INDIAN INSTITUTE OF TECHNOLOGY KANPUR

INFORMATION BROCHURE
2014-2015

FROM THE HEAD'S DESK

Dr.Mukesh Sharma
Head Counselling Service
Email: head_cs@iitk.ac.in, mukesh@iitk.ac.in
Phone: +91-512 2597759

Dear Students,
Congratulations on your selection to the PG program at IIT Kanpur .

I assure you that you have made a right decision and you will cherish it all your life. IITK is a place that not only celebrates freedom of thoughts, cultivates vision and encourages growth, but also inculcates human values and concerns for the environment and society.

IITK offers an excellent environment for an overall development of a student. Students get the best opportunities in the form of highly advanced courses, eminent faculty, well-equipped laboratories, library, hostels and various facilities to excel in research and development.

Throughout the year we have a plethora of events organized by the Literary Society, Astronomy Club, Aero Modelling Club, Dramatics Society, Music Club, Dance Club, Animation Club, Robotics Club, Gliding Club, Photography Club for you to pursue your hobbies and develop interpersonal skills.

This lush green campus will cater to all your needs. For assisting you in academics and personal matters in the campus, Counselling Service will always be there for you. The Counselling Service was established with voluntary efforts of the faculty members and the student community, to make the students feel at home. From today itself, if you need any kind of assistance, do not hesitate to call anyone in the Counselling Service.

During orientation programme, we have to accommodate more than 2000 students so it will not be possible for us to accommodate the accompanying parents. I suggest that parents make their own arrangements for stay. A list of hotels in Kanpur and their contact numbers is attached for your convenience.

Once again, I welcome you to IIT Kanpur. I sincerely hope that your stay here will be memorable and enjoyable in every aspect and the experiences you gain here will be the moments that you treasure for life time.

Dr.Mukesh Sharma

BEFORE STEPPING FORWARD

Dear Friends,

Team Counselling Service congratulates you for getting selected in IIT Kanpur. To make your journey comfortable we would like to brief you about all small things which will prove handy to you during your orientation process. This brochure contains all the necessary information, so we request you to please go through it once and carry it along with you when you come here.

We have arranged an orientation program for you which includes all the admission formalities along with hostel allocations. We suggest you to arrive here a day or two before the orientation kick starts. Our team will help you out with all the processes to make your stay comfortable.
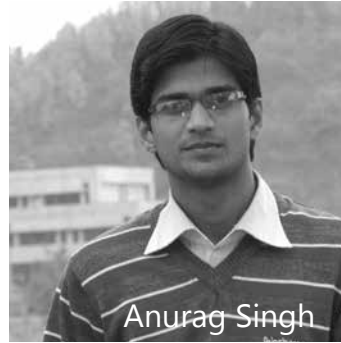
In case of any further information feel free to contact us. We will be more than happy to help you.
Hope to see you soon.

PG Team
Counselling Service

Aniket Patole

Anurag Singh

Himanshu Panday

Kumar Saurav

Menaka Attmaja Ray

Priyajeet Kaur

Pulkit Saraswat

Rajan Dokania

Vaishnavi Bhope

CONTENT

GENERAL INFORMATION

Faculty Building

How to reach the campus?

From Railway station: IIT Kanpur is located on Grand Trunk (GT) road, near Kalyanpur, about 17 km from Kanpur Central Railway Station. Following options are available to reach the campus:

- Institute buses ply between Railway station and the campus at regular intervals. The buses will be stationed outside Platform 1.
- Exit from Platform 9 (Ghantaghar side) – Since you would be arriving with heavy luggage, we suggest you to take an auto straight to IIT Kanpur which will cost you around Rs.200. Night charges may be slightly higher. Shared autos ply at lesser rates but you may have to change at places.

From Airport: The closest major airport is located at Lucknow, about 90 km from Kanpur. Pre-paid taxis ply between Lucknow Airport and IIT Kanpur. Regular buses also run between Lucknow and Kanpur.

By Road: The main bus stand in Kanpur is Jhakkarkatti Bus stand, located near Tatmill Chauraha. From here, you can take an auto-rickshaw to IIT Kanpur which will cost you approximately Rs.160.

Hostel Accommodation

IIT Kanpur is a fully residential campus and there are ten hostels for boys and three for girls. Every hall of residence has its own mess, of which all the residents are compulsorily a part. On reaching the campus, students should report at IIT main gate or the control room of the hall of residence allotted to them with a copy of the offer letter. Then he/she will be led to the allotted room.

Due to some constraints one may have to share room. For fee and mess advances, please refer your offer letter as well as keep checking DOSA website *(http://www.iitk.ac.in/dosa)* at regular intervals.

