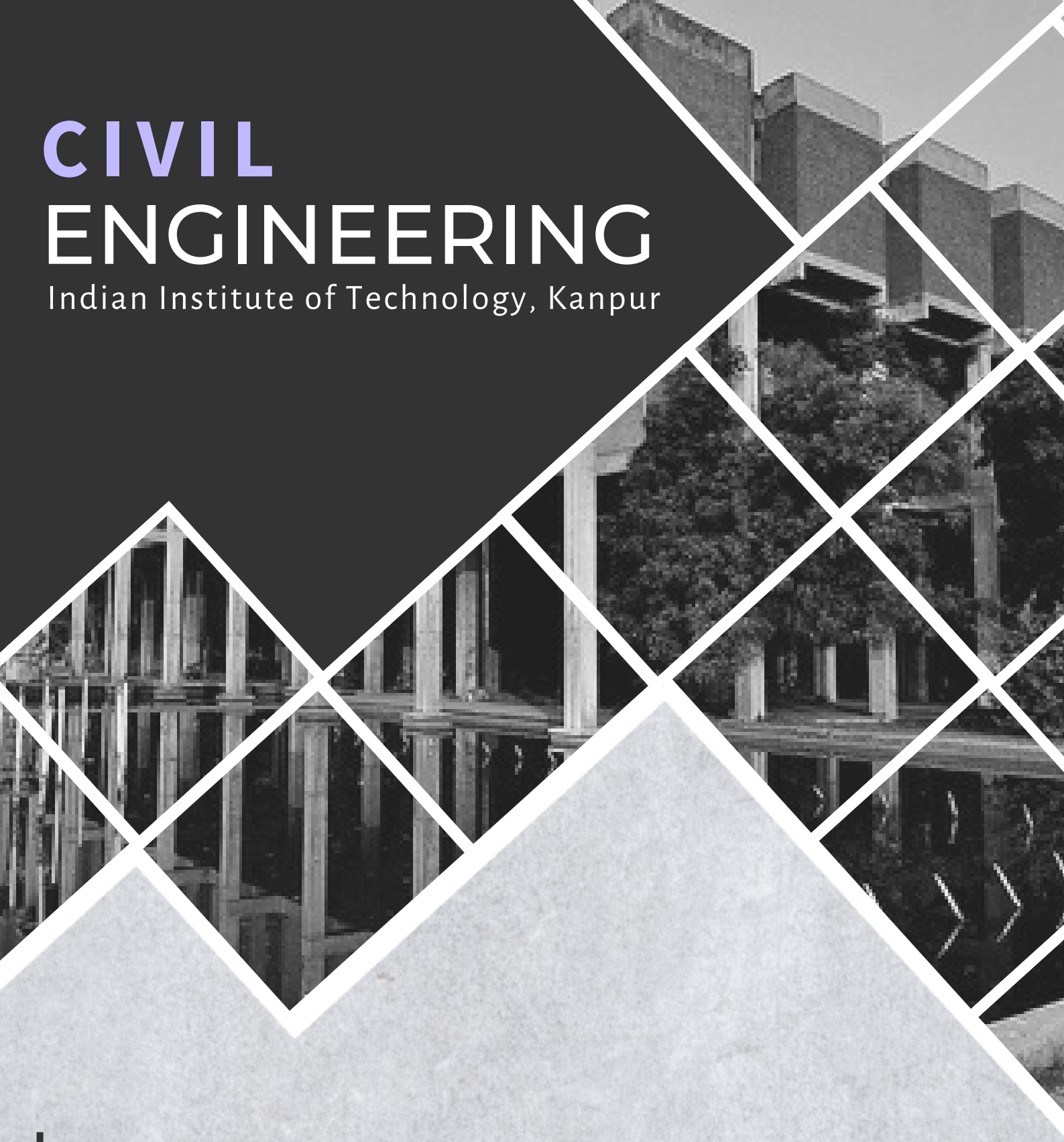
CIVIL ENGINEERING

Indian Institute of Technology, Kanpur



PLACEMENT BROCHURE 2022-23

CONTENTS

1 OVERVIEW & VISION

2 MESSAGE FROM HoD

3 DEPARTMENT STASTISTICS

4 EXTRA ACTIVITIES

5 SPECIALIZATIONS

6 ALUMNI & RECRUITERS

7 CONTACTS

Overview

Department of Civil Engineering

Established in 1961, the department offers B. Tech, M. Tech, Dual, MSR and PhD degrees producing high-quality technical manpower. With over 485 industry projects & 624 published papers in last 7 years, the department is at forefront of innovation.

Vision

The department aims for international recognition and excellence in research, teaching, ranking and employability. Blurring the lines between technology and traditional civil engineering to innovate with an overall goal of providing a sustainable future.

Message from HoD

Warm Welcomes!

