

INDIAN INSTITUTE OF TECHNOLOGY JAMMU

Admission to M.Tech/M.Sc./M.S(R) Programmes for 2022-23 Session

IITJMU/PG/01/2022

18 Mar 2022

Indian Institute of Technology Jammu invites applications for admission in M.Tech/MSc/MS(R) programmes for the session 2022-23 in the following Departments/specializations:

| M.Tech Programmes | |
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| <u>Programme Name</u> | <u>Offered by</u> |
| Tunnel Engineering | Civil Engineering Department |
| Data Science | Computer Science Engineering Department |
| Information Security | Computer Science Engineering Department |
| Communications and Signal Processing | Electrical Engineering Department |
| Thermal and Energy Systems Engineering | Jointly offered by the Mechanical Engineering Department and Chemical Engineering Department |
| Computer Technology (Three year M.Tech Programme in Research Assistant Category) | Jointly offered by the Electrical Engineering Department and Computer Science and Engineering Department |
| M.Sc. & M.S(R) Programmes (Admission through JAM 2022 Examination) | |
| M.Sc. and M.S(R) (Chemistry) | Chemistry Department |
| M.S(R) (Physics) | Physics Department |

Minimum Eligibility Criteria:

| Programme | Eligibility Criteria |
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| M. Tech. Tunnel Engineering (Civil Engineering Department) | <ol style="list-style-type: none">1. For the General category candidates, the minimum requirement is 65% marks in aggregate/equivalent CGPA in B.E./B.Tech./AMIE Civil Engineering.2. For SC/ST/OBC-NCL/EWS/PWD candidates, relaxation of 5% or 0.5 CGPA of the above criterion is allowed.3. The candidate must have a valid GATE scorecard with GATE paper code CE.4. For Sponsored candidates, GATE qualification is not mandatory. <p>Note: Candidates who fulfill the above criteria, will be called for written exam followed by interview. Only selected candidates who score above the cutoff marks in the written exam will be called for interview. The cutoff marks will be decided by the M.Tech. Selection Committee. Merely appearing for written exam will not guarantee a call for the interview. Based on the GATE score, performance in the written exam and interview, only the selected candidate will be communicated with an offer for admission in M.Tech. in Tunnel Engineering.</p> |
| M. Tech. Data Science (Computer Science and Engineering Department) | <ol style="list-style-type: none">1. Candidates should have qualified their qualifying degree (B.Tech/B.E./M.Sc.) in Computer Science and Engineering, Electronics Engineering, Mathematics and Statistics. The candidates must have a valid GATE Score card with a minimum of 300 score (for SC/ST category the minimum is 200 score). Computer Science and Engineering (CS), Electronics Engineering (EC), Mathematics (MA), and Statistics (ST) would be the required subject specializations at the GATE examination.2. Candidates who have qualified AMIE or Grad IETE qualifications will also be considered for admission based on their performance in AMIE/Grad IETE. Such candidates will have to complete 24 valid credits specified by concerned DRC/CRC/PEC along with a valid GATE score. <p>Note: Above mentioned criterion is primary screening criterion and further technical round of test and/or interview will be conducted for selecting the candidates.</p> |
| M. Tech Information security (Computer Science and Engineering Department) | <ol style="list-style-type: none">1. Candidates should have qualified their qualifying degree (B.Tech/B.E./M.Sc.) in Computer Science and Engineering, Electronics Engineering, Mathematics and Statistics. The candidates must have a valid GATE Score card with a minimum of 300 score (for SC/ST category the minimum is 200 score). Computer Science and Engineering (CS), Electronics Engineering (EC), Mathematics (MA), and Statistics (ST) would be the required subject specializations |

