



Student Placement Office

Indian Institute of Technology, Kanpur



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Directors Note

Since the advent of this great institution, IIT Kanpur has a vision to provide quality technical education and act as a rostrum for scientific research, and a mission to develop human potential to its greatest degree, and in accordance with this vision, IIT Kanpur has maintained an exemplary share of contribution to this world. Recent years have witnessed the emergence of IITK as a top technological institute in India. The students of IITK are cherry picked group. They have been chosen through a process that makes IITK the toughest institute to get an admission to. Today IITK is considered a global brand and in acquiring this position, the major contribution has come from our alumni. The students come from varied educational and cultural backgrounds. The programs are designed to instill innovation, leadership, team work and global focus into its participants. Be it the core engineering, research and teaching, consulting and investment banking, IT and ITES, or administrative and social sectors, our alumni have excelled in each and every field. They really have made us proud!

IITK has an excellent recruitment record. The graduates and post graduates of IITK have been selected by some of the world's leading corporation, besides most of the leading Indian corporations. The exposure provided at this place trains not just for technological superiority, but also for an overall understanding of the world. The undergraduate and post graduate programs are continuously monitored and frequently revised to incorporate cutting edge technological theories and practice. Latest technologies are employed for effective delivery and the curriculum emphasizes practice orientation. Exchange program with leading technical institutes around the world expose the students to management thought and practice in different national environments and cultures. We have to benchmark ourselves on the global scale with the best technical institution.

I heartily welcome both the recruiters and our graduating students to come to this platform and get the best out of each other. Through this, I offer a special invitation to all organizations and corporations! Do come to the campus and test our raw young talents. I hope that firms and our students will create synergies like never before. We will be happy to receive your suggestions to further improve the process of recruitment.

Let it be my privilege to welcome you to the world of IIT Kanpur.

Prof. Sanjay Govind Dhande
Director, IIT Kanpur



Maximum number of Research patents in the country every year are from IIT Kanpur.

The Guinness Book Record for Rubik Cube solving

Info at: <https://www.facebook.com/media/set/?set=a.391367907540488.103938.230130256997588&type=3>)

IIT-Kanpur is the first institute in the country to provide air connectivity between IIT Kanpur and Lucknow.



Highlights

of IIT Kanpur

IIT Kanpur sets up 500 KW solar power plant to light up surrounding areas.

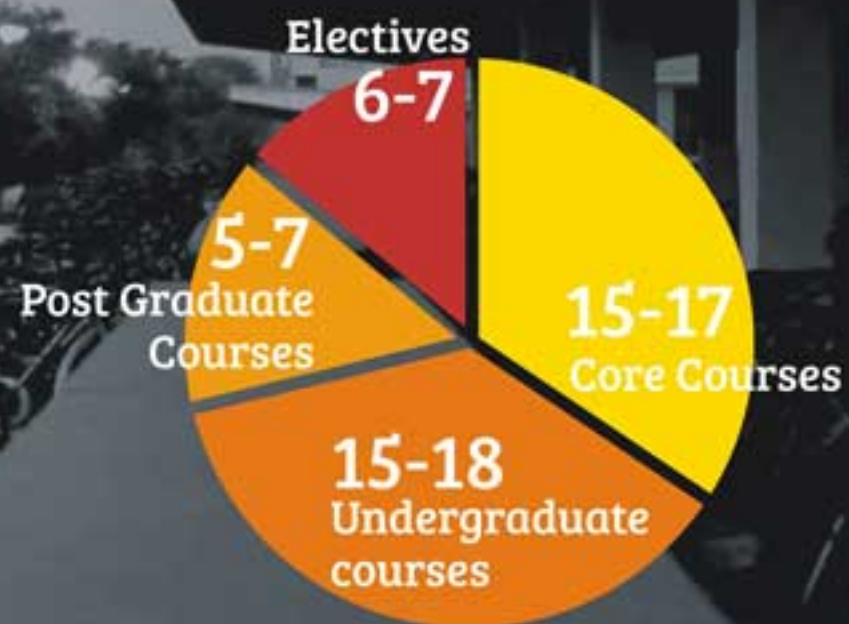
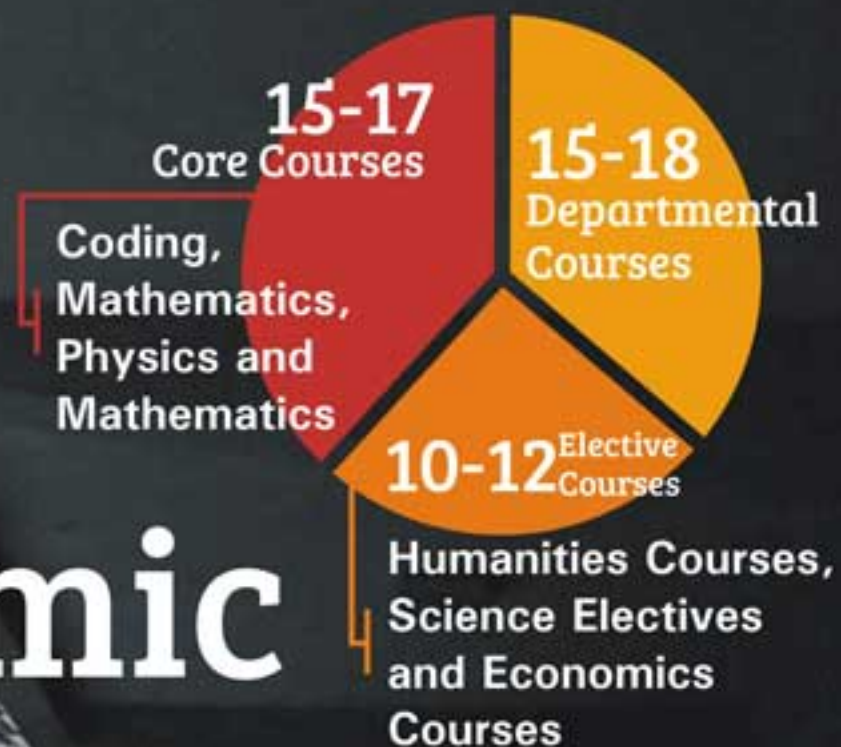
Civilian awards of Padma Bhushan and Padma Shree awards to alumni.

