



भारतीय प्रौद्योगिकी संस्थान रुड़की
Indian Institute of Technology Roorkee

सूचना विवरणिका Information Brochure 2026-27

PG Programme

M.Tech./M.Arch./MURP



APPLY NOW



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Postgraduate Programmes

1.1 Introduction to Postgraduate Academic Programmes

IIT Roorkee offers **58 full time postgraduate programmes** in various disciplines of Engineering, Architecture and Planning, Sciences, Management and Design. Details of M.Arch. / M.Tech. / M.U.R.P. full time programmes (49 nos.) available in different departments/centres/school along with their codes, minimum educational qualifications for admission are given in **Annexure 2**. The curriculum structure of these is given on the Institute website: www.iitr.ac.in

The regulations in force determine the general academic requirements for the above programmes.

The minimum duration of all academic programmes would be four semesters for Full Time candidates and six semesters for Part-Time candidates.

1.2 Dual Degree Programme

The M.Tech./M.Arch./MURP candidates pursuing PG degree in any department/centre/ school of IIT Roorkee are permitted to switch over to Ph.D. Programme after 1st year subject to satisfying eligibility criteria.

Important Dates

March 27, 2026

Application portal opens

April 20, 2026 (05:00 p.m.)

Application portal closed Online

July 11-12, 2026

Admission Registration

July 13-14, 2026*

Document Verification in person

July 16, 2026

Commencement of Classes

* Details are given at point no. 10.4

● Admission Categories

- A. GATE Qualified Candidates
- B. IIT Graduates
- C. Golden Girl Scheme for Female Applicants

● Eligibility Requirements

Indian Candidates

The candidates holding a four-year bachelor's degree or equivalent and meeting the minimum educational qualifications as given in **Annexure 2** are eligible to seek admission to M.Tech./M.Arch./MURP programmes.

4. 1 GATE Qualified Candidates

Candidates of General, Gen-EWS and OBC-NCL category must have secured at least 60% marks or CGPA of 6.00 on a 10 point scale at the qualifying degree level; but for SC/ST/PwD category candidates, this percentage is 55% or 5.50 CGPA on a 10 point scale. The marks awarded for the qualifying degree will be considered for eligibility.

Admission to Postgraduate programmes leading to M.Tech. / M.Arch. / M.U.R.P. degree as given in **Annexure 2**, will be open to the candidates qualified in GATE on the basis of valid Normalized GATE marks in the disciplines. **The normalized GATE marks of different papers will be used to prepare the merit list for programmes of a department. These Normalized GATE marks will be calculated by IIT Roorkee as follows:**

$$\text{Normalized GATE Marks In the Paper} = \frac{\text{Marks Out of 100}}{\text{Maximum Marks Awarded in that Paper in that year}} \times 100$$

Example: Assume marks scored by the candidate is 64 out of 100 in EE Paper, where maximum marks in EE paper of that year is, say, 92. Then normalized GATE marks of the candidate in EE paper will be as follows:-

$$\begin{aligned} \text{Normalized GATE Marks in EE} \\ \text{Paper of the candidate} &= \frac{64}{92} \times 100 = 69.57 \end{aligned}$$

4. 2 IIT Graduates

Direct admission without GATE will be offered to IIT graduates with a minimum CGPA of 8.00 on a 10 point scale. Intake will be supernumerary.

4. 3 Golden Girl Scheme for Female Applicants

Direct admission for female candidates under “Golden Girl Scheme”

- **Eligibility :** **First Rank Holder** (Gold Medallist) female candidates in qualifying degree from an IIT and/or Institute/University within the **Top 50** ranks (**overall** category) in the NIRF in the most recent year.
- **Relaxation :** The requirement of qualifying an All India Level Exam shall be **exempted**. However, all other **MEQs** will be applicable as per the institute policy.
- **Intake :** Intake shall be supernumerary.

1. Appearing candidates in the qualifying degree will not be considered under this scheme.
2. The first rank holder(Gold medalist) certificate must be of the qualifying degree i.e, bachelors/master’s degree(as filled by the candidate in the application form) subject to the fulfilment of MEQ.

Note:

- A four-year BS degree may be considered equivalent to a B.E./B.Tech. degree. Further, IIT graduates with a BS degree who have qualified JEE (Advanced) and secured a CGPA ≥ 8 will be exempted from the GATE requirement.
- Final year students who will be completing all the requirements of their qualifying examination including backpaper(s)/supplementary(ies) before the date of registration may also apply. Such candidates may be admitted provisionally but they will be required to produce the proof of having passed the qualifying degree with the required percentage of marks or CGPA within the stipulated period to be decided by the institute, failing which their admission shall be cancelled.
- A candidate appearing in any part of the qualifying examination including supplementary examination etc. after the date of registration shall not be considered to have qualified for admission in the year 2026-27 and if such a candidate is registered provisionally his/her admission shall be terminated.
- Candidates having AMIE/AMIS/AMIChE/ AMIIM/ Grad IETE, who possess B.Sc. or Diploma in engineering and have at least three years research, teaching or other professional experience at the submission of last date of application acquired in relevant field, are also eligible to apply for admission to M.Tech. courses.



International Candidates

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Candidates holding a bachelor's degree or equivalent in Engineering/Technology/Architecture/Planning/Design and meeting the minimum educational qualifications are eligible to seek admission to M.Tech/M.Arch./MURP programmes.

