The Indian Institute of Technology, Kanpur is among one of the institutions of national importance which are established through an act of Indian parliament to provide education of internationally recognised excellence in Science, Engineering, Technology and Humanities & Social Sciences. The Institute is located on the historic Grand Trunk Road ten kilometers west of Kanpur. It is a research-oriented university and landscaped for environmental freedom. Halls of residence, faculty houses, community centres, students’ activity centres (Indoor/outdoor state of the art of sports Complex, Gymnasium, Auditoriums etc.) and parks provide a free and friendly ambience.

From its very inception, IIT Kanpur has striven to develop itself into an institution of excellence in education and research preparing the leaders of modern India. In its quest for excellence, IIT Kanpur has internalized a drive to rise to the contemporary and future demands of need-oriented education. The Institute is now recognized as a major centre of training in engineering, sciences, humanities & social sciences and several interdisciplinary areas. In addition to training students in formal undergraduate and postgraduate programmes, the institute is involved with continuing education, research in basic sciences, engineering, and the humanities and social sciences as well as research and development in areas of value to industry. The Institute has considerably strengthened its facilities and faculty to participate in a major way in the national scientific and technological endeavors. The Institute has always made special efforts to admit high quality students.

RESEARCH PROGRAMMES AVAILABLE FOR 2016-17 SEMESTER

Ph.D. in Engineering:
- Aerospace Engineering
- Biological Sciences & Bio-Engineering
- Chemical Engineering, Civil Engineering
- Computer Science & Engineering
- Electrical Engineering, Industrial & Management Engineering (all areas of Management)
- Materials Science & Engineering
- Mechanical Science (Interdisciplinary Programme)
- Mechanical Engineering, Nuclear Engineering

M.Tech. in Engineering:
- Aerospace Engineering, Biological Sciences & Bio-Engineering
- Chemical Engineering, Civil Engineering
- Computer Science & Engineering
- Earth Sciences, Electrical Engineering, Industrial & Management Engineering (all areas of Management)
- Materials Science & Engineering
- Mechanical Science (Interdisciplinary Programme)
- Mechanical Engineering, Nuclear Engineering

Master of Design (M.Des.):
- Interdisciplinary Programme

M.S. in Research:
- Civil Engineering, Chemical Engineering, Civil Engineering, Computer Science & Engineering, Electrical Engineering, Mechanical Engineering, Photons Science & Engineering (Interdisciplinary Programme)

ELIGIBILITY REQUIREMENTS

The eligibility conditions given below are the absolute minimum. Departments may prescribe specific requirements over and above these conditions. The "specified minimum" marks/CPI (Cumulative Performance Index) referred to in the rules, implies a minimum of 55 percent marks/5.5 CPI or a percentile rank of an allied area while satisfying each of the following three criteria:

(a) A minimum of 65 percent marks/6.5 CPI in the major degree.
(b) First division in bachelor’s degree, and
(c) A minimum of 55 percent marks/5.5 CPI in the major degree.

For admission into Ph.D. in Mathematics and Physics, applicants must have master’s degree in science/maths with a minimum CPI of 6.0.

A valid GATE score is required for the candidates with a bachelor’s degree in Engineering, except in the case of candidates who have a bachelor’s degree in Engineering from the Centrally Funded Technical Institutes (CFTIs). The candidate with a master’s degree in science/arts/commerce must either have a valid GATE/CAT/GMAT score or have qualified for JRF/NET.

Ph.D. in Design:
- Applicant must have a master’s degree in Engineering/Design with marks/CPI not below the specified minimum. The applicant must also have a bachelor’s degree in Engineering/Design (or science) with a minimum of 75 percent marks/7.5 CPI or a percentile rank of an allied area while satisfying each of the following three criteria:

(a) A minimum of 65 percent marks/6.5 CPI in the major degree.
(b) First division in bachelor’s degree, and
(c) A minimum of 55 percent or higher in GATE/CAT/GMAT.

A valid GATE/CEED score is required for the candidates with a bachelor’s degree in Engineering /Design/Architecture, except in the case of candidates with bachelor’s degree in Engineering from the Centrally Funded Technical Institutes (CFTIs).

M. Tech.:
- Applicants must have a bachelor’s degree in engineering of science (4 year programme) or a master’s degree in science with marks/CPI not below the specified minimum.