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| | <p>at the GATE examination.</p> <p>2. Candidates who have qualified AMIE or Grad IETE qualifications will also be considered for admission based on their performance in AMIE/Grad IETE. Such candidates will have to complete 24 valid credits specified by concerned DRC/CRC/PEC along with a valid GATE score.</p> <p>Note: Above mentioned criterion is primary screening criterion and further technical round of test and/or interview will be conducted for selecting the candidates.</p> |
| <p align="center">M.Tech Communications and Signal Processing (Electrical Engineering Department)</p> | <ol style="list-style-type: none"> 1. BE/B.Tech. in Electronics and Communication Engineering/ Electronics and Instrumentation Engineering/ Electrical and Electronics Engineering/ Electronics and Telecommunication / Electrical Engineering with first class throughout in education qualification. 2. A minimum of 60% marks or a CGPA of 6.0 on a 10.00 point scale in secondary (X) and senior secondary (XII) school examinations. 3. A relaxation of 5% marks or equivalent will be given in either of secondary (X) or senior secondary (XII) school examinations. 4. The candidates must have a valid GATE Score card with a minimum of 300 score (for SC/ST category the minimum is 200 score) with EC/EE/IN paper codes. <p>Note: Candidates will be screened based on B.E/B.Tech marks and GATE score and will be called for a written test and/or interview.</p> |
| <p align="center">M. Tech Thermal and Energy System (Jointly offered by the Mechanical Engineering Department and Chemical Engineering Department)</p> | <ol style="list-style-type: none"> 1. Candidates should have B.E./B.Tech/AMIE in Mechanical Engineering or in Chemical Engineering. 2. General category candidates should have minimum 65% marks in aggregate or minimum 6.5 CGPA on a 10-point scale. Relaxation of 5% will be given to the SC/ST/OBC-NCL/PWD/EWS candidates. 3. Candidates should have valid score card of GATE qualified in either Mechanical Engineering (ME), or in Chemical Engineering (CH), or in Engineering Sciences (XE) papers. Candidates who appeared for the Engineering Sciences (XE) paper, should have written both Fluid Mechanics (XE-B) and Thermodynamics (XE-F) papers. |
| <p align="center">M. Tech Computer Technology (Jointly offered by the Electrical Engineering Department and Computer Science and Engineering Department)</p> <p align="center">Three Year Program in Research Assistant Category</p> | <ol style="list-style-type: none"> 1. Candidates should have qualified their qualifying degree (B.Tech/B.E./M.Sc.) in Computer Science and Engineering/ Information Technology/ Information & Communication Technology/ Electronics Engineering/ Mathematics and Statistics/ Electronics and Communication Engineering/ Electronics and Instrumentation Engineering/ Electrical Engineering/ Electrical and Electronics engineering. The candidates must have a valid GATE Score and must have secured a minimum score of 300 (for SC/ST category the minimum is 200 score) in the Valid GATE scorecard. <p>Note: Above mentioned criterion is primary screening criterion and further technical round of test/interview will be conducted for selecting the candidates.</p> |

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| <p style="text-align: center;">M.Sc. and M.S.(R) Chemistry (Chemistry department)</p> | <p>The M.Sc.& MS (R) Chemistry course in Chemistry will provide with the necessary fundamental knowledge in both, theory and laboratory practical levels followed by cutting edge and related inter-disciplinary areas of research.</p> <p>M.Sc. Chemistry is a 2-year master program (77 credits) and MS (R) Chemistry program (107 Credits) will be an option up to five students of the class of M.Sc. Chemistry students.</p> <p>Essential Criteria:</p> <ol style="list-style-type: none"> 1. For B.Sc./B.S Students, Chemistry for at least two years/four Semesters 2. B.Tech/B.E students of any specialization with four core courses in chemistry 3. The admissions to this PG program will be done through the Joint Admission (JAM) entrance examination from 2022-23 4. Scholarship will not be provided for MSc Students. 5. IIT Jammu has limited hostel facility for the students of this programme and is not guaranteed. |
| <p style="text-align: center;">M.S.(R) Physics (Physics Department)</p> | <p>The 3 year MS (R) Physics programme will be offered in 3 different streams/specializations.</p> <ol style="list-style-type: none"> 1. For B.Sc./B.S students, physics for at least two years/four semesters and Mathematics for at least one year/two semesters 2. For B.Tech/B.E students, four core courses in physics including Quantum mechanics, Classical mechanics and Electrodynamics 3. The admissions to this PG program will be done through the Joint Admission (JAM) entrance examination from 2022-23 4. This is a three year Master's programme and scholarship will be provided only in the third year. 5. IIT Jammu has limited hostel facility for the students of this programme and is not guaranteed. |

Note: Relaxation for reserved category students will be as per Government norms for all Masters Programmes.

Course Fee Structure:

For details of course fee structure, please visit the following link: <https://iitjammu.ac.in/fee-structure>

Application Fee:

Application Fee per department (non-refundable): Rs.300/- for General/Gen-EWS/OBC category and Rs.200/- for SC/ST/PWD category candidate. The candidates can deposit the requisite application fee by using net banking or debit/credit card facilities. Additional charges will be applicable as per the rule of the concerned bank. The Fee will not be accepted through any other mode.

Reservation:

The reservation of seats in admissions for SC, ST, OBC, EWS categories and for Persons with Disability (PwD) will be as per Govt. of India guidelines.

