



JOB ANNOUNCEMENT FORM 2019-20

STUDENTS' PLACEMENT OFFICE
INDIAN INSTITUTE OF TECHNOLOGY KANPUR

| | |
|--|--|
| Name of the Company | |
| Nature of Business | |
| Company Website | |
| Job Designation | |
| Tentative Job Location | |
| Tentative Number of Hires | |
| Job Description & Skills Required | |

Selection Process

1. **Shortlist from Resumes (Yes/NO)**

- If yes, specify the criteria below:

2. **Further rounds for the shortlisted students**

| | Yes/No | Duration | Number of Rounds |
|----------------------------|--------|----------|------------------|
| Aptitude Test | | | |
| Technical Test | | | |
| Group Discussion | | | |
| Technical Interview | | | |
| HR Interview | | | |

Eligibility Table

(Check if applicable)

| | All Programs | B.Tech/BS/ Double Major | Dual Degree (B.Tech + M.Tech/B.S. + M.S.) | M.Tech/ M.Sc/MS(Research) | MBA | PhD |
|---|--------------------------|----------------------------|--|----------------------------------|--------------------------|--------------------------|
| All Departments | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| Aerospace Engineering | <input type="checkbox"/> | <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"/> | | <input type="checkbox"/> |
| Chemical Engineering | <input type="checkbox"/> | <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"/> | | <input type="checkbox"/> |
| Cognitive Sciences | <input type="checkbox"/> | | | <input type="checkbox"/> | | <input type="checkbox"/> |
| Computer Science and Engineering | <input type="checkbox"/> | <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"/> | | <input type="checkbox"/> |
| Materials Science and Engineering | <input type="checkbox"/> | <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"/> | | <input type="checkbox"/> |
| Chemistry | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> |
| Economics | <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"/> | | <input type="checkbox"/> |
| Physics | <input type="checkbox"/> | <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"/> |
| Environmental Engineering and Management | <input type="checkbox"/> | | | <input type="checkbox"/> | | |
| Design Program (M.Des) | <input type="checkbox"/> | | | <input type="checkbox"/> | | |
| Industrial Management and Engineering | <input type="checkbox"/> | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Materials Science Program | <input type="checkbox"/> | | | <input type="checkbox"/> | | <input type="checkbox"/> |
| Nuclear Engineering and Technology | <input type="checkbox"/> | | | <input type="checkbox"/> | | <input type="checkbox"/> |
| Photonics Science and Engineering Program | <input type="checkbox"/> | | | <input type="checkbox"/> | | <input type="checkbox"/> |
| Statistics | <input type="checkbox"/> | | | <input type="checkbox"/> | | <input type="checkbox"/> |

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

Salary Details (*In lacs per annum)

| Program | Basic | HRA | Others | Take Home | Cost to Company |
|--|-------|-----|--------|-----------|-----------------|
| B.Tech/BS | | | | | |
| M.Tech/MS/MS(Research) | | | | | |
| Dual Degree (B.Tech+M.Tech/B.S+M.S) | | | | | |
| M.Des | | | | | |
| MBA | | | | | |
| PhD | | | | | |

Please provide a detailed breakup of the salary/perks below or as an attachment to mail below.

Bonds/ Contracts and Medical Requirements

1. Is there a service bond/contract (Yes/No)?

If yes, what will be the duration, amount and stipulated conditions?

2. Medical Requirements:

Contact Details

| | |
|------------------|--|
| Contact Person | |
| Designation | |
| Office Address | |
| Mobile Number | |
| Telephone Number | |
| Fax | |
| Email Id | |

Please send completed form with attachments to: spo@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. B.Tech (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 B.Tech 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. **B.S. (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 B.Tech 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 (B.Tech and M.Tech/B.S. and M.S.):**

- Selection through JEE (Joint Entrance Examination)
- This is a unique program of IIT Kanpur in which students achieve B.Tech/B.S. and M.Tech/M.S. degree in 10 Semesters
- The curriculum, in addition to the courses of the B.Tech/B.S. 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 M.Tech/M.S. 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.

e.g. B.Tech 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.

e.g. B.Tech in Electrical Engineering with a minor in Management

Types of Post Graduate Programs:

6. **M.Tech:**

- Admission through GATE (Graduate Aptitude Test in Engineering), followed by a written test and/or an interview on campus
- The M.Tech 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. **M S (Research):**

- Admission on the basis of GATE/CSIR-NET and B.Tech/M.Sc score, followed by a written test and/ or an interview on campus
- Student have to 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. M.Sc. (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 M.Sc. Project to be done under the guidance of a faculty-member.

9. M.S. 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 year long 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. M.Des:

- 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.