All International candidates are requested to visit the website of International Relations, IIT Roorkee <https://ir.iitr.ac.in/> for relevant information towards application submission, registration, fee structure, accommodation, etc.

Admission Procedure

6.1 Introduction

Admission to various Postgraduate (PG) academic programmes of the Institute is open to all candidates irrespective of caste, creed and sex including GATE qualified foreign nationals.

All the candidates seeking admission to the PG programmes leading to M.Tech. / M.Arch./M.U.R.P. degree will have to apply online correctly in all respect.

6.2 General Information

- A candidate seeking admission to postgraduate programmes leading to M.Tech./M.Arch./M.U.R.P. degree is allowed to give prioritized preference for a maximum of 14 academic programmes given in **Annexure 2**.

Choices (max. 14) once filled-in in the Application Form shall not be changed/corrected/modified for any reason after submission of online application.

- All the academic rules and regulations of the Institute shall be applicable to the candidates after registration/admission.
- Selected candidates will be offered admission only in one programme depending on their preference and the merit.
- The Institute reserves the right not to run any particular programme, if the number of students in that programme is less than the minimum number specified by the Institute at the time of admission.

All the students have to generally reside in the Institute Campus at Roorkee except those admitted to postgraduate programmes in the Department of Paper and Packaging Technology, Polymer and Process Engineering, Applied Mathematics and Scientific Computing, Saharanpur Campus, who will reside at the Saharanpur Campus of the Institute located about 35 km from Roorkee.

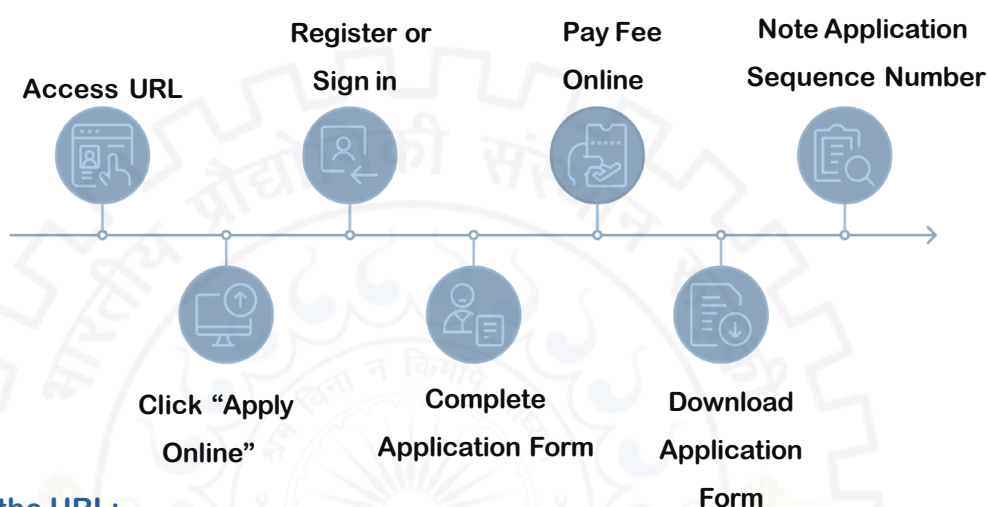
- The Institute reserves the right to change its statutes and regulations relating to academic programmes and the modalities of admission without prior notice.
- Candidates belonging to SC/ST/OBC-NCL/GEN-EWS categories must upload the requisite certificate as applicable from the competent authority along with online Application. Candidates belonging to OBC-NCL & Gen-EWS category must upload the valid category certificate as per GOI issued on or after April 01, 2025.
- Persons with Different Abilities (PwD) candidates must upload the relevant certificate(UDID) issued from a Govt. Medical Board along with the Application. However, such a candidate shall have to appear before a Medical Board duly constituted by IIT Roorkee for this purpose, if needed. The Medical Board will decide the programmes which cannot be offered to a candidate, on the basis of the nature of his/her disability. The candidate will be offered admission out of the remaining programmes as per the Institute policy.
- In matters of interpretation of the provisions or any matter not covered herein this Information Brochure, the decision of the Chairman, Senate IIT Roorkee shall be final and binding on both the parties.

Details of Online Application Submission

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7.1 How to Apply

Before applying, candidates are advised to read the **PG Information Brochure 2026 carefully**. The candidates must follow the following steps while applying online:



- ☐ Access the URL:
<https://iitr.ac.in/Academics/Admission%20To%20M.Tech.M.Arch.M.U.R.P.%20Programmes.html>
- ☐ M.Tech./M.Arch./M.Arch. admissions 2026-2027- Click on “Apply online”
- ☐ “Register New Account” if applying for the first time or “Sign in” if already registered.
- ☐ Complete Application Form.
- ☐ Pay fee online using the option “Proceed for Payment”
- ☐ Download Application Form (Save the pdf copy of the application form. If needed, print out may also be taken. This printout is NOT to be sent to IIT Roorkee. It is only for candidate’s own record purpose)
- ☐ Students will receive one application ID number after submitting the application online. This ID number should be used in all correspondence in future.