IIT Kanpur's indigenous Nano Satellite Project 'Jugnu' makes news with successful launch in space (2011).

Part of the prestigious 3i network along with IIM Ahmedabad and IDFC. Aimed to enhance the intellectual capital in the infrastructure sectors by bringing together academia and the policy makers, professionals and practitioners.



Academic Program



Undergraduate Program

Btech

Selection through JEE

Offered in Eight Fields of Engineering.

- Aerospace Engineering
- Biological Sciences and Bioengineering
- Civil Engineering
- Chemical Engineering
- Computer Science Engineering
- Electrical Engineering
- Materials and Metallurgical Engineering
- Mechanical Engineering

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 field.

Dual (B.Tech. and M.tech.)

Offered in Six Fields of Engineering

- Aerospace Engineering
- Civil Engineering
- Chemical Engineering
- Computer Science Engineering
- Electrical Engineering
- Mechanical Engineering

This is a unique program of IITK in which students achieve BTech and MTech degree in 10 semesters.

Beside these courses students also need to complete their thesis which is spread over a period of a year and a half. They need to do thesis in their area of specialization in field of engineering.

Undergraduate Program

MSc. (5 year Integrated Degree)

This is also a 10 semester program offered in four fields

- Chemistry
- Economics
- Physics
- Mathematics and Scientific Computing

The curriculum aims at developing the basic knowledge of Sciences, Engineering and specializing over the field.

Degree also involves a year long MSc. Project to be done under the guidance of a faculty.

Post-Graduate Program

M.Tech.

Admission through Gate exam followed by a written test or an interview in Campus.

M.Tech. Engineering is offered in nine core fields and four interdisciplinary fields

Core Fields

- Aerospace Engineering.
- Biological Sciences and Bioengineering
- Civil Engineering
- Chemical Engineering
- Computer Science Engineering
- Electrical Engineering
- Materials and Metallurgical Engineering.
- Mechanical Engineering
- Industrial & Management Engineering

Interdisciplinary Fields

- Environment Engineering and management
- Laser Technology
- Materials Sciences
- Nuclear Engineering Technology

M.Tech. Program comprises of mixture of a year and a half of research work and about 8-9 core courses to develop a theoretical base.

MSc (2 year)

Admission through JAM (Joint Admission test)

This is also a 4 semester program offered in four fields

- Chemistry
- Physics
- Mathematics
- Scientific Computing

The curriculum aims at developing the basic knowledge of sciences, Engineering and specializing over the field.

Degree also involves a year long Msc. Project to be done under the guidance of a faculty.

MBA

Admission through CAT

This is also a 4 semester program

Students from various fields of engineering with lot of work experience help each other to develop and grow managerial skills

MDes

Admission through CEED (Common Entrance Examination for Design)

This is also a 4 semester program helping students to specialize in product 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.