Bank Account

You will need to open a savings account either in State Bank of India (SBI), Union Bank Of India (UBI) or ICICI Bank, all located in the campus itself. To open an account you will need three passport size photographs. No initial deposit is required in any bank. ATM facility is provided within the campus by all three banks. SBI offers an online account opening facility. (for further information refer to *www.sbi.co.in)*

Medical Check-up

You are advised to get the following tests done prior to coming to the institute and carry the reports with you on to be later submitted to the Health Centre:

- Blood Group and Rh Factor
- Haemoglobin Percentage
- Blood Sugar Test (Random)
- Complete Urine Examination

Web Help

All the information related to the Orientation Programme and your induction in IIT Kanpur will be updated on the site:

www.iitk.ac.in/counsel/orientation.php

Important: Please try to reach the IITK campus between 6:00 AM to 8:00 PM to ensure that we accommodate you comfortably.

THE INSTITUTE

IIT Kanpur, considered as one of the premiere institutes, was established in 1959 by the Government of India to provide education of the highest standard. With the vision of creating an intellectual pool of engineers & scientists for growing demands of a developing nation, the institute has always encouraged intellectual enterprise, creativity and talent among its students. From its very inception, IIT Kanpur has striven to develop itself as an arsenal of educational excellence & research in harmony with the spirit of modern India. Today, the institute is recognized worldwide as a major centre of learning in engineering, sciences, humanities and several inter disciplinary areas. It has also been involved in collaborative endeavou rs in areas of value addition to industry and government. The institute has always made special efforts to select exceptional students. The PG Students are admitted on the basis of all India tests such as GATE, UGC-NET, CSIR, CAT, JAM, JMET and CEED and together they represent India's most promising young talent. IIT Kanpur offers various programmes at the PG level in the following departments:

Engineering

- Aerospace Engineering (AE)
- Biological Sciences & Bioengineering (BSBE)
- Chemical Engineering (CHE)
- Civil Engineering (CE)
- Computer Science & Engineering (CSE)
- Electrical Engineering (EE)
- Industrial & Management Engineering (IME)
- Materials Science & Engineering (MSE)
- Mechanical Engineering (ME)

Management

Industrial & Management Engineering (IME)
(offers a degree in MBA)

Humanities and Social Sciences (HSS)

- Economics
- English (Literature & Linguistics)
- Psychology
- Philosophy and Sociology
- Fine Arts

Sciences

- Chemistry **(CHM)**
- Mathematics (MTH) & Statistics **(STA)**
- Physics **(PHY)**
- Earth Sciences **(ES)**

Interdisciplinary Courses

- Environmental Engineering & Management **(EEM)**
- Photonic Science & Engineering (PSE)
- Design Programme (DES)
- Material Science Program (MSP)
- Nuclear Engineering & Technology (NET)

The list of the courses offered by the respective departments can be accessed at:

http://www.iitk.ac.in/doaa/DOAA/coursesofstudy.htm

The guidelines for the admission of foreign students to the post-graduate programmes can be accessed at:
http://www.iitk.ac.in/doaa/DOAA/foreignstudents.htm

For more information about the faculty members and their specializations, please visit the respective departmental website. This is important, as some departments require you to select a thesis supervisor at the time of registration itself.

For more information, the PG manual can be viewed at:
http:// www.iitk.ac.in/doaa/PG_Manual.pdf

ACADEMICS

IIT Kanpur follows a two-semester system. The academic year runs from July to April. The first semester begins by last week of July & ends in last week of November. The second semester starts in last week of December & ends in last week of April. A semester load is equivalent of 16 units. Most courses carry 4 units while a few carry 3 or 5 units.

The Dean of Academic Affairs (DOAA) heads the academic administration of the institute. The institute offers many courses in various disciplines of engineering, science & humanity, both at UG & PG levels.

These programs are planned & implemented by the academic senate through Senate UG committee (SUGC) & Senate PG committee (SPGC). In addition, the senate has other standing committees viz., the Senate Scholarships & Prizes Committee (SSPC) & Senate Students' Affairs Committee (SSAC). All committees have representatives from the IITK student community.

Examination System

The Institute follows a continuous evaluation model through a credit system in all its programs. The student is awarded a letter grade for each course for which he/she is registered. There is no annual or semester pass or fail; however, a student has to satisfy a minimum Cumulative Performance Index (CPI) & earn credit requirements to be eligible for the award of degree. In certain unavoidable circumstances, a student may be allowed to give a make-up examination.

Grading System

Each course is assigned a numerical weight. Each letter grade carries numerical points. A list of these letter grades is given in Table 1.

For courses without any numerical grading, students are awarded either S (satisfactory) or X (unsatisfactory) letter grade depending upon the instructor's assessment of student's progress in the semester.

The performance of a student is evaluated at the end of each semester in terms of weighted average of grade points secured in all registered courses for that semester & is known as Semester Performance Index (SPI).

The Cumulative Performance Index (CPI) represents the weighted average of grade points secured by student in all the semesters up to & including the last semester.

