

JOB ANNOUNCEMENT FORM

2021-22

STUDENTS’ PLACEMENT OFFICE

INDIAN INSTITUTE OF TECHNOLOGY KANPUR

**Company Information**

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| --- | --- |
| **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:**

If applicable, specify the criteria below:

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

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

**Eligibility Table**

(Check if applicable)

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| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **All Programs** | **BTech/BS/ Double Major** | **Dual Degree** | **MTech/MSc/ MS(Research)** | **MDes** | **MBA** | **PhD** |
| **All Departments** |  |  |  |  |  |  |  |
| **Aerospace Engineering** |  |  |  |  |  |  |  |
| **Biological Sciences and Bioengineering** |  |  |  |  |  |  |  |
| **Chemical Engineering** |  |  |  |  |  |  |  |
| **Civil Engineering** |  |  |  |  |  |  |  |
| **Computer Science and Engineering** |  |  |  |  |  |  |  |
| **Electrical Engineering** |  |  |  |  |  |  |  |
| **Materials Science and Engineering** |  |  |  |  |  |  |  |
| **Mechanical Engineering** |  |  |  |  |  |  |  |
| **Chemistry** |  |  |  |  |  |  |  |
| **Economics** |  |  |  |  |  |  |  |
| **Earth Sciences** |  |  |  |  |  |  |  |
| **Mathematics and Scientific Computing** |  |  |  |  |  |  |  |
| **Physics** |  |  |  |  |  |  |  |
| **Cognitive Sciences** |  |  |  |  |  |  |  |
| **Design Program** |  |  |  |  |  |  |  |
| **Environmental Engineering and Management** |  |  |  |  |  |  |  |
| **Industrial Management and Engineering** |  |  |  |  |  |  |  |
| **Materials Science Program** |  |  |  |  |  |  |  |
| **Nuclear Engineering and Technology** |  |  |  |  |  |  |  |
| **Photonics Science and Engineering** |  |  |  |  |  |  |  |
| **Statistics** |  |  |  |  |  |  |  |
| **Humanities and Social Sciences** |  |  |  |  |  |  |  |

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

**Salary Details (\*In lacs per annum)**

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| --- | --- | --- | --- | --- | --- |
| **Program** | **Basic** | **HRA** | **Others** | **Take Home** | **Cost to Company** |
| **BTech/BS** |  |  |  |  |  |
| **MTech/MSc/MS(Research)** |  |  |  |  |  |
| **Dual Degree (BTech+MTech/BS+MS)** |  |  |  |  |  |
| **MDes** |  |  |  |  |  |
| **MBA** |  |  |  |  |  |
| **PhD** |  |  |  |  |  |

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

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**Bonds/ Contracts and Medical Requirements**

* + - 1. **Is there a service bond/contract?**

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

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* + - 1. **Medical Requirements:**

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**Contact Details**

|  |  |
| --- | --- |
| **Contact Person** |  |
| **Designation** |  |
| **Office Address** |  |
| **Mobile Number** |  |
| **Telephone Number** |  |
| **Email ID** |  |

**Please send completed form with attachments to:** [**spo@iitk.ac.in**](mailto:spo@iitk.ac.in)

**Postal Address:**

Chairman, Students’ Placement Office

109, Outreach building

IIT Kanpur

Kanpur - 208016, UP (India)

Tel: +91-512-2594433/2594434 (O)

Fax: +91-512-2594434

**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.

1. **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.

1. **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

1. **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

1. **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:**

1. **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.

1. **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.

1. **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.

1. **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.

1. **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.

1. **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.