R&D and Infrastructure

IIT Kanpur carries out original research of significance and technology development at the cutting edge. It imparts training for students to make them competent, motivated engineers and scientists. The Institute not only celebrates freedom of thought, cultivates vision and encourages growth, but also inculcates human values and concern for the environment and the society. Its distinguished cutting edge research is reflected in its impressive catalogue of research projects funded by national and international organizations and industries.

Student Projects

Development and application oriented projects, under the guidance of faculty are mandatory for students of all Academic Programmes. Majority of these projects being industry sponsored, provide students with an opportunity to understand and analyze real life problems pertaining to the respective industry.

Patents

Students who have come up with innovative solutions to practical problems are encouraged to file national and international patents. The highest number of patents in India are filed by IIT Kanpur students under guidance of esteemed faculty members.

Publications

Students actively publish their work in the form of papers in esteemed national and international conferences and refereed journals.

Computer Centre

Computer Centre has a number of High Performance Computing (HPC) Clusters, state of the art servers, high end linux and windows labs and various advanced application software. Computer Centre supports an institute wide 5 Gbps fiber optic network that connects all the academic departments, hostels, library and other central facilities. Internet access is provided through a 5 Gbps dedicated Internet link.

P K Kelkar Library

P K Kelkar Library (Formerly Central Library) of IIT Kanpur is an academic Library with a collection of more than **3,00,000 volumes** and subscriptions to more than 1000 periodicals. It is one of the largest libraries in the nation housed in a three-storey building with the total 6973 sq. m. floor area, and annually average **4500 books and journal volumes** are added to the collection.

International Exposure

IIT Kanpur boasts of a large number of MoU's signed with other renowned institutes like Cornell University, E'cole Centrale Paris, Melbourne University for Australian countries etc. to promote international collaborations and knowledge exchange amongst them.



Students' Gymkhana

Students' Gymkhana plays the host to most of the activities that are conducted round the year, be it cultural, sports or college festivals. It works for the purpose of:

1. **Fostering a corporate life based on equality of status and sound moral judgment**
2. **Developing all round extra-curricular activities to supplement education;**
3. **Advancing the general welfare of our fellow students**

Presidential Council

The President is the chief executive of the Gymkhana and chairman of the Presidential Council. The council comprises of the Gymkhana Lectures and Discussion Club, Prayas, Book Club, Entrepreneurship Cell, GE3 and Vivekanand Samiti.

Cultural Council

Headed by a General Secretary, Cultural Council organizes a plethora of activities spanning over the whole year. With a calendar punctuated by scores of workshops and classes over the year, including the summers, the Council provides the students profuse platforms to pursue various cultural genres, train themselves, perform on stage or just appreciate various cultural arts. It comprises of Music Club, Dance Club, Dramatics Club, Fine Arts Club, English Literary Society, Hindi Sahitya Sabha, Quiz Club and Spic Macay Society.

Festivals/ Competitions/ Gymkhana/ Counseling Service

Notwithstanding the tight academic schedule that students have, they manage to indulge in various extra-curricular activities. A host of activities ranging from inter-hostel competitions and national level festivals to managing facilities like messing and hostel infrastructure are entirely managed by students. These activities provide multitude of platforms for students to hone their technical and managerial skills, which are imperative for one to excel in his/her workplace.