The method of calculation is same as SPI except that F grade which has been replaced by a pass grade is ignored in the calculation.

Grades	A	B	C	D	E	F
Points	10	8	6	4	2	0

Table 1: Grades and Corresponding Points

Requirements For Graduation

A student shall be deemed to have completed the requirements for graduation if he/she has:

- Passed all the prescribed courses
- Attained the minimum required CPI (refer Table 2)
- Satisfied the minimum academic & residence requirements (refer Table 3)
- Satisfied all requirements specified by concerned department, if any.
- Satisfied all requirements specified by the Senate & the Ordinances.
- Paid all the dues to the institute.

Besides this, he/she should have no pending case of indiscipline.

Programme	Required CPI
Ph.D	7.0
DIIT/M.Tech/MBA/M.Des	6.5
M.Sc (2 year)	6.0
B.Tech	5.0

Table 2: Programmes and minimum CPI required

ACADEMICS

Academically deficient students who fail to meet minimum CPI/SPI criterion will be put under academic warning. Academic requirements & related information is available at:
http://www.iitk.ac.in/spgc/

Programmes	Minimum Total Credits	Credits Through Course-Work (minimum)	Credits Through Research (minimum)	Minimum Number Of Courses	Minimum Residence	Maximum Duration
DIIT	32	16	08	-	2 sem[3]	3 sem[3]
M.Tech./M.Des	64	24[1]	28	06	4 sem	4 years[5]
MBA	96	96	-	24	4 sem	3 years
Ph.D. (Engineering) students with B.Tech/ M.Sc./B.Pharm./MBBS	96	40	32	10[2]	6sem	7 years
Ph.D. (Engineering/ Management) students with M.Tech/M. Pharm/ M.D.	64	16	32	04[2]	4 sem[4]	6 years[5]
Ph.D. (Management) students with MBA (with M.A./M.Sc./B.Tech.)	64	16	32	04	4 sem	6 years[5]
Ph.D. (Management) students with MBA (with B.A./B.Sc.)	80	24	32	06	5 sem	6 years
Ph.D. (Management) students with B.Tech/M.Sc./M.A/M.Com.	96	40	32	10[2]	6 sem	7 years
Ph.D. (Sciences/HSS) students with M.A./M. Phil/M.Sc.	80	24	32	06	5 sem	6 years
Ph.D. (Sciences/HSS) students with B.Tech	96	40	32	10[2]	6 sem	7 years

Table 3: Minimum academic and residence requirements for Graduation

1. May include one under-graduate course.(Permitted by DPGC)
2. May register for under-graduate courses as a special case: these courses will be deemed to have zero credits.
3. Excludes summer term.
4. Students in External Registration Programme will be required to stay on campus at least as long as it takes to complete the required course-work & pass the comprehensive examination.
5. Get a written proposal (prepared in consultation with his/her supervisor & co-supervisor) outlining the work supposed to be done for his/her thesis.
6. Add an additional year in case of external/part-time students.

(For more information, please refer to PG Manual at *http://www.iitk.ac.in/doaa/)*

ACADEMIC CENTRES

Advance Centre For Material Sciences

It was created in 1978 with a view to make available major materials preparation and characterization facilities under one-roof. These state-of-the-art research facilities are regularly upgraded, and maintained by suitably trained competent staff. The centre has been serving the needs of the materials community from the institute as well as other academic and industrial establishments.

Centre for Environmental Science and Engineering

The Centre for Environmental Science & Engineering at Indian Institute of Technology, Kanpur is conceived with the specific objective of creating an interdisciplinary research facility integrating the fields of engineering, science and medicine to address environmental issues.

Centre Of Mechatronics

The Centre for Mechatronics has the following major objectives:

Laboratory Support for Students:
*   For undergraduate projects
*   For postgraduate thesis

Research and Development:
*   Academic research
*   Sponsored/consultancy projects

Training and Information Dissemination:
*   Through regular education programmes
*   Through the development of a reference library

Centre of Laser And Photonics

The Centre for Lasers and Photonics (CELP) is an interdisciplinary centre of excellence that combines cutting-edge technology from engineering and theoretical advances in science to create new horizons in the field of photonics science and engineering. The Centre has research infrastructure worth several crores funded by agencies such as DST, DRDO, CSIR, MHRD etc.

Computer Aided Design Laboratory

CAD Lab was established for concept design and product realization and to primarily facilitate students to evolve concepts and convert it into a complete product. The process of design, simulation and prototyping takes place in a digitally integrated environment.

Nano Science And Soft Nano Technology

The basic thrust of Thematic Unit of Excellence is in developing soft materials, structures and devices within 100nm size based on soft (e.g. polymeric, biological, organic) materials and polymer-derived carbons and their applications in three areas of energy, environment and bio-applications.