As technologies change and industries evolve, they need brilliant young minds with exceptional analytical abilities, open mindsets and out of the box problem solving skills. Such students of our graduating class are seeking appealing opportunities that will enable them to reach their full potential.

At Department of Civil Engineering, we enable students in all-round skill development with rigorous coursework, up to date technological advancements and hands on exposure to experiments.

With flexible course system, students can choose from 48 UG and 96 PG courses offered by the department with an increasing choice of 7 to 10 courses per year to keep up with industry advancements. Each UG student is also required to take 55 course-credits in Humanities and Social Sciences department which greatly enhances their outlook towards the society and its needs. PG students, who are admitted at IITK after a very tough entrance procedure, undergo advanced coursework and get exposure to research under the able guidance of faculties who themselves are renowned researchers in their respective fields.

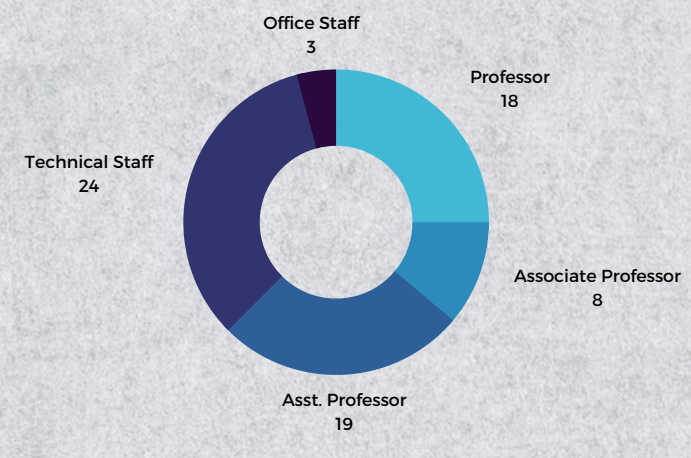
The department encourages, and students participate in a plethora of extra-curricular activities, which expose them and test their skills in sports, culture, dramatics, music among many other. They also conceptualize, organize and manage events at IIT, which allow students to develop a healthy and all round personality.

I am sure our team of placement coordinators will ensure that the recruitment process becomes a pleasing experience. We are always eager to improve and open for any suggestions from recruiters. With this, I again welcome all the recruiters to Department of Civil Engineering. We look forward to welcoming you for the placements and wish a happy placement experience!

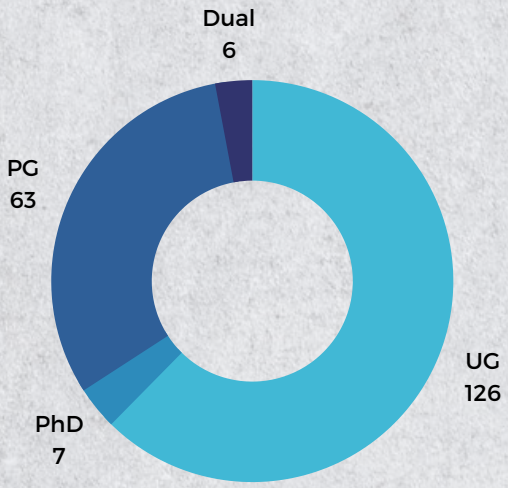
Warm Regards,
Dr. Tarun Gupta
Head of Department, Civil Engineering
IIT Kanpur

Department statistics

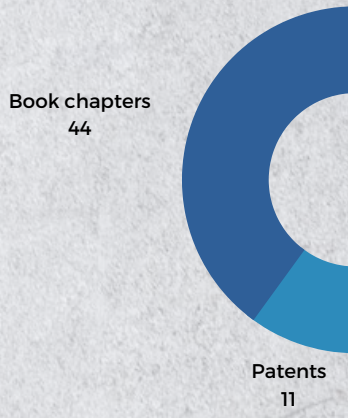
Staff strength



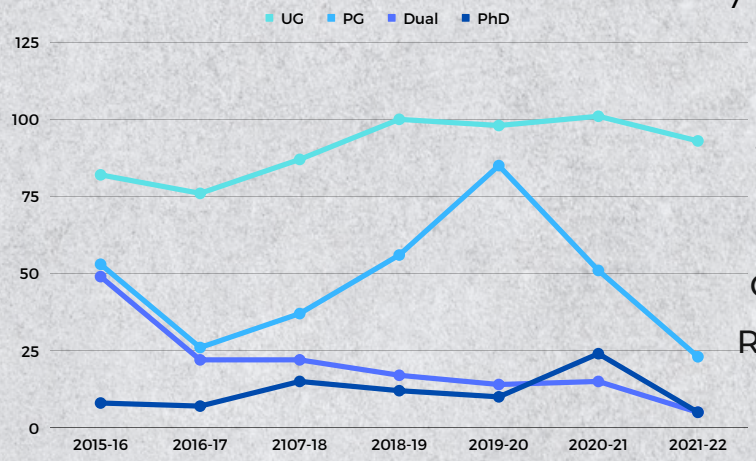
Graduating batch



Accolades!