Science and Technology Council

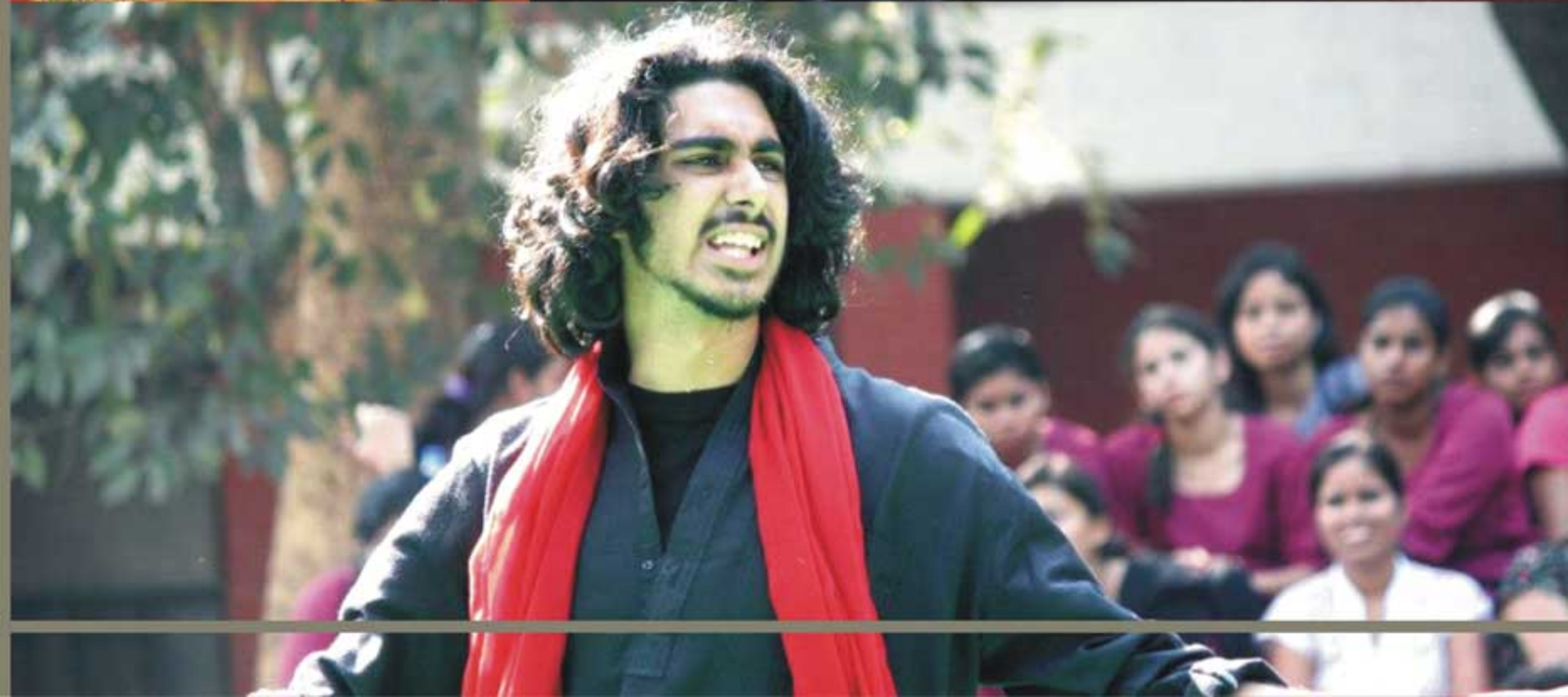
Headed by a General Secretary, Science and Technology Council compels each and everyone to think beyond the conventional boundaries, provide support, opportunity to help one unleash his/her imagination and an ideal platform to showcase one's talent. It comprises of the following clubs: Astronomy club, Business Club, Electronics Club, Programming Club, Gliding Club, HAM Club, Aeromodeling Club, Robotics Club, Brain and NERD.

Films and Media Council

Headed by a General Secretary, Films & Media Council aims to provide high quality entertainment to the students through various extra-curricular activities throughout the year such as photography, videography, print and video journalism, etc. The council comprises of the following: Meander, Animation Club, CD Club, La Montage Club, Photography Club and STV Club.

Sports Council

Headed by a General Secretary, Games and Sports Council strives and endeavors to inculcate and introduce sports as a part of the daily decorum in every student's life. The council believes in bringing out and encouraging the sportsperson in everyone under the guidance of professional coaches and with the best sporting facilities in the country. The council comprises of Taekwondo Club, Adventure Sports Club, Chess Club, Skating Club, Card and Board Games Hobby Group.