Note: Separate applications (with payment) are required for each Admission category

7.2 Documents to be Uploaded

Before applying, candidates are advised to keep ready the scanned copies of following testimonials for uploading (Maximum size of each document: 6 MB):

- Application Photo (in JPG)
- Applicant's Signature (in JPG)
- 10th Marksheet/Certificate (in pdf)
- 12th/Diploma Marksheet(s)/Certificate (in pdf)
- UG all semesters/year Marksheets and UG Degree/ Provisional Certificate (In a single pdf)
- PG all semesters/year Marksheets and Degree/ Provisional Certificate (If applicable) (In a single pdf)
- UDID Card (applicable for PwD candidates) (In pdf)
- SC/ST/OBC-NCL/GEN-EWS Category Certificate (if applicable) (in pdf)
- GATE score card, if applicable.
- Certificate of first rank / Gold medal issued by the Institute/ University (Applicable only for Golden Girl Scheme for females).
- In case of non-availability of any of the certificate, upload an undertaking as per Annexure-1.

7.3 Application Fee (Non-Refundable)

Category	Fee Amount
GEN/GEN-EWS/OBC-NCL	Rs. 500/-
SC/ST/PwD	Rs. 250/-
Female Candidates	Nil
For GATE qualified Foreign candidates	Rs. 1000/-

The requisite fee can be paid online 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.**

Reserved Seats

Seats for candidates belonging to various categories are reserved as per the directives of the Govt. of India.

It will entirely be the responsibility of the candidate to prove his/her eligibility in terms of minimum educational qualifications and for claiming reservation under a specific category, if any, at the time of registration and thereafter.

Scholarships/Assistantship

- Scholarship/Assistantship, as applicable shall be provided to the candidates as per rule.
- There are approved numbers of seats in different programmes for which assistantships are given by the MOE to GATE qualified candidates selected for admission within the sanctioned intake on the basis of valid Normalized GATE marks only. However, the Institute may admit additional eligible (GATE qualified) candidates with assistantship from Govt. agencies like MNRE, **provided the fellowship are approved for concerned department(s), and department(s) agree to admit more than the sanctioned intake.**
- B.Tech. degree holders from any IIT with minimum CGPA of 8.00 on a 10 point scale without GATE are also eligible for MOE assistantship.
- MoE fellowship for Golden Girl Scheme for females will be at par with the Institute's Assistantship.
- Scholarship/Assistantship will not be awarded to those who are in receipt of salary from any source. However, teacher candidates may be granted scholarship / assistantship in addition to the study leave benefits provided that they are not in receipt of any deputation allowance from their employer, in addition to the study leave salary as per norms.
- The continuance of the assistantship/scholarship to a student shall depend upon his/her satisfactory progress report of work, attendance, conduct and the academic performance (SGPA/CGPA), as per Regulations in vogue.
- Under MoU with the Department of Atomic Energy, the candidates qualifying under Department of Atomic Energy Graduate Fellowship Scheme may be admitted to M.Tech. programmes.
- Some foreign scholarships may be available to selected M.Tech. students for doing their dissertation under exchange programmes. More details are available at <https://ir.iitr.ac.in/>

Selection and Admission

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10.1 Basis for selection of admission

Admission will be made strictly in order of merit and the preferences for the programmes given by a candidate in his/her Application. The basis for determining candidate's merit position is given below.

Admission Category	Basis for selection
- GATE qualified candidates - IIT Graduates - Golden Girl Scheme for Females	Valid Normalized GATE marks only CGPA $\geq$ 8 Interview

10.2 Offer of Admission

Admission Category	Issuing of the offer letter
- GATE qualified candidates - IIT Graduates - Golden Girl Scheme for Females	Through Common Offer Acceptance Portal (COAP 2026) Direct offer by IIT Roorkee Direct offer by IIT Roorkee on the basis of recommendation of the concerned Deptt./ Centre/ School.

Procedure for acceptance of offer on COAP 2026 portal (For GATE qualified candidates only):

Offers will be made available on the COAP portal (<https://coap2026.iitr.ac.in/coap2026/>). Candidates are advised to follow the offer acceptance process and the associated guidelines & timeline. The candidates, who accept & freeze their offer, have to make online payment of Institute Fees within the stipulated date and time.

Procedure for Up-gradation of programme choice (for GATE qualified candidates only):

Up-gradation will be done automatically only for higher preferences as filled by the candidate in Application Form on the basis of merit prepared, availability of seats in respective category/programme and the decision taken by the candidate on COAP portal. Once the candidate choose option "Accept and Freeze" on COAP, thereafter no up-gradation will be allowed even if a vacancy exists.

10.3 Fee Structure

The Institute fee structure is available on:

<https://iitr.ac.in/Academics/Institute%20Fees.html> Revised fee structure if any, shall be uploaded accordingly.

10.4 Academic Registration

A system of registration is followed for all the students joining the Institute. The selected candidates will have to register themselves online on the date and time to be intimated to them. After online registration, they are required to report physically for document verification as per the following schedule:

Name of Departments/Centres/School	Date and Venue
• Paper and Packaging Technology • Polymer and Process Engineering • Applied Mathematics & Scientific Computing	July 13, 2026 at IIT Roorkee (Saharanpur Campus)
• All Other Departments/Centres/School	July 14, 2026 at IIT Roorkee (Roorkee Campus)

On completion of document verification process, students should report to the concerned Head of the Department/Centre/ School and submit the joining report. Regular classes will start from July 16, 2026.

10.5 Cancellation of Admission/Programme

The Institute reserves the right to cancel, at any stage, the admission of a candidate admitted to a programme and is later found that he/she is not entitled, being unqualified or ineligible in accordance with the Regulations in vogue, or suspension /termination of programme. In case of cancellation/withdrawn of admission after registration from programme, refund of fee will not be permissible. In such cases only security money will be refunded at the end of the semester. However, incase of withdrawal of admission before registration, the processing fee of Rs. 5000/- will be deducted from the fee deposit by the candidate.