Central Glass Blowing Section

The shop's primary mission is to design and fabricate prototypes of speciality laboratory equipment as well as repair existing types of glass apparatus and equipment. This section provides training to interested glass blower across the country.

Prabhu Goel Research Centre For Computer and Internet Security

The vision of the centre is to become the nodal R&D centre in the country for all the aspects of computer security and to educate various governmental and non-governmental organizations on the security issues and help them in this regard.

ACADEMIC CENTRES

Samtel Centre for Display Technology

SCDT was formally established on March 5, 2000 through a memorandum of under-standing between SAMTEL Group of Industries and I.I.T Kanpur. This has been a beginning of one of the most significant efforts towards meaningful industry-academia interaction to meet the challenges of emerging technologies in electronic displays.

SIDBI Innovation and Incubation Centre

This centre is set up in collaboration with Small Industries Development Bank of India (SIDBI) to foster innovation, research and entrepreneurial activities in the technology based areas.

Tinkering Laboratory

This provides a platform for creative minds to come out of their 'Think Space' to hands-on 'Tinker Space', to transform their ideas into real time engineering objects and eventually to products and patents.

Flight Club

It is a unique national facility with 800m long runway capable of handling single engine aircrafts like Piper Super Club: a two seater aircraft, Cessna Skylane: a four seater aircraft and Piper Saratoga: a six seater. The flight laboratory runs courses in flight testing wherein students participate, collect, analyse and evaluate performance and handling qualities of the airplanes.

Flight Club

NATIONAL INITIATIVES

National Information Centre for Earthquake Engineering

The objectives of NICEE at IIT Kanpur mainly are to be on the constant look out for the new publications, audio-visual materials, etc., in the area of earthquake engineering and to create and maintain a good storehouse of information/ publications/ other audio-visual materials on earthquake.

National Wind Tunnel Facility

The National Wind Tunnel Facility (NWTF), established in 1999 at IIT Kanpur to meet the national needs in areas of aeronautical and non-aeronautical R&D activities, houses the most versatile and efficient wind tunnel in India. It has various simulation and measurement systems, interchangeable test sections and is capable of testing at wind speed up to 80m/sec. NWTF is committed to take up sponsored and consultancy projects as well as supporting the academic research at IIT Kanpur. Graduate and undergraduate students from Aerospace, Civil, and Mechanical

National Wind Tunnel Facility

3i Network

Its main objective is to identify and articulate specific areas and issues related to various infrastructure sectors and to carry out projects dealing with policy, organization, and specialized techno-managerial elements relating to infrastructure.

FACILITIES

Computer System

The institute has 2 Gbps internet connection and 1 Gbps NKN connection. Every hostel room is equipped with a 1 Gbps LAN connection. IIT Kanpur has a centrally located computer centre and two core labs having over 390 PCs with Linux and Windows as operating systems. Students are provided email accounts with 1GB of disk space.

P. K. Kelkar Library

P. K. Kelkar Library is ranked among the best libraries in the country. Housed in a three storied building and a basement area with total of 6937 sq.m. floor area, the library has a collection of more than 2,50,000 volumes; subscription to more than 2000 periodicals and more than 2,00,000 journal volumes. This collection includes abstract and indexed periodicals, CD-ROM databases, technical reports, standards and thesis.

Language Laboratory

A state-of-the-art Language Laboratory with computer controlled audio-visual system forms an important part of the language education in the institute. Courses are conducted for teaching English as well as foreign languages like French, German and Japanese.

Banking Facilities

The following banks have their branches and ATMs in IIT Kanpur campus:

- State bank of India**(SBI)**
- Union Bank Of India**(UBI)**
- ICICI Bank

ATMs are located at the shopping centre, in front of Hall-3 and in front of Hall-7.

Railway Reservation Counter

A railway reservation counter is located near the IIT Kanpur main gate.

Visitor's Hostel

Housed in a centrally located, well maintained building, Visitor's Hostel provides boarding and lodging facilities for institute guests and visitors, newly appointed faculty, parents of students, staff members, delegates and participants attending various conferences, seminars, symposia and workshops.
However please note that this facility won't be available to parents during the orientation.

Shopping Complex

The shopping complex is a host of stores for general needs of the student community like chemist, hairdresser, dry cleaner, bakery, sweet shop, stationary stores, restaurant, electrician, tailor, shoes store and cycle sales and repairs. The complex also has a post office and telecom centre.

Health Centre

The on-campus Institute Health Centre (HC) is equipped with a clinical lab, ECG facility, a radiology (X-Ray) unit, indoor ward and a pharmacy. Emergency care is provided round the clock. Homeopathy and physiotherapy treatments are also available. The HC may also refer students to medical facilities in the city, but any hospitalization cost outside the HC has to be partially borne by the student. There is also a dispensary in Hall 10.