Gymkhana Festivals

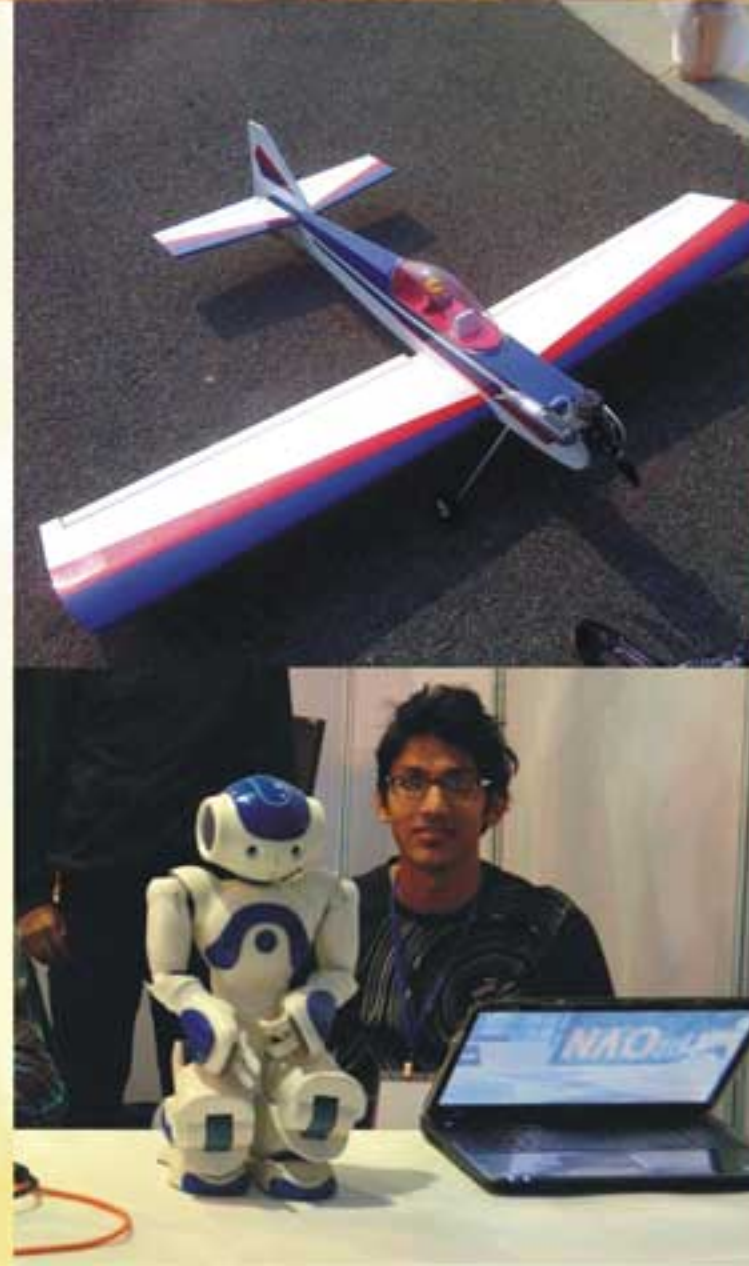
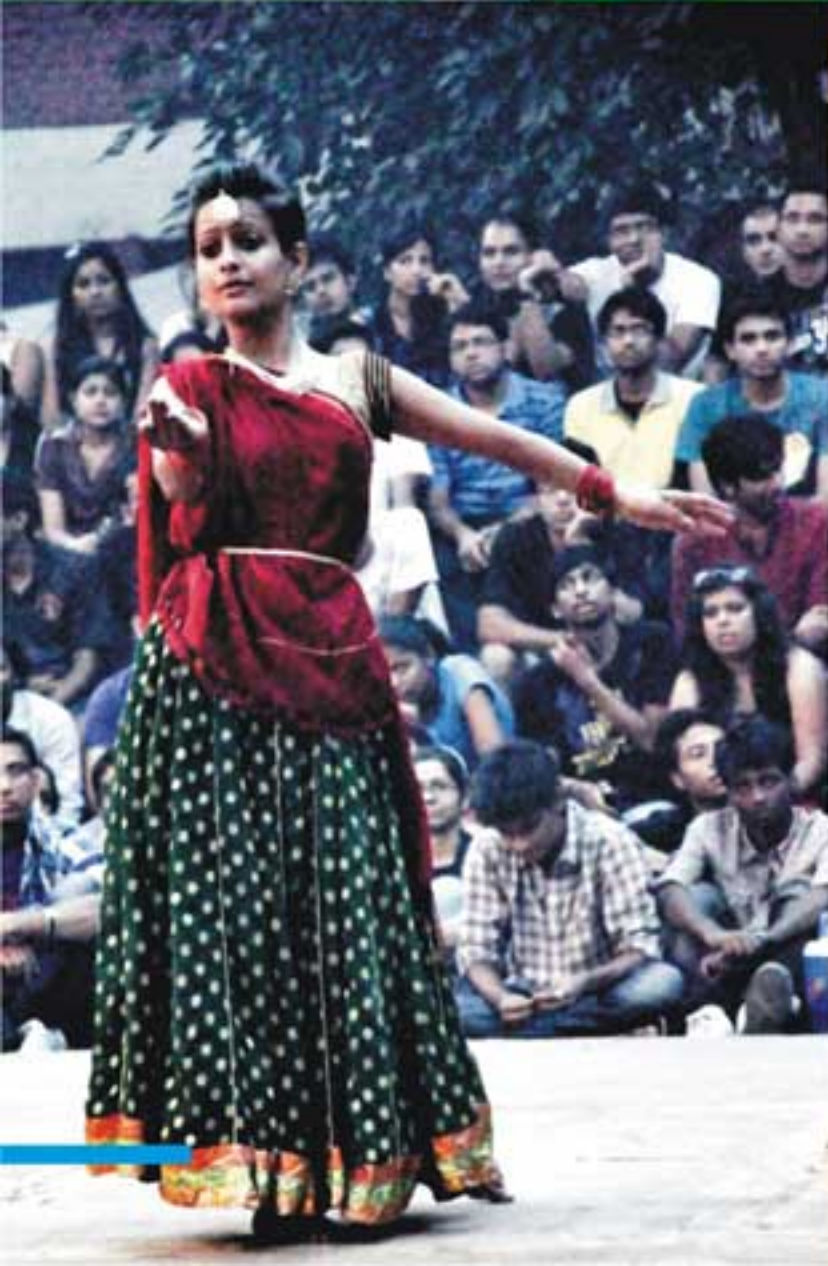
Students' Gymkhana, IIT Kanpur organizes two major inter collegiate festivals

