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INTERNSHIP PROFORMA

2022-23

STUDENTS’ PLACEMENT OFFICE

INDIAN INSTITUTE OF TECHNOLOGY, KANPUR

|  |  |
| --- | --- |
| **Company Information** | |
| **Company Name** |  |
| **Website** |  |
| **Nature of Business** |  |
| **Category** |  |

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| --- | --- | --- | --- |
| **Contact Details** | | | |
|  | **Head HR** | **POC 1** | **POC 2** |
| **Contact Person** |  |  |  |
| **Designation** |  |  |  |
| **Office Address** |  |  |  |
| **Mobile Number** |  |  |  |
| **Telephone Number** |  |  |  |
| **Email Id** |  |  |  |

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| **Internship Details** | |
| **Intern Designation** |  |
| **Sector** |  |
| **Tentative no. of Hires** |  |
| **Duration of Internship** | 2 Months |
| **Tentative Joining Date** | 1st week of May, 2023 |
| **Tentative Location** |  |
| **Internship Description and Skills Required** |  |

**Eligibility Matrix**

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

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**

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

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.