COUNSELLING SERVICE

The Counselling Service (CS) has been standing as a silent pillar of strength and support for students in their moments of need for past 51 years in IIT Kanpur campus. CS is dedicated towards the welfare of the student society; provides emotional, academic as well as financial support & sensitizes the campus community towards key campus issues.

Mrs. Sharmistha Chakroborthy, Counsellor, Team CS

Mrs. Rita Shukla, Associate. Counsellor Team CS

Team Counselling Service comprises of:
• Professionals
• Counsellors
• Psychologists
• Psychiatrists
• Medical Practitioners
• Student volunteers
• Faculty Members

Your interaction with us starts from day one. We will be there at each instant of your life at IITK to help in your academic and personal issues, so that you can put your best stride at each step of your life.

Orientation Programme

It's a 5-day Programme for the new batch before the start of the session to acquaint students to the institute.

CS helps you to get used to with the facilities, services, personnel, rules and regulations of the institute by organising Orientation Programme which includes:

• Allocation of accommodation for new students
• Session with counsellors
• Admission related procedures
• Interaction with institute authorities
• Session with HODs and DPGCs
• Campus tours and club presentations
• Few events by college clubs

Workshops and Sessions

Throughout the year, CS tries to help you in academic as well as personality development issues by organising sessions and workshops:

• Thesis writing workshop
• Workshops on software training
• Talk on research and research methodologies
• Classes on soft skills development
• Wellness week
• Sessions on relationships, mental health issues & addictions
• Session on internship opportunities
• Faculty-Student Interaction

Publications

CS also conducts surveys and brings out regular publications like:

• Happy Campus
• A word to the First Year Students
• A Word to the Parents
• Addiction – Self Assessment

Financial Assistance

CS awards financial help to those who are unable to get any financial support from institute or other sources through following:

• Student Benevolence Fund(SBF)
• Short/Medium Term Loan
• Scholarships

CS also bears medical expenses for such students up to a certain extent.

SCHOLARSHIPS

Scholarships for PG and PhD students

The following scholarships offered by IITK are meant to give the students an international exposure in order to escalate their understanding of science, technology and innovation.

- Raman Charpak (PhD) scholarship: *http://cefipra.org/raman-charpak/index.aspx*

- IIT-DAAD Scholarship Programme for Master and PhD Students: *http://www.daaddelhi.org/en/14498/index.html*

- NUS Joint Degree Programme: *www.iitk.ac.in/oir/index.php?option=com_content&view=category&layout=blog&id=196&Itemid=87*

- Erasmus Mundus Scholarship Programme: NAMASTE, EMINTE, HERITAGE *http://eminte.eu/upload/guidelinesapplicantsEMINTE.pdf*

- Melbourne India Postgraduate Program (MIPP) *http://www.iitk.ac.in/oir/index.php?option=com_content&view=category&layout=blog&id=153&Itemid=87*

- Japanese Government MEXT Scholarship (for 2015 enrollment) *http://mhrd.gov.in/sites/upload_files/mhrd/files/Japan201415.pdf*

- Todai-IIT Graduate Student Scholarship Program:*http://www.iitk.ac.in/oir/templates/ir/data/Student_Apportunity/todai/[Draft]%20Graduate-scholarship%20Guideline%202014.pdf*

Prayas Annual Celebrations

PRESIDENTIAL COUNCIL

Vivekananda Samiti

Vivekananda Samiti, is a student body in IIT Kanpur, that has been motivating the youth community towards the path of human excellence. Besides, it also organizes various community service activities such as health camps, eye camps, vaccination drives, literary and environmental camps, community contribution and distribution drives to help the under-privileged section of the society in and around the campus. Vivekananda Youth Leadership Convention in January, is the annual flagship event of the Samiti.

Student's Placement office

Student's Placement office organizes the 'on campus recruitment program'. It is entirely managed by a team of students. This team work toward facilitating the participation of companies and students in the campus recruitment process besides handling all logistics requirement for efficient conduction of recruitment process.

Gymkhana Lecture & Discussion Club (GLDC)

GLDC organizes lectures & discussions with people who have made a name for themselves in their respective fields. Many eminent personalities including IITK alumni have visited the campus in recent past.

Prayas

With the motive of providing quality education to kids in and around IIT campus, initiative of PRAYAS was taken by IITK students in 2002. Classes are held on a regular basis in NEW SAC where students from different streams volunteer to teach kids. Aside from the curricular teaching focus is also very much laid on developing the personality and imparting the confidence in kids. We also hold our annual function and various competitive events to provide kids with opportunity to showcase their talents.

PRESIDENTIAL COUNCIL

Academic Affair Cell

The aim of this cell is to improve the academic environment of the campus. They organize sessions for increasing the academic awareness in students, providing them more opportunities for academic/ research internships & helping the academically deficient students.

E Cell

They promote entrepreneurship activities, as an alternative career path for interested people. They also guide students by mentoring their ideas & provide required networking. Innovative entrepreneurial ideas are always welcomed.

