations will be available as per terms and conditions of the concerned funding organisations.
3. Students receiving assistantships from the Institute or from any other funding agencies, are required to perform academic duties as per prevailing norms.
4. The continuation of the assistantship is subject to satisfactory performance of the assigned duties and satisfactory progress of the student in the M.Tech. programme.
5. Financial assistantship will be for a maximum period of 2(two) years.

Application Procedure:

Prescribed application form can be downloaded here (DOC format, PDF format).

Application form can also be obtained from the *Assistant Registrar(Academic), Indian Institute of Technology, Patna, Patliputra Colony, Patna – 800013, Bihar*, from 11-04-2012 by ordinary post or in person. To receive application forms by post, send a request along with a self-addressed, stamped envelope (24cm x 15cm size). Request for form must be sent in an envelope superscribed with 'Request for M.Tech. Application form'.

Filled in application forms complete with copies of mark sheets/certificates and other testimonials (both sides) and a Demand Draft for **Rs. 300/- for General/OBC** candidates and **Rs. 150/- for SC/ST/PD** candidates drawn in any nationalized bank and payable at **Patna** in favour of **IIT Patna** should be sent to the *Assistant Registrar (Academic), Indian Institute of Technology Patna, Patliputra Colony, Patna – 800 013, Bihar*, to reach on or before **14-05-2012**. **Please mark on the top of the envelope, Application for M.Tech. admission in “ Name of the Specialisation ”.**

Those applying for more than one specialisation should make separate application.

Selection:

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

Important Dates:

Date of Issue of Application Forms: 11-04-2012 onwards

Last Date for issuing Application Forms is: 07-05-2012 (by post / in person)

Last Date for receipt of completed Application Forms by IIT Patna is: 14-05-2012

Note that the Application Form is available for downloading from 11-04-2012 to 07-05-2012.

For any further information, please contact

Assistant Registrar (Academic),
Indian Institute of Technology Patna
Patliputra Colony, Patna – 800 013, Bihar
Phone : +91 (621) 2552103
Fax: +91 (612) 2277383

Legal Jurisdiction The Courts at Patna alone shall have the jurisdiction to settle and decide all matters and disputes related to the above referred admission process.