10.6 Matters of Dispute

Disputes, if any, arising out of or relating to any matter whatsoever shall be subject to the exclusive jurisdiction of the Roorkee Courts.

10.7 Ragging

Ragging is banned in the Institute and anyone indulging in ragging is likely to be punished appropriately and the punishment may include expulsion from the institution, suspension from the institution or classes for a limited period, or fine with a public apology. The punishment may also take the shape of:

- a. withholding of scholarships or other benefits,
- b. debarring from representation in events,
- c. withholding of results,
- d. suspension, rustication or expulsion from hostel or mess,
- e. monetary fine etc.

Important Instructions

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- Before applying for IIT Roorkee, GATE qualified candidates in the year 2024, 2025 and 2026 are advised to register on COAP 2026 portal <https://coap2026.iitr.ac.in/coap2026/>
 - The candidates are advised to read each and every instruction given in this Information Brochure very carefully before applying Online.
 - All entries should be carefully made while applying online. IIT Roorkee will not be responsible for wrong entries. Candidates shall be sole responsible for the eligibility, correctness and authenticity of the information/documents provided in the online application.
 - Online application submitted by the candidates shall be considered final and binding. Requests for making correction/modification/change in the online application shall not be entertained.
 - 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, and disciplinary / criminal proceedings will be initiated.
 - No request shall be entertained for accepting the application after the last date. IIT Roorkee will not be responsible for technical error while making the online application / payment of fee.
- Therefore, candidates are advised to submit their application well in advance and not to wait for the last moment.**

- Applications will be scrutinized, relevant documents checked / verified for their authenticity. Candidates are requested to check the information sent by the institute and do the needful, if required. The institute shall not hold the responsibility for the failure of the candidates in timely checking the e-mails/ doing the needful.

All the candidates are requested to mention their operational e-mail ids and contact numbers in the online application form.

- Candidates may seek admission to more than one programme (maximum 14 programmes). A candidate should submit one Application only with one GATE scorecard. However, if the candidate want to apply with another GATE scorecard, a separate application must be filled out with a fresh registration.
- Choices (max. 14) once given shall not be changed at any stage for any reason after submission of Online application form).
- After submitting the Application, admission related enquiries may be made to the provided contact details only. Please note the following:
 1. Subject of the E-mail should be:
“M.Tech. Admission 2026 Query- Name of candidate”
 2. Text matter of the E-mail should consist:
 - (a) Application No. (if allotted)
 - (b) Registered Email-ID
 - (c) Name of the applicant
 - (d) Details of query
- Department specific queries should be addressed to Head of the department of the respective departments/centres/School.
- All the mandatory documents mentioned in 7.2 including final results / provisional degree should be submitted at the time of online Admission Registration or on the last date mentioned for the same in the academic calendar of the Autumn Semester 2026-27. Information to this effect will be available in the IIT Roorkee website. Failure to produce these documents will lead to cancellation of admission without any further notice.
- After admission, a student may be allowed to register for the next semester if he/she has cleared not less than 75% of course credits registered in that semester, and has secured a SGPA of not less than 5.0 at the end of the first semester, and a CGPA of not less than 5.0 at the end of the subsequent semesters. The registration of a student will be terminated and he/she will be asked to leave the programme in case he/she is unable to fulfil the above requirements.

Contact Details

For Application Portal-related queries

Academic Affairs Office (Admission)

Indian Institute of Technology Roorkee

Roorkee-247 667, Uttarakhand, INDIA

For queries, please go through the FAQ. For queries out of FAQ, candidates are advised to contact through email at

E-mail : pgadmission@iitr.ac.in

Website : <https://www.iitr.ac.in>

WhatsApp : [6395059674](https://api.whatsapp.com/send?phone=6395059674)
(message only during working hours)

“IIT Roorkee is committed to nurture and promote diversity and inclusion”

Annexure 1

Undertaking by the applicants for submission of the required certificates towards admission to M. Tech./ M.Arch./MURP Programmes 2026-27

I.....S/o/D/o

R/o (address)

want to apply to pursue my study in M.Tech./M.Arch./MURP programme at IIT Roorkee.

I hereby undertake that I will submit the following required documents:

1.
2.
3.

at the time of registration. In case, I fail to submit the required documents within the due date, or found ineligible or information/certificate found incorrect/false at any stage, the Institute reserves the right to cancel my admission offer and registration.