Antaragni

Antaragni is the annual cultural festival of IIT Kanpur, held in the month of October, and is one of the popular college festivals in India. It is a four day long festival, attracting participation from over 200 colleges of India.

Techkriti

Techkriti is the annual inter-collegiate Technical and Entrepreneurship festival organized by the students of IIT Kanpur. It culminates into a grand three-day festival in the month of February, attracting footfall of over 20,000 from all over India and even abroad.





Preparation Activity

Career Awareness Sessions

We organize career awareness session for various fields like consulting, FMCG, analytics, etc to help students to understand the different concepts of each branch before they make a choice.

We organize same type of sessions at a departmental level also.

Resume Making

Over the past years IIT has started to pay special attention to the resumes. We have our own standard format of resumes and students are advised to follow that.

We conduct one on one resume review session with our seniors and alumni to provide student with good feedback.

We take regular resume making workshop by seniors, alumni and professional to give a new outlook to their resumes.

Aptitude and Core Test

We organize regular aptitude and core test to help student improve their knowledge and analytical abilities.

Placement Information

About Students' Placement Office (SPO)

SPO is run and managed by entirely by students and it handles all aspects of placement as well as internships.

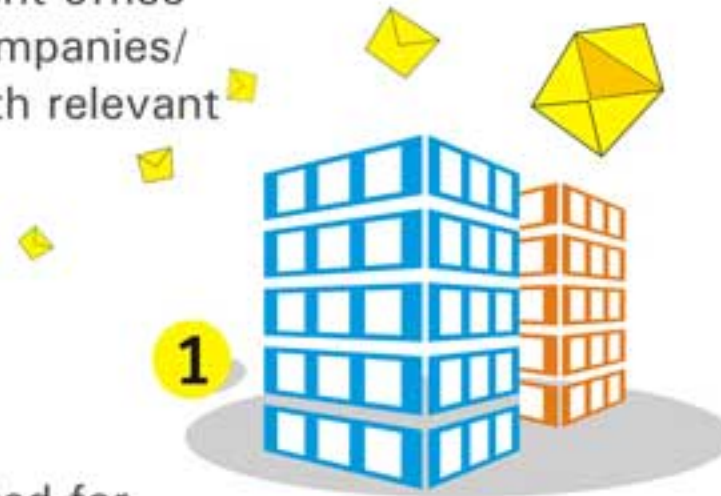
A team of students headed by Overall Placement Coordinator (OPCs) work along with Pitching Coordinator and Departmental Placement Coordinator (DPCs) work towards calling new companies and to all logistics requirements and facilitating students and companies for placement procedure.

Placement office has its own infrastructure to support the companies during placement procedure.
It includes:

- Auditorium to conduct Pre Placement Talk and tests
- Group Discussion rooms
- Video Conferencing Facilities
- Telephonic Interview Facilities
- Online automated system PAS (Placement Automation System) to assist students and companies with placement procedure
- Support staff to help students and companies



The Students' Placement office sends invitations to companies/ organizations along with relevant information.



The accounts are created for organizations interested in recruiting on the our online portal PAS. Every student interested in placement procedure is registered on this PAS and can see the details of various interested companies.



A Job announcement form (JAF) is made available to the company/organization through their online account. Wherein the company or organization will announce the job openings and the offers. JAFs can also be sent by post/email to the Students' Placement Office, IIT Kanpur/ spo@iitk.ac.in.



Now, interested company/ organization can visit our campus for Pre-Placement Talk (PPT). For this they can inform Students' Placement Office along with their preferred dates.