M.Des. (Master of Design):
- Applicant must have a master’s degree in Engineering/Science (4 year programme) or a bachelor’s degree in Engineering/Design (or science) with a minimum of 75 percent marks/7.5 CPI or a percentile rank of an allied area while satisfying each of the following three criteria:

- First division in bachelor’s degree, and
- A minimum of 55 percent or higher in GATE/CAT/GMAT.
- A valid GATE/CEED score is required for the candidates with a bachelor’s degree in Engineering /Design/Architecture, except in the case of candidates with bachelor’s degree in Engineering from the Centrally Funded Technical Institutes (CFTIs).

M.S. (Research):
- Applicant must have a bachelor’s degree in Engineering, Civil Engineering, Physics Science and Engineering and Computer Engineering. Applicants must have a bachelor’s degree in Engineering or science (4 year programme) or a master’s degree in science with marks/CPI not below the specified minimum. The requirement of GATE/CEED score is waived for the candidates with M.B.B.S. degree as well as for the B.Tech. graduates from IITs with a minimum overall CPI of 6.5 and a minimum CPI of 8.0 in the last two years of B.Tech.

CAMPUS FACILITIES

Residence

There are Twelve Hostels that provide on campus accommodation for about 5500 male and 800 female students. Some hostels are designated only for female students. The majority of the hostel rooms are long-term (staying for more than one year). The remaining are short-term (staying for less than one year) which are available at any time of the year. One hundred forty (140) Single Bed Room Apartments (SBRA) have been earmarked for allotment to the married students. The married students are, however, advised to bring their family only after allotment of an SBRA, which may take a few months.

Computational Facilities

The computer centre facilities round the clock and is divided into various zones that host computing and other servers, parallel clusters for different projects, office automation services and soft switch based telephone services. The Institute Computer Centre has two High Performance Computing setups, which have ranked 369 and 130 in top 500 lists (Top500, November 2010 and June 2013 lists respectively). The second cluster ranked 115 in the top 500 lists in June 2014 with the addition of extra nodes. Together, these setups have 1373 nodes.

The Institute has a fully managed local Area Network of more than 20000 nodes, connecting all the hostal rooms, offices and the laboratories with internet network. It has 4 Gbps connectivity to the Internet via different internet service providers. There are labs with over 400 computers. The labs and the computational infrastructure hosts a wide variety of general as well as specialized application software in areas like simulation, modeling, data management & processing. Infrastructure facilities are being improved. Services like, book overdues email alert, inter library loan, new arrival alert, online renewal facility, photocopying and online reference services are being provided. Users can access the library facilities from outside the campus using VPN. Our library is a core member of e-Shodh Sindhu consortium (hosted by INFLIBNET, Ahmedabad) through which thousands of digital resources are made accessible to the users. Library remains open all days of the year except 7 days which include national holidays. It is open around the clock during examinations.

Placement

The Indian Institute of Technology Kanpur is well known for its academic excellence and is considered as the ‘first stop’ for a large number of leading organizations of both National and International repute for campus recruitment, and offer excellent career opportunities to the graduating students.

Sports & Recreation

The Institute provides excellent facilities for indoor and outdoor games. There are other recreational facilities as well This Institute has an Olympic size swimming pool, a vibrant music club and several other active clubs that are run by Student Government.

Health Centre

The Institute has an on campus well-equipped health center and a team of highly qualified Doctors. Institute’s Health Centre is having OPD, Indoor facilities (with 34 beds) Pathology Testing facility, X-ray and Physiotherapy Lab, In addition to regular Doctors, some specially Doctors also visit the Health Centre regularly. Special clinics are arranged for students in hostels also.

GENERAL INFORMATION

- The institute, being residential, requires that all registered students must reside in the campus.
- Financial Aid/Research/Post Assistantships/Fellowship (Scholarship) are available to M.Tech., M.Des. & Ph.D. Students. Several attractive Fellowships from Industries/Department of Atomic Energy (DAE)/DST/CISF/DEIT/ are available to M.Tech. & M.Des. Students. For more information, contact the Placement Office.
- For information brochure containing details of various PG programmes visit: http://www.iiit.ac.in/iiit/gate/gate/information.
- The online applications portal will be available from 18-03-2016, 08-11-2016.
- Reservation shall apply as per Govt. of India rules.

(c) JRF/NET, GATE, CAT or GMAT are not required for candidates for others.