



INTERNSHIP PROFORMA 2024-25

STUDENTS' PLACEMENT OFFICE
INDIAN INSTITUTE OF TECHNOLOGY, KANPUR

Eligibility Matrix

	BT/BS/ Double Major	MT/ MSc/ MS(Research)	Dual Degree	MDes	MBA	PhD
Aerospace Engineering	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	-	<input type="checkbox"/>
Biological Sciences and Bioengineering	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	-	<input type="checkbox"/>
Civil Engineering	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	-	<input type="checkbox"/>
Chemical Engineering	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	-	<input type="checkbox"/>
Cognitive Science	-	<input type="checkbox"/>	-	-	-	<input type="checkbox"/>
Computer Science and Engineering	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	-	<input type="checkbox"/>
Electrical Engineering	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	-	<input type="checkbox"/>
Earth Sciences	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	-	<input type="checkbox"/>
Mechanical Engineering	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	-	<input type="checkbox"/>
Materials Science and Engineering	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	-	<input type="checkbox"/>
Physics	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	-	<input type="checkbox"/>
Chemistry	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	-	<input type="checkbox"/>
Mathematics and Scientific Computing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	-	<input type="checkbox"/>
Economics	<input type="checkbox"/>	-	<input type="checkbox"/>	-	-	<input type="checkbox"/>
Design Program	-	-	<input type="checkbox"/>	<input type="checkbox"/>	-	<input type="checkbox"/>
Industrial Management and Engineering	-	<input type="checkbox"/>	<input type="checkbox"/>	-	<input type="checkbox"/>	<input type="checkbox"/>
Cognitive Sciences	-	<input type="checkbox"/>	-	-	-	<input type="checkbox"/>
Humanities and Social Sciences	-	-	-	-	-	<input type="checkbox"/>
Environmental Engineering and Management	-	<input type="checkbox"/>	<input type="checkbox"/>	-	-	<input type="checkbox"/>
Materials Science Program	-	<input type="checkbox"/>	-	-	-	<input type="checkbox"/>
Nuclear Engineering and Technology	-	<input type="checkbox"/>	<input type="checkbox"/>	-	-	<input type="checkbox"/>
Photonics Science and Engineering	-	<input type="checkbox"/>	<input type="checkbox"/>	-	-	<input type="checkbox"/>
Statistics	-	<input type="checkbox"/>	-	-	-	<input type="checkbox"/>

For details about programs, kindly scroll to the end of the document.

Compensation Details

Program	Stipend (INR per month)	Accommodation	Travel	Any other Additional perks
BTech/BS				
MTech/MSc/MS(Research)				
Dual Degree				
MDes				
MBA				
PhD				

Hiring Process

S.No	Stage Name	Duration (in mins)	No. of Rounds	Mode (Online/ Offline)	Other Details (If any)

Please send completed form with attachments to: phdplacement@iitk.ac.in

Postal Address:

Chairman, Students' Placement Office
109, OUTREACH' building
IIT Kanpur
Kanpur– 208016, U.P. (India)
Tel: +91-0512-2594433/2594434 (O)
Fax: +91-0512-2594434

Details of Academic Programs

Types of Undergraduate programs offered:

1. **BTech (Bachelor of Technology)**

- Selection through IIT-JEE (Joint Entrance Examination)
- Science based education with 15-17 core courses, 10-12 open electives and 15-18 departmental courses
- Core courses include basic courses in Coding, Mathematics, Physics, Mathematics, and Engineering.
- Electives vary over a range of Humanities courses, Science Electives, Management and Economics courses
- The curriculum also includes a two-semester BTech Project which aims at inculcating a sense of original research and exposure to ongoing technology in the field
- The students can also upgrade to a Double Major or an Interdepartmental Dual or avail of an optional minor in another department.

2. **BS (4-year Degree):**

- Selection through JEE (Joint Entrance Examination)
- The curriculum aims at developing the basic knowledge of Sciences, Engineering and specializing over the field
- The curriculum is similar to that of the BTech programme.
- The degree also involves an undergraduate project to be done under the guidance of a faculty-member.
- The students can also upgrade to a Double Major or an Interdepartmental Dual or avail of an optional minor in another department.

3. **Dual (BTech and MTech/BS and MS):**

- Selection through JEE (Joint Entrance Examination)
- This is a unique program of IIT Kanpur in which students achieve BTech/BS and MTech/MS degree in 10 Semesters
- The curriculum, in addition to the courses of the BTech/BS program, also includes 5-7 post-graduate courses
- Beside these courses, students also need to complete a thesis which spreads over a period of a year and a half in a specialization of their choosing within the department.
- Students are allowed to pursue MTech/MS in a department different from their parent department

4. **Double Major:** Student completes all the departmental core courses of 2 majors, one in their parent department and the second in any other department of their choice, in duration of 5 years. On successful completion of these core courses, the student has comprehensive knowledge required to understand both departments in depth, and hence receives a double major from the institute.

For Example: BTech in Electrical Engineering with second major in Computer Science and Engineering

5. **Minor:** Students take minors to gain specialization in a specific field of a department, different from the parent department, which helps in instilling logical ability and foundation knowledge towards the field.

For Example: BTech in Electrical Engineering with a minor in Management

Types of Postgraduate programs offered:

6. MTech:

- Admission through GATE (Graduate Aptitude Test in Engineering), followed by a written test and/or an interview on campus
- The MTech program comprises of a mixture of one and a half years of research work and about 8-9 core post-graduate courses to develop a theoretical base.

7. MS (Research):

- Admission based on GATE/CSIR-NET and BTech/MSc score, followed by a written test and/ or an interview on campus
- Students must complete a minimum of four courses in the area chosen in consultation with the thesis advisor
- Followed with course work, the student is expected to do research work leading to a thesis. Focus on research provides in-depth knowledge to the student.

8. MSc (2 year):

- Admission through JAM (Joint Admission Test)
- The curriculum aims at developing the advanced knowledge of Sciences, Engineering and specializing over the field
- The degree also involves a yearlong MSc Project to be done under the guidance of a faculty-member.

9. MS Cognitive Science (2/3 year):

- Admission through COGJET (Cognitive Science Joint Entrance Test)
- The curriculum aims at developing the advanced knowledge of Sciences, Engineering and specializing over the field
- The degree also involves a yearlong M.Sc. Project to be done under the guidance of a faculty-member.

10. MBA:

- Admission through CAT (Common Admission Test), followed by a written test and/or an interview.
- This four-semester course aims at combining engineering know-how with Management education.
- Students from various fields of engineering with lot of work experience help each other to develop and grow managerial skills.

11. MDes:

- Admission through CEED (Common Entrance Examination for Design) and GATE.
- This is also a four-semester program helping students to specialize in Product Design, Engineering Design, And Visual Communication courses.
- The curriculum reflects a balance of knowledge building related to design principles and methodology, technology, aesthetics, materials, management, and power of abstraction.