The Job openings will be made available to the eligible students, along with any other information provided by the company/organization. As per the job profile offered and the eligibility criteria set by the



The Company/Organization as per its recruitment process, can shortlist students for GD/PI either on the basis of their resumes or by conducting written tests. Company/ Organization can schedule the test before 1st of December or when they visit campus for recruitment.

Final Placement begins on first of December. Each company is given a slot in December which is decided upon various factors like;

- a. Students Preferences
- b. Work Profile
- c. Compensation Offered
- d. Career Prospects

7

After the interview a company submits list of selected students. Each offer is registered against selected student. If a student gets multiple job offer on same day than student is given choice to select one among them.

8

Once a student accepts a job offer he is deregistered from our portal and is not allowed to sit for placement procedure of any other company.

The complete process is governed by Placement Policy and rules which are available on SPO website and are shared with company beforehand.

10

The procedure for campus placement follows the above plan



A Accenture Services Pvt. Ltd.
 Adobe Systems
 Airbus Engineering Centre India Pvt. Ltd.
 Amazon Development Centre India Pvt. Ltd.
 Analog Devices
 ANSYS Fluent India, Pune
 Atkins

B Beca Group
 Bentley Systems
 Bharat Heavy Electricals Ltd.
 Bharat Oman Refineries Ltd
 Bharat Petroleum Corporation Ltd.
 Boston Consulting Group
 Britannia India
 Brocade
 Burning Glass (Checktronix)

C Capital Dynamics
 Caterpillar India Pvt. Ltd.
 Chevron, Singapore
 Citigroup Advanced Analytics Solutions
 Credit Suisse Business Analytics

D Dar Al Handasah Consultants
 Deloitte
 Deutsche Bank, Global Markets Center, Mumbai
 Diamond Consulting - PwC
 Directi Internet Solutions Pvt Ltd
 Dolat Capital Ltd, Mumbai
 Dr. Reddy's Laboratories
 DRDO

E Eaton
 Energo Engineering Projects Limited
 Engineers India Limited
 Ericsson India
 EXL Services
 Exxon Mobil

F Facebook
 Finisar Malaysia
 Fluidyn INDIA (TRANSOFT GROUP)
 Fractal Analytics

G Galaxy Surfactants Limited
 GE India Technology
 Genpact India
 Global Analytics India
 Goldman Sachs Services Pvt. Ltd.

H Halliburton
 Headstrong
 Hero Honda Motors Ltd
 Hewlett Packard, Analytics
 Hindustan Unilever Limited
 HSBC Global Resourcing, Bangalore

I IBM India Research Lab
 Inmobi
 Ispat Industries Limited
 ISRO
 ITC Limited

L Larsen & Toubro

M McKinsey
 Microsoft India R&D India Pvt. Ltd.
 Mitsubishi Heavy Industries
 Mitsui Chemicals
 Morgan Stanley

N National Instruments Systems (India) Pvt Ltd
 NetApp India, Bangalore
 NVIDIA Graphics Pvt Ltd, Bangalore

O Opera Solutions

P Powergrid
 Price Waterhouse Coopers
 Procter & Gamble

Q Qualcomm

R Reckitt Benckiser
 Renishaw
 Rio Tinto, Australia

S Samsung India Software Operations Pvt. Ltd
 Schlumberger
 Shell Technology India
 Steel Authority of India Ltd.