Signature of the Applicant:

Name of Applicant:

Email:

Annexure 2

Programme wise Minimum Educational Qualification for M.Tech./M.Arch./M.U.R.P. Admission 2026-27

Sl. No	Academic Department/ Centre/ School and (Code)	Academic Programmes		Main Gate Discipline(s) and seats						Other GATE Discipline(s) and seats						PwD	Minimum Educational Qualifications
		Code	Name	GATE Discipline Code	UR	GEN-EWS	OBC	SC	ST	GATE Discipline Code	UR	GEN-EWS	OBC	SC	ST		
1	Architecture and Planning	10	M. Arch.	AR	7	2	4	2	2	-						2	B.Arch. or its equivalent in relevant discipline.
		11	M.U.R.P.	AR	6	1	4	3	1	CE	1	0	1	0	0		B.Arch. or its equivalent in relevant discipline or Bachelor's degree in Civil Engineering/ B.Planning
2	Hydro and Renewable Energy	12	M.Tech. Renewable and Hydro Energy	CE/AG/CH/EE/EC/ME/PI/XE/IN	9	2	6	3	1							1	Bachelor's degree in Civil/Electrical/ Mechanical/ Instrumentation/ Industrial/ Chemical/Electronics/ Computer/ Agricultural/ Environmental Engineering or equivalent in relevant discipline.
		13	M.Tech. Environmental Management of Rivers and Lakes	CE/AG/CH/EE/ME/PI/XE/AR/CY/BT/PH/MA/XL/EY/ES	3	1	2	1	1								Bachelor's degree in Civil/Electrical/ Mechanical/ Industrial/ Chemical/ Agriculture/ Environmental Engineering/ Biotechnology/Arch. /Town Planning or its equivalent in relevant discipline or Master in Science in any subject with Mathematics at graduation level.

Sl. No	Academic Department/ Centre/ School and (Code)	Academic Programmes		Main Gate Discipline(s) and seats						Other GATE Discipline(s) and seats						PwD	Minimum Educational Qualifications
		Code	Name	GATE Discipline Code	UR	GEN-EWS	OBC	SC	ST	GATE Discipline Code	UR	GEN-EWS	OBC	SC	ST		
3	Chemical Engineering	14	M.Tech. Chemical Engineering	CH	20	5	13	8	4	-						3	B.Tech./B.E. in Chemical Engineering/ Chemical Technology/ Allied disciplines
4	Civil Engineering	16	M.Tech. Environmental Engineering	CE	4	1	3	2	1	CH/ES	1	0	1	0	0	4	Bachelor's degree in Civil Engineering/Chemical Engineering/Environmental Engineering or equivalent in relevant discipline.
		17	M.Tech. Geospatial Engineering	CE/GE	5	1	3	2	1	AR/CS/EC/EE /AG/ MN	2	1	2	1	0		Bachelor's degree in Civil Engineering/ Electronics Engineering/Electrical Engineering/ Computer Science/ Information Technology/ Marine Engineering/Mining Engineering/ Agricultural Engineering/ Communication Engineering/Geomatics Engineering/ Architecture or equivalent in relevant discipline /MCA
		18	M.Tech. Geotechnical Engineering	CE	4	1	3	1	1								Bachelor's degree in Civil Engineering/ Infrastructure/ Construction Engineering or equivalent in relevant discipline.
		19	M.Tech. Hydraulic Engineering	CE	3	1	2	1	1								Bachelor's degree in Civil Engineering or equivalent in relevant discipline.
		20	M.Tech. Structural Engineering	CE	10	3	7	4	2	-							Bachelor's degree in Civil Engineering or its equivalent in relevant discipline.
		21	M.Tech. Transportation Engineering	CE	6	1	3	2	1	-							Bachelor's degree in Civil Engineering or its equivalent in relevant discipline.

Sl. No	Academic Department/ Centre/ School and (Code)	Academic Programmes		Main Gate Discipline(s) and seats						Other GATE Discipline(s) and seats						PwD	Minimum Educational Qualifications
		Code	Name	GATE Discipline Code	UR	GEN-EWS	OBC	SC	ST	GATE Discipline Code	UR	GEN-EWS	OBC	SC	ST		
5	Earthquake Engineering	22	M.Tech. Soil Dynamics	CE	5	1	3	2	1	-						2	Bachelor's degree in Civil/Structural Engineering or equivalent in relevant discipline.
		23	M.Tech. Structural Dynamics	CE	9	2	6	4	1	-							Bachelor's degree in Civil/Structural Engineering or equivalent in relevant discipline.
		24	M.Tech. Seismic Vulnerability and Risk Assessment	CE	4	1	3	1	1	-							Bachelor's degree in Civil/Structural Engineering or equivalent in relevant discipline.
6	Electrical Engineering	25	M.Tech. Electric Drives and Power Electronics	EE	6	2	4	2	1	-						4	Bachelor's degree in Electrical Engineering or its equivalent in relevant discipline.
		26	M.Tech. Advanced Instrumentation and Artificial Intelligence	EE	2	1	2	1	1	EC/IN	4	1	2	1	0		Bachelor's degree in Electrical/Electronics and Communication/ Instrumentation Engineering or its equivalent in relevant discipline.
		27	M.Tech. Power System Engineering	EE	6	2	4	2	1	-							Bachelor's degree in Electrical Engineering or its equivalent in relevant discipline.
		28	M.Tech. Systems and Control	EE	5	1	3	2	1	EC/IN	2	1	1	1	0		Bachelor's degree in Electrical Engineering or Electronics and Communication/ Instrumentation Engineering or its equivalent in relevant discipline.
		56	M.Tech. Electric Vehicle Technology	EE	6	2	4	2	1	-							B.Tech Electrical Engineering or equivalent in relevant discipline.