Alumni Relation Cell

IIT Kanpur has one of the strongest alumni network. This cell works for maintaining alumni relationship, inviting eminent personalities & arranging their interaction with students.ARC works for acquiring help for various student activities & career options.

GE3

Formed as a group of energy & environment enthusiasts, GE3 encourages the campus residents to make their life more energy efficient. It brings like-minded people together & conducts events, seminars & projects on dealing with issues relating to environment & energy both within IIT Kanpur & outside.

SAC Book Club

The SAC Book Club houses a number of books, ranging from classic English literature to modern fiction, comics, adventure, biographies, nonfiction, spirituality, Hindi novels & more. Students can register with the club for a nominal fee & get books issued for reading.

For more information check:
http://students.iitk.ac.in/presico/

CULTURAL COUNCIL

Cultural activities, both performing and non-performing arts, are run by a set of clubs corresponding to different skills and interests. The vibrant club structure on campus is something unique to IIT Kanpur, and helps to nurture and develop talent. The Cultural Council undertakes a wide range of activities suitably spread over the whole year. This council arranges for events like Freshers' Night, inter-hall events. The various clubs coming under the Cultural Council are as follows:

Dramatics Club

This is one of the oldest clubs of Students' Gymkhana, where students attempt to learn various aspects of dramatics. The Dramatics Club presents a variety of plays in an year and also organizes an yearly workshop on dramatics skills conducted by the faculty from National Institute of Dramatics, Delhi.

Dance Club

The Dance Club aims at bringing forth people who dance not just with their feet, but with their hearts. Apart from organizing several dance workshops for the beginners, the open Dance competition and the Dance Extravaganza showcase the passion of students for dance.

Literary Club

Consisting of both English Literary Society and Hindi Sahitya Sabha, this is a platform for people who love the softness of poetry, the vigour of debates, the fun of dumb charades and the excellence of literature.

Music Club

The club is equipped with both Indian musical instruments and voice modulation units. Whether it is metal rock or Hindustani classical, budding talents are always given the stage they deserve. Starting with the Freshers' night celebration, Music club takes part in a multitude of events all-round the year, the most awaited of which is Musical Extravaganza, a night dedicated to celebration of music.

FILM AND MEDIA COUNCIL

Fine Arts Club

This club organizes practice sessions like clay modelling, sketching, carving, face painting, tattoo making, all kind of paintings, structure making, calligraphy etc. to bring the best out in the students. It invites experts in different fields to conduct workshops and share their experience and knowledge with the students.

Quiz Club

For those knowledge buffs here at IITK, this club organizes regular quizzes in addition to freshers' quiz and Quiz Pro Quo conducted by reputed quiz masters.

For more information check:
http://students.iitk.ac.in/gymkhana/cultco.htm

Origami Workshop

3D Street Art

The film and media council aspires to convey information to the people through various means of communication. They provide a platform where anyone can voice their needs and express their views with freedom. It entertains people by screening matches and movies.

Animation Club

We think the whole idea of 3D modelling and animation is quite intriguing in itself. This club helps students learn how to create their own animations and animated films, dealing with all aspects of animation from very basic to the most technical details involved in the process. Lectures on 3D Animation, special effects and 3D game design are organized from time to time.

Design Club

We aim at making you a better designer. The club marries theory and practice, as both are valuable in improving design performance. It spans over all domains of design, including architecture, graphics, services, apparel, engineered goods, and products

Film Club

With activities ranging from home movie making to video editing, from sizzling ads to catchy trailers, it is undoubtedly one of the most assiduous club. Apart from its own activities, Film Club strives to spread its art to the campus community through lecture series, Ad making competitions, movie making projects etc. Insight 360, a sister club to film club, deals with the video journalism of all the events and activities at IIT Kanpur.

GAMES AND SPORTS COUNCIL

Sports are structured so as to help every aspirant find his or her level and improve from there. IITK believes in bringing out the best in you under the guidance of professional coaches and with the best sporting facility in the country. The Holy Grail for every IITK sportsperson is the coveted Inter-IIT Sports Trophy, contested for every December. The Campus has a main stadium comprising of cricket ground, athletics track, flood – lit basketball and volleyball courts, a separate football and hockey ground, an indoor complex for table tennis, badminton, squash, gymnasium, skating rink and an Olympic-size swimming pool.

The Games and Sports Council has following clubs under its purview:

Adventure Club

This club offers a plethora of activities like trekking, rock-climbing, mountain biking, river rafting, skiing and long distance cycling round the year. Recently a number of treks have been organised to Pin Parvati Pass, Kugti Pass and other glaciers of Himalayas.

Tae-kwon-do Club

The main focus of this club is to provide students the finest quality in martial art and self-defence so that they can use their skill at the time of trouble. Several students have achieved the black belt Dan grade and brought laurels to the Institute in many championships.