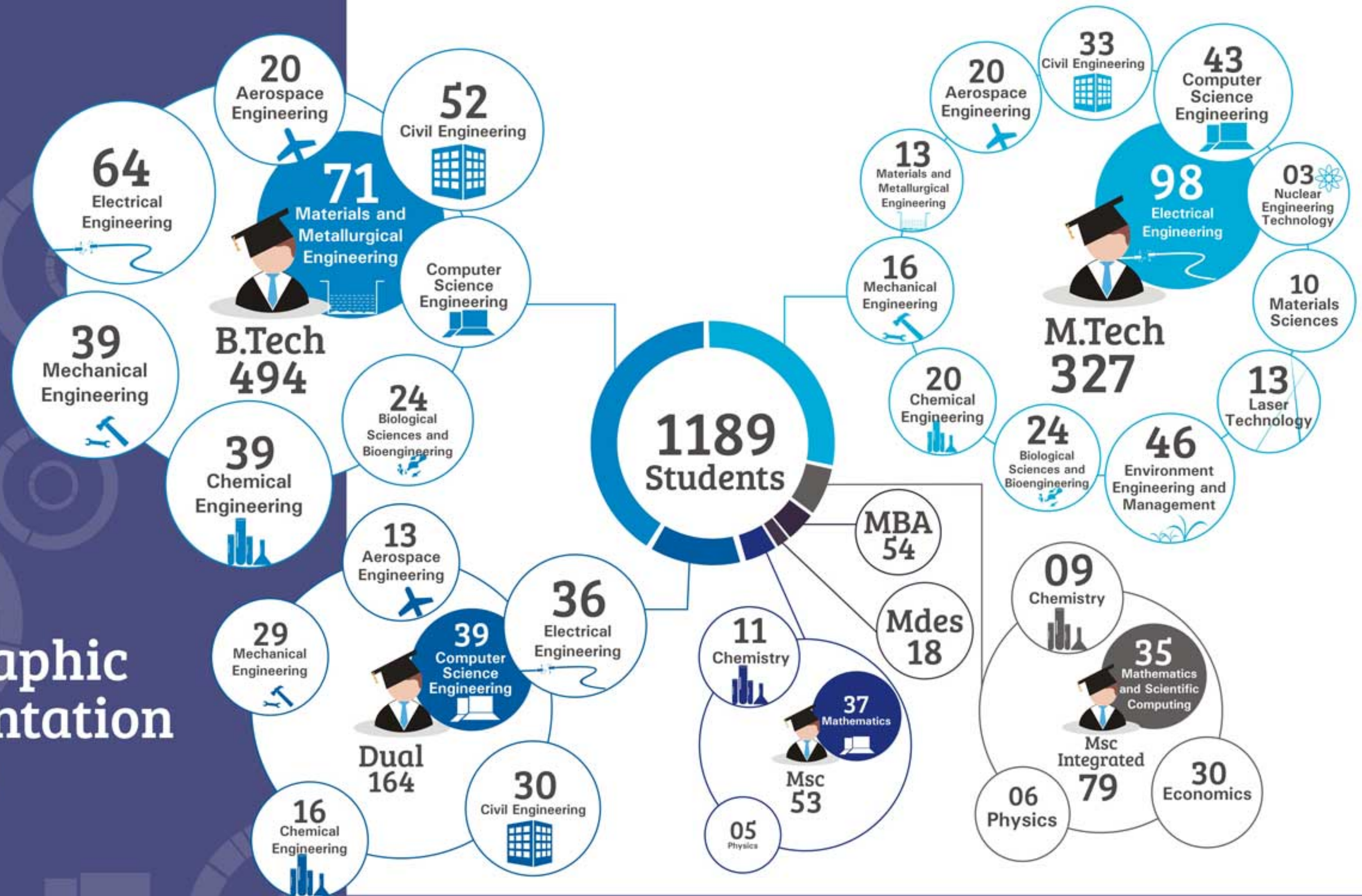
T Texas Instruments
 Tower Research Capital LLC
 TVS Motors

W WorldQuant Research Pvt. Ltd, Bangalore

Y Yahoo, Bangalore

Z Zeus Numerix Pvt Ltd Sony, Japan

Demographic Representation of Batch 2011-12





Chairman's Note

As the world marches into the 21st century, India, at the forefront of the developing world needs an increasing lot of intelligent, astute, hard working and technically proficient minds. Indian Institute of Technology Kanpur (IITK) well known for its cutting edge research and teaching programmes prides itself on creating an environment that facilitates in not only the academic but the overall development of the student.

The hallmark of IIT K has always been relentless strive towards excellence and perfection. We expose our students to strong fundamentals in their subject areas and hone their inter-personal skills to develop them as future leaders in their chosen fields of work. The academic curriculum at IITK has strong emphasis on basic sciences, engineering and humanities, which is successful in producing competent engineers and scientists with concern for human values and surroundings.

Here at Student Placement Office (SPO) our effort is to provide a platform to facilitate interaction between students and companies so both can find the best match as their aspirations and requirements. Quick on the up-take, with good communication and human relations skills and aware of modern developments, the typical IIT K graduate is expected to play a very important role in organizations like yours wanting to be internationally competitive in terms of products, services and technology.

Our previous placement sessions witnessed the best placement percentage among all IITs, which is a testimony to the increasing faith that the corporate world has put on us.

Our portal is the starting point of our interaction where you will find all necessary information. We will welcome your queries related to recruitment at IITK. Also, write back your ideas that can help us at SPO.

If interested in making an early Pre-Placement Talk, please let us know the preferred date. PPTs are held after class hours, i.e. 6 PM onwards on weekdays & 10 AM onwards on Saturdays up to mid-November leaving out the 4 day period of 12th-16th October which is scheduled for the cultural festival Antaragni.

I take this opportunity to invite you for placements to IIT K.



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Overall Placement Coordinators





Students Placement Office

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