Application Procedure:

M.Tech admissions:

It is mandatory for all candidates applying for M.Tech programmes to register at Common Offer Acceptance Portal (<https://coap.iitb.ac.in>) and COAP registration number is mandatory for filling the application form on the IIT Jammu application portal. Admission offer will be made through COAP portal. The applicant is responsible for the information provided. IIT Jammu or COAP does not take any responsibility for the wrong information provided by

the candidates and further consequences.

Application on IIT Jammu website:

After registering on COAP website, the candidates shall complete the application form on the IIT Jammu website. For admission to M.Tech. Programmes, candidates need to register and fill the online application by accessing the website <https://eg.iitjammu.ac.in/pgapplication>. Only online applications will be accepted

Important Dates:

Start Date of Online Application: **18 March 2022**

Last Date of Online Application: **18 April 2022**

Last date of editing application after submission: **18 April 2022.**

Admission will be through COAP only. For more details kindly visit COAP registration website (<https://coap.iitb.ac.in>) for further details. Institute reserves right to change the any of the above-mentioned dates.

For MSc/MS(R) admissions:

The admissions for the MSc Chemistry and MS (R) Physics will be through the JAM 2022 portal. The detailed procedure for the same is given on the JAM 2022 website (<https://jam.iitr.ac.in/admission-procedure.html>)

Submission of final year mark sheets/provisional certificate of the qualifying degree:

The admission to an M.Tech. Programme will be provisional unless final year mark sheet or transcript, Qualifying degree certificates and other necessary documents are submitted.

- 1) A Qualifying degree certificate/ provisional certificate needs to be submitted at the time of admission.
- 2) If provisional certificate is submitted at the time of admission, the students are required to submit the qualifying degree certificate within 15 days of the commencement of the classes.
- 3) Cases of students who do not submit the certificates after the first semester will be reported to the SPGB for further consideration and decisions/actions.
- 4) No scholarship will be provided to the students until all the required documents along with the final qualifying degree certificate are submitted physically.

Other Important Instructions:

The candidates are advised to read every instruction given in this Information Brochure very carefully before applying online.

- 1) Candidates are requested to apply online only. Hard copy of the application need not be submitted. Physical applications will not be considered.
- 2) The prescribed qualifications and experience are the minimum requirement and the mere fact that a candidate possesses the same will not entitle him/her for being called for test/interview.
- 3) Departments/Centers of the Institute reserve the right to restrict the number of candidates to be called for interview to a reasonable number, based on qualifications and/or experience.
- 4) All the information in application form should be filled carefully. IIT Jammu will not be responsible for wrong entries. Candidates shall be responsible for the correctness and authenticity of the information/ documents provided in the online application.
- 5) Online application submitted by the candidates shall be considered final and binding. Requests for making corrections in the online application shall not be entertained after the last date.
- 6) Online application found incomplete/ incorrect in any form will be summarily rejected. No correspondence /communication will be entertained in this regard.
- 7) Online applications will be scrutinized and relevant documents will be checked/verified for their authenticity.

- 8) The candidates should ensure that they fulfill all the eligibility conditions as specified. Their admission will be purely provisional subject to confirmation that they satisfy the prescribed eligibility conditions. Mere issue of call letters to the candidates will not imply that his/her candidature has been found eligible.
- 9) Students shall be governed by ordinance/ regulations of IIT Jammu in vogue.
- 10) The Institute has the right to cancel, at any stage, the admission for the candidate who is found admitted to a course to which he/she is not entitled, being unqualified or ineligible in accordance with the statutes and regulations in force.
- 11) The Institute reserves the right to verify the antecedents or documents submitted by the candidate at any time during their period of study. In case it is found that the documents submitted by the candidate are not genuine, then his/her admission shall be terminated.
- 12) Merely applying for / being shortlisted/appearing for the interview / written test / or subsequent processes does not imply that a candidate will necessarily be offered admission in IIT Jammu. No request for considering the candidature in the department/programme, other than in which applied through online mode, will be entertained.
- 13) Candidates are advised to fill their correct and active e-mail addresses in the online application as all correspondence will be made by the Institute through e-mail. Test/Interview schedule will be emailed in due course to the candidates in their registered e-mail. Further, please visit the Institute website regularly, for subsequent amendments in the advertisement and results.
- 14) After joining, Hostel and Mess facilities will be provided as per the availability.
- 15) In case of any query please write to pgoffice.acad@iitjammu.ac.in or contact at 0191-2570633.