Skating Club

Skating club organizes workshops, practice sessions and competitions to encourage the people interested in skating. It aims to provide an opportunity for as many people as possible to learn skating right from scratch and even gives an entry-level exposure to roller hockey.

Hobby group

Hobby group provides the students to explore their hobbies in the fields like card and board games, shooting and boxing.

Chess Club

For those who love putting in brains, chess club is the place to be. Regular competitions are organized round the year to keep your skills polished.

Apart from these, activities in various sports are organized round the year, to teach individuals from the scratch. What you need is not the knowledge of the game, only enthusiasm.

Adventure Club Trip 2014 to Nepal

Tae-kwon-do Club

SCIENCE AND TECHNOLOGY COUNCIL

The Science and Technology Council provides an opportunity to explore the amazing world of technology, to innovate, to learn, to create, to try out new things and at the same time have loads and loads of fun.

Aeromodelling Club

This club helps you build everything from paper plane and glider to your own engine powered aircraft model. It organises training sessions for RC flying by professional trainers and various workshops including Hovercraft and RC Water Rocket.

Astronomy Club

The club organises regular night sky observation sessions where you are taught to use a telescope, identify the various constellations, stars, planets and search for deep space objects. The club has its own planetarium where one can enjoy the night sky even when the day is cloudy.

Business Club

A group of enthusiasts who aim to learn, discuss, inspire and inform about both business as well as entrepreneurship. They create interest and awareness with the help of Focus groups, lectures and workshops on various aspects of business world held by senior students as well as by professionals.

BRaIN

Biological Research and Innovation Network(BRaIN) is a hub of students from all traits who use the knowledge of their own fields to get a better understanding of the emerging inter disciplinary sciences like cognitive neuroscience, bioinformatics and computational biology.

Gliding Group

Gliding Club is the only one of its kind in the whole country, where you can have a thrilling flying experience at a very nominal price.

In addition, you can also pursue a Glider Pilot License issued by the Department of Civil Aviation, India after completing a certain number of flying hours.

RoboCon Group

Working in the institute RoboCon team not only provides an independent learning platform for innovation and cutting edge robotics technology but also offers an entertaining environment for game-cum- intellectual exercise.

Robotics Club

The Robotics Club is a community of students that derive pleasure in creating robots. The Club, through its regular lectures and workshops, is incessantly involved in producing robots such as Autonomous Soccer player, Hexapods, Rubik's Cube Solvers, Autonomous Climbers and a lot more.

SAE Group

The group is for the automotive enthusiasts. It organizes lectures, workshops and events covering everything from cool and fun facts to in-depth knowledge of vehicles.

Electronics Club

The Electronics Club aims to teach and help people understand the seemingly incomprehensible electronic gadgets in the world today, and also assists people in developing their own devices. Touch Notebook, Microsoft Touch Table, Wireless Game-pad and MP3 Music Player are just a few examples.

Programming Club

It is a community of students highly enthusiastic about coding, ethical hacking, web designing and all other aspects of programming. It involves lecture series on algorithms, hacking, web development, game programming and weekend programming contests.

SCIENCE AND TECHNOLOGY COUNCIL

Rubik's Cube Group

The Rubik's Cube group at IIT Kanpur is here to help you learn and improve your time in solving the cube. With this aim, we conduct workshops, lectures, practice sessions and mock competitions not just to learn the art of cube solving, but also speed-solving.

Science Coffeehouse

The Science Coffeehouse essentially is a niche for students, built as a discussion group where all sciences, be it physics, maths, game theory, evolution and even philosophy are discussed. The interdisciplinary aspect is a positive outcome, since the frontiers of Science today lie on the convenient but false boundaries between subjects.

DesCon (Design and Construction)

DesCon provides a platform for the students interested in the structural analysis and designing of buildings. Bringing together their engineering concepts and creative thinking, students design their own structures and examine them against various types of forces.

Techkriti '14

INSTITUTE FESTIVALS

Takneek

It is an inter-hall science and technology competition organized annually where students no matter UG or PG compete and show the potential of IITK junta in robotics, electronics, astronomy, coding, business etc.

Antaragni

Antaragni is the annual inter college cultural festival held in Oct/Nov. It is one of the most anticipated college festivals in India. National and international talents perform in fields like literature, drama, music and dance.

Udghosh

Udghosh, the annual inter college sports event organized by IIT Kanpur allows the students to exhibit their excellence in sports and showcase their talent in various fun games, shows etc.

Techkriti

Techkriti is the annual inter college technical festival where the technical excellence of IIT Kanpur and the bright minds all over the world unveil their projects and innovations in science, technology and entrepreneurship.

Impressions

Impressions is an annual cultural night for PG students giving an opportunity to explore themselves in dance, music, drama and fashion.