Sl. No	Academic Department/ Centre/ School and (Code)	Academic Programmes		Main Gate Discipline(s) and seats						Other GATE Discipline(s) and seats						PwD	Minimum Educational Qualifications
		Code	Name	GATE Discipline Code	UR	GEN-EWS	OBC	SC	ST	GATE Discipline Code	UR	GEN-EWS	OBC	SC	ST		
7	Electronics and Communication Engineering	29	M.Tech. Communication Network and Signal Processing	EC/EE/IN	4	1	3	1	1	-						3	Bachelor's degree in Electronics and Communication Engineering or its equivalent in relevant discipline.
		30	M.Tech. R.F. and Microwave Engineering	EC/EE/PH/IN	3	1	2	1	1	-							Bachelor's degree in Electronics and Communication Engineering/ Electrical Engineering/ Instrumentation/ Engineering Physics. or its equivalent in relevant discipline.
		31	M.Tech. Microelectronics and VLSI	EC/PH/EE/IN	9	2	6	4	2	-							Bachelor's degree in Electronics and Communication Engineering/ Electrical Engineering/ Instrumentation Engineering or its equivalent in relevant discipline, OR M.Sc. (Physics); M.Sc. (Electronics).
		58	M.Tech. Terahertz Communication and Sensing	EC/PH/EE/IN	3	1	1	1	1								B.E., B.Tech. in ECE, EE, Engineering Physics or equivalent in relevant discipline; OR M.Sc. (Physics), M.Sc. Electronics/ Electronic Science
		59	M.Tech. Semiconductor Technology	EC/PH/EE/IN	5	1	4	2	1								Bachelor's degree in B.Tech. (Electronics and Communication Engineering/ Engineering Physics/ Electrical/ Instrumentation or its equivalent in relevant discipline. OR M.Sc. (Physics/ Electronics/ Applied Physics/ Photonics/ Engineering Physics) or equivalent in relevant discipline.

Sl. No	Academic Department/ Centre/ School and (Code)	Academic Programmes		Main Gate Discipline(s) and seats						Other GATE Discipline(s) and seats						PwD	Minimum Educational Qualifications
		Code	Name	GATE Discipline Code	UR	GEN-EWS	OBC	SC	ST	GATE Discipline Code	UR	GEN-EWS	OBC	SC	ST		
8	Computer Science and Engineering	32	M.Tech. Computer Science and Engineering	CS	15	4	10	5	3	-						2	B.E./B.Tech. degree in Computer Science and Engineering/ Data Science and Artificial Intelligence/ Mathematics and Computing or equivalent in relevant discipline.
9	Hydrology	33	M.Tech. Hydrology	CE/AG	10	2	7	4	1	GE/DA/XE/ GG/PH/ES	2	1	1	0	1	1	Bachelor's degree in Civil/ Agricultural Engineering/ Hydrology/ Geomatics Engineering/ Data Science and Artificial Intelligence/ Environmental Engineering or equivalent in relevant discipline. OR M.Sc./M.Tech. (Master's) degree in Geology/ Geophysics/ Applied Geology/Applied Geophysics/ Physics/ Meteorology/ Geography/ Atmospheric Physics/ Environmental Science with Mathematics in B.Sc. (Bachelor's) course as one of the subjects. OR M.Sc. (Master's) degree in Statistics with Physics or Mathematics at B.Sc. (Bachelor's) level or its equivalent in relevant discipline. OR M.Sc. degree in Mathematics with Physics in B.Sc. or its equivalent in relevant discipline . OR AMIE (Civil) with B.Sc. or Engineering Diploma qualifications with at least 3 years research/teaching /other professional experience in responsible capacities

Sl. No	Academic Department/ Centre/ School and (Code)	Academic Programmes		Main Gate Discipline(s) and seats						Other GATE Discipline(s) and seats						PwD	Minimum Educational Qualifications
		Code	Name	GATE Discipline Code	UR	GEN-EWS	OBC	SC	ST	GATE Discipline Code	UR	GEN-EWS	OBC	SC	ST		
11	Mechanical and Industrial Engineering*	34	M.Tech. Mechanical and Industrial Engineering	ME/PI/AE	26	6	17	10	5							3	Bachelor's degree in Mechanical/ Industrial/ Production Engineering/ Mechatronics/Aerospace Engineering, Manufacturing Engineering or its equivalent in relevant discipline.
* Students will be admitted in M.Tech. Mechanical and Industrial Engineering After 1st semester, students have option to choose the following specializations, subject to fulfilling the eligibility criteria decided by the department: a. Robotics and Automation; b. Mechanical System Design; c. Production and Industrial Systems Engineering; d. Fluid and Thermal Engineering; e. Additive and Joining Technologies																	
12	Metallurgical and Materials Engineering	39	M.Tech. Industrial Metallurgy	MT/AE/BT/CH /CY/ES/ME/ MN/PH/PI/ TF/XE	3	1	1	1	1	-						1	B.Tech. degree in Metallurgy/ Materials/ Mechanical/Production / Mining/ Chemical/ Biotechnology/ Ceramics/ Polymer/ Textile/ Aerospace Engineering or equivalent in relevant discipline. OR M.Sc. degree in Physics/ Chemistry/ Materials Science/ Environmental/ Nanotechnology or equivalent in relevant discipline.

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		Code	Name	GATE Discipline Code	UR	GEN-EWS	OBC	SC	ST	GATE Discipline Code	UR	GEN-EWS	OBC	SC	ST		
		40	M.Tech. Materials Engineering	MT/AE/BT/CH/CY/ES/ME/MN/PH/PI/TF/XE	3	1	1	1	1								B.Tech. degree in Metallurgy/ Materials / Mechanical/ Mining/ Production/ Chemical/ Biotechnology/ Ceramics/ Polymer/ Textile/ Aerospace Engineering or equivalent in relevant discipline. OR M.Sc. degree in Physics/ Chemistry/ Materials Science/ Environmental/ Nanotechnology or equivalent in relevant discipline.
		62	M.Tech. Computational Materials Engineering	MT/AE/BT/CH/CS/CY/DA/ES/ ME/ MN/ PH/PI/ TF /XE	6	2	4	2	1	-							B.Tech. Degree in Metallurgy/ Materials/ Mechanical/ Production / Mining/ Computer Science/ Chemical/ Biotechnology/ Ceramics / Polymer/ Textile/ Aerospace Engineering or equivalent in relevant discipline. OR M.Sc. degree in Physics/ Chemistry/ Materials Science/ Environmental/ Nanotechnology or equivalent.

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13	Paper and Packaging Technology Saharanpur Campus	41	M.Tech. Pulp and Paper Technology	CH/ME/ES/ BT/TF/XE/XL/ AG/PE/PI/EY	4	1	3	2	1							1	Bachelor's degree in Pulp and Paper Engineering/ Chemical Engineering/ Mechanical Engineering/ Polymer Engineering/ Cellulose Technology/ Biotechnology/ Environmental Engineering Textile and Fibre Engineering/ Production and Industrial Engineering/ Agricultural Engineering/ or equivalent in relevant discipline. Note: The two years post B.Sc. diploma awarded by the IPT/ DPT plus a minimum of two years relevant experience in Industry/ Research Organization will be considered equivalent to a B.Tech./B.E. degree
		42	M.Tech. Packaging Technology	CH/ME/ES/ BT/TF/XE/XL/ AG/PE/PI/EY /CY	3	1	2	1	1								M.Sc. in Chemistry (PCM at B.Sc. level)/ Polymer Science (PCM at B.Sc. level) OR B.Tech. in Pulp and Paper Technology / Biotechnology/ Chemical Engineering Chemical Technology/ Polymer Engineering/ Process Engineering/ Mechanical Engineering/ Production Engineering/ Packaging Tech. / Printing Technology/ Textile Technology/Agricultural Engineering/ PG Diploma in Packaging/ Biochemical Engineering.

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14	Water Resources Development and Management	43	M.Tech. Irrigation Water Management	CE/AG	4	1	3	1	1	-						2	Bachelor's degree in Civil Engineering or its equivalent in relevant discipline / Agricultural Engineering OR M.Sc. Agriculture in Agronomy, Soil Science, Agrometeorology, with Mathematics as one of the papers at the level of B.Sc./B.Sc. Agriculture.
		44	M.Tech. Water Resources Development	CE	3	1	2	1	0	EE/ME	2	0	2	1	1		Bachelor's degree in Civil/ Electrical/ Mechanical or equivalent in relevant discipline.
		45	M.Tech. Drinking Water and Sanitation	CE/AG/ES/AR/CH/ME	4	1	3	1	1	-							Bachelor's degree in Engineering in any one of the following – Civil/ Environmental/ Mechanical/ Agricultural/ Chemical/ B.Arch. and Planning or equivalent in relevant discipline.
15	Physics	46	M.Tech. Solid State Electronic Technology	PH/EE/EC/MT	2	1	2	1	1							1	B.Tech. (Engineering Physics)/M.Sc. (Physics)/ Bachelor's degree in Electrical/ Electronics/ Metallurgical Engineering or its equivalent in relevant discipline.
		47	M.Tech. Photonics	PH/EE/EC/MT/IN	2	1	2	1	1								M.Sc. (Physics/ Electronics/ Applied Physics/ Photonics/ Engineering Physics), B.Tech. (Engineering Physics/ Electronics/ Communication/ Electrical Instrumentation/ materials/ Metallurgy/Nanotechnology)

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		Code	Name	GATE Discipline Code	UR	GEN-EWS	OBC	SC	ST	GATE Discipline Code	UR	GEN-EWS	OBC	SC	ST		
16	Nanotechnology	48	M.Tech. Nanoscience and Nanotechnology	AE/AG/BM/ BT/CE/CH /CY/EC/EE /ES/ IN/ME/ MN /MT/NM/ PH/ PI/XE/XL	4	1	2	1	1							1	B.Tech. (Met. and Mat. Engineering/ Mechanical Engineering/ EandC/ Electronics/ Electrical/ Chemical Engineering/ Biotechnology/ Civil/ Biochemical Engineering/ Biomedical Engineering/ Bioengineering/ Polymer Engineering/ Polymer Technology/ Pharmaceutical Technology/ Industrial Biotechnology/ Nanotechnology) or equivalent in relevant discipline; OR M.Sc. (Physics/ Chemistry/ Biotechnology/ Life Science/ nanotechnology), with Maths at 10+2 or higher level.

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		Code	Name	GATE Discipline Code	UR	GEN-EWS	OBC	SC	ST	GATE Discipline Code	UR	GEN-EWS	OBC	SC	ST		
17	Disaster Mitigation and Management	49	M.Tech. Disaster Mitigation and Management	CE/GE	2	1	1	1	1	ME/PI/CS/CH/AR/GG/PH/MA/XL/XE/EY/BT	4	0	3	1	0	1	B.Tech. (Civil, Structural, Mechanical, Industrial, Chemical Engineering and Biotechnology /Computer Science and Engineering or equivalent in relevant discipline; OR B.Arch. and B. Planning, OR M.Tech. in Geological Technology and Geophysical Technology or equivalent in relevant discipline, OR M.B.A.; M.C.A.; M.Sc. in Physics/ Geophysics/ Geology/ Mathematics, Computer Science, Environmental Sciences, or equivalent in relevant discipline (with Maths in B.Sc.).