Galaxy

It is an inter hall cultural event where students from different halls battle with each other in dance, music etc. with a lot of talent, energy and enthusiasm.

Inferno

It is inter hall sports festival which brings out all the talent which then participates to bigger platform i.e. Inter IIT sports meet which is the highest level competition for IITians for sports.

LIFE AT IITK

As the season of autumn arrives, the falling leaves bid a goodbye paving their way for the new ones and so does the campus life. The new semester brings an ironic mixture of enthusiasm and anxiety to the life of its residents. The newbies are yet to get familiar with the surroundings, the culture and the people too! The campus is surely a treat to the eyes especially when the flora and fauna is considered. The new students get acquainted to the campus, thanks to the orientation program, senior-fresher interactions and fresher's nights.

As the camaraderie between the new students and the campus blossoms, here comes academic routine of lectures, labs and not to forget, the assignments. Days pass by as the canteens and the katta's can be seen flourishing again with the new joy. After the nerve wrecking academic schedule, the campus offers a refreshing time with music rooms, TT room, basketball, volleyball and badminton courts in each of the halls. The fitness freaks can hit the gyms or the swimming pool. The Sports Complex is also a home for all these recreational activities.

For the foodies and late night nomads, the New SAC is a great place to be. Also, there are canteens in each hall if one wants to grab a bite. Each hall of residence has many facilities like, reading room, TV room, computer room and that too 24x7! So, all the reading lovers, sport and movie maniacs and computer geeks can have their own time. Every room has a LAN connection with internet facility as well.

Wait, it's not over yet. The campus offers a big chunkload of extracurricular activities and events. There is Impressions, Galaxy, Udghosh etc. where one can showcase his or her talents and there are hall days and film festivals and last but not the least the annual extravaganza of IITK- Antaragni and Techkriti.The birthday celebrations here provide a special delight, with unrecognizable faces, shouting across the corridors and the parties. One feels here at home for the reason that all the festivals are celebrated with a lot of fervour.

Amidst all this, one can be sure of adding some to the best times of his life.

This is what the life at IITK offers, and now it's your time to experience this.

We welcome you here with all the love!

SOME USEFUL INFORMATION

Things To Carry

You are advised to bring the following with you. These are also available in the Shopping Centre, IIT Kanpur
• Two locks (One each for your room and wardrobe)
• Mattress, Pillow, Linen, winter clothing, alarm clock, umbrella, raincoat,etc.
• A scientific calculator (preferably with complex number functions)

Checklist

• Class X Certificate (original + 4 Photocopies)
• Class XII Certificate (original + 4 Photocopies)
• Graduation Certificate (original + 4 Photocopies)
• Post Graduation Course/Course Completion Certificate/Final year mark sheet (original + 4 Photocopies)
• GATE/NET/CSIR-UGC Certificate (original + 4 Photocopies)
• At least 8 passport size photographs
• Admission offer letter from your department (Original + 1 Photocopy)
• Demand Drafts are to be brought as per department offer letter
• Medical Report including following:
    -Blood Group & RH factor
    -Haemoglobin Percentage
    -Blood Sugar Random
    -Urine Examination complete

Photo Credits:
www.iitk.ac.in, the Film And Media Council, The Photography Club and The Fine Arts Club

CONTACT INFORMATION

Senior Members

Name	Designation	Contact no.	Email
Prof. A. K. Ghosh	Dean of Student's Affair	0512-2597716	dosa@@iitk.ac.in
Prof. Mukesh Sharma	Head, Counselling Service	0512-2597759	mukesh@iitk.ac.in
Mrs. Sharmistha Chakroborty	Counsellor	0512-2597165	sharmist@iitk.ac.in
Mrs. Rita Shukla	Associate Counsellor	0512-2597784	rita@iitk.ac.in

PG Core Team

Name	IITK email	Contact No.	Hall of Residence
Aniket Patole	anikpats@iitk.ac.in	+91-7275764847	11
Anurag Singh	anurags@iitk.ac.in	+91-8090153911	08
Himanshu Panday	hpanday@iitk.ac.in	+91-8577087877	11
Kumar Saurav	krsaurav@iitk.ac.in	+91-7388432888	04
Menaka Attmaja Ray	maray@iitk.ac.in	-	06
Priyajeet Kaur	priyakr@iitk.ac.in	-	GH 1
Pulkit Saraswat	pulsar@iitk.ac.in	+91-9052000585	11
Rajan Dokania	rdokania@iitk.ac.in	+91-7408226330	07
Vaishnavi Bhope	vdbhope@iitk.ac.in	-	GH 1

INDIAN INSTITUTE OF TECHNOLOGY KANPUR

COUNSELLING SERVICE

House No.503, IIT-Kanpur,Kanpur-208016

☎ 0512-2597784

✉ counsel@iitk.ac.in

🖥 www.iitk.ac.in/counsel/cs