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		Code	Name	GATE Discipline Code	UR	GEN-EWS	OBC	SC	ST	GATE Discipline Code	UR	GEN-EWS	OBC	SC	ST		
18	Transportation Systems	50	M.Tech. Transportation Systems Management	CE/AR/CS/GE/ME/PI/BT/CH/DA/EC/EE/ES/IN/NM/XE/XH/PE/AE	6	2	4	2	1							1	B.E./B.Tech. (Civil/ Geomatics Engineering/ Mechanical and Industrial/ Electrical/ Chemical Engineering/ Electronics and Communication Engineering/ Computer Science and Information Technology/ Artificial Intelligence and Data Science/Environmental Science/Naval Architecture and marine Engineering/Aerospace Engineering/B.Arch./ B.Planning/B.Design/ Automobile Engineering/Mechatronics Engineering or equivalent in relevant discipline.
19	Biosciences and Bioengineering	51	M.Tech. Biomanufacturing	BT/XE/CH/CS/ME/ES	6	2	4	2	1	-						2	B.E./B.Tech. or equivalent (4-year program) in any engineering discipline with mathematics in class 12 th standard exam.
		61	M.Tech. Structural and Computational Biology	CS/DA/BM/BT/XL/MA/PH/XE	6	2	4	2	1	-							B.E. / B.Tech. or equivalent (4-year program) in any engineering discipline with mathematics in class 12 th standard. or Masters in any discipline with mathematics in class 12 th standard.

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20	Polymer and Process Engineering Saharanpur Campus	52	M.Tech. Polymer Science and Engineering	CH/XE	4	1	2	1	1	CY/ME/PE/PI/TF/MT/PH	5	1	4	2	1	1	Bachelor's degree in Polymer Science and Engineering/ Material Science and Engineering/ Chemical Engineering/ Mechanical Engineering/ Textile and Fibre Technology or equivalent in relevant discipline OR M.Sc. Chemistry/ Physics with Mathematics at bachelors level
21	Mehta Family School of Data Science and Artificial Intelligence	53	M.Tech. Artificial Intelligence	CS/EC/EE	6	1	4	2	1	MA/CE/IN/ME/PH/ST/GE/DA	2	1	1	1	1	2	B.E./B.Tech. or equivalent degree in any Engineering Discipline or Integrated M.Sc. (5 years) or equivalent degree in any Engineering Science or relevant discipline
		54	M.Tech. Data Science	CS/EC/EE/MA/CE/ME/ST/DA	6	1	4	2	1	AE/BM/BT/CH/MT/GE/IN/PH/PI	2	1	2	1	0		B.E./B.Tech. or equivalent degree in any Engineering Discipline or Integrated M.Sc. (5 years) or equivalent degree in any Engineering Science or relevant discipline
10	International Centre of Excellence for DAMS	55	M.Tech. Dam Safety and Rehabilitation	CE	5	1	3	2	1	-						1	B.Tech./B.E. or equivalent degree in Civil Engineering

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22	Applied Mathematics and Scientific Computing Saharanpur Campus	57	M.Tech. Applied Mathematics and Scientific Computing	MA/ST/CS/EE/EC/XE/DA	8	2	5	3	2	-						1	B.E/B.Tech. or equivalent degree in Computer Science/ Electrical/ Electronics and Communication Engineering/ Data Science / Artificial Intelligence or equivalent in relevant discipline. OR M.Sc./Integrated M.Sc or equivalent degree in mathematics/ statistics/ operations research/ Data Science / Artificial Intelligence or equivalent in relevant discipline.
23	Centre for Space Science and Technology	60	M.Tech. Space Science and Technology	EC/PH/CY/MA/AE/ME/PI/EE/MT/CE/ GG	6	2	4	2	1	-						1	Four-year Bachelor's degree or five-year integrated degree in Electronics and Communication/Electronics/ Engineering Physics/ Aerospace Engineering/ Mechanical Engineering /Production and Industrial Engineering/ Electrical Engineering/ Instrumentation Engineering/ Metallurgical and Materials Engineering /Civil Engineering/ Geophysical technology/ Geological technology OR M.Sc. in Physics/ Electronics/ Atmospheric Science / Chemistry/ Mathematics/ Earth Sciences (Geology/ Applied Geology/ Geophysics) with Mathematics at graduation level

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	Centre for Sustainable Energy	63	M.Tech. Sustainable Energy Engineering	AE/AG/AR/ BM/BT/CE/ CH/CS/CY/ DA/ EC/EE/ ES/ EY/GE/ GG/ IN/MA/ ME /MN/MT /NM/PE/PH/ PI/ST/TF/XE/ XH/XL	6	2	4	2	1							1	B.Tech./BE degree in Engineering Physics, Mechanical, Electronics and Communication, Materials Science and Engineering, Computer Science, Electrical, Chemical, Nanotechnology, Biotechnology or allied engineering disciplines OR M.Sc. in Physics, Chemistry, Bioscience (or equivalent)

Note: PwD seats reservations are horizontal, and the allotted seat shall be deducted from the respective category. In the absence of eligible PwD candidates in the merit list, the seat will revert to and be filled by a candidate from the same category.