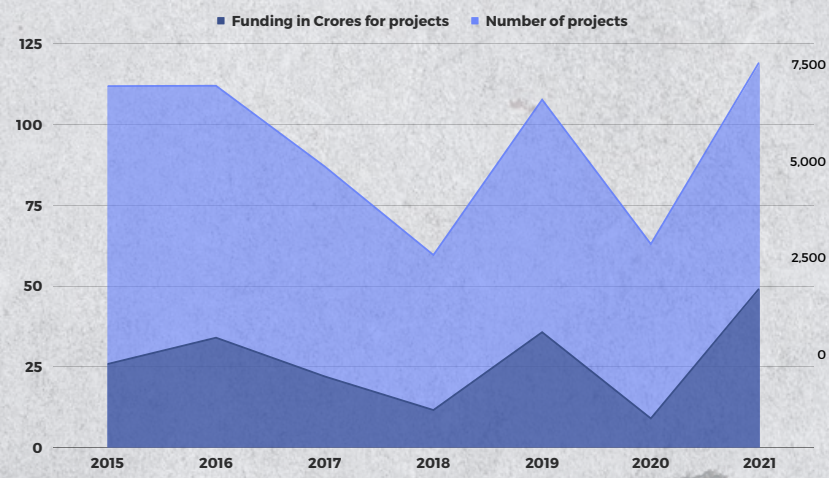
Graduates per year



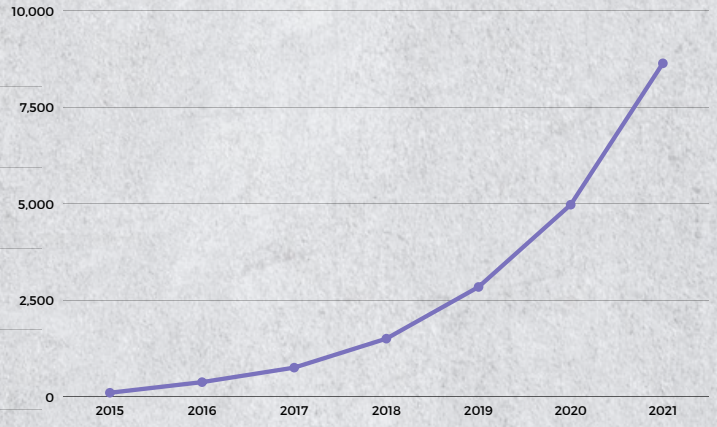
Minimum credit requirements

	UG	Dual	PG	PhD
Total	--	144	144	144
Courses	426	36	72	36
Research	--	72	72	72

Industry project profile



Number of Citations



Extra Activities!

Society of Civil Engineers
Indian Institute of Technology, Kanpur

Society of Civil Engineers, IIT Kanpur is a non-profit org, serving as a bridge between civil engineering students, industry and academia represented by alumni and professors of IIT Kanpur, respectively.

Activities by SoCE

EVENTS	Intern chats, workshops, freshers & farewells
STRENGTHS MAGAZINE	Annual magazine of department
ALUMNI CONNECT	Exposure to industries via alums talks & blogs
COFFEE WITH PROFS	To facilitate deeper connect with faculties

Students also plan, manage and execute various institutions' meets and fests during their stay at IIT Kanpur outside the department.

Students Gymkhana

Science & Technology Council

Sports Council

Media & Cultural Council

Entrepreneurship Cell

Vox Populi

Antragini

Techkriti

Udghosh

Specializations

Structural Engineering

With 9 faculties & ≈1500 sqm of labs, structural engineering group conducts state of the art research from to scale experiments for seismic & dynamic loads to studying material behaviours and modelling them. Much research is also on SHM, IoT, sensor tech and AI for asset management.

Webpage | Photos

Infrastructure Engineering & Management

Interdisciplinary branch of IEM stemmed out of need for cross specialization integration to make projects a success. The group focuses on traditional project management as well as contracts, stakeholder, asset and environment management & planning on facility & system levels.

Webpage

Specializations

Environmental Engineering

With 8 renowned faculties, environmental engineering group does some of the leading research in contaminant fate modelling and control. Several instruments are also designed indigenously. Focus to water and waste water as well as climate change and sustainability are at the forefront of department.

Webpage | Photos

Geoinformatics Engineering

House to the National Centre of Geodesy, Geoinformatics department leads the way in the field of advanced surveying. Major areas of research are Satellite data processing and application, GIS, Laser scanning technology and applications.

Webpage | Photos

Specializations

Geotechnical Engineering

Spanning over ≈900 sqm, geotechnical group conducts innovative research in foundation engineering, geotechnical earthquake engineering and ground improvement techniques. Advanced research facilities for rock mass and tunneling are also developed.

Webpage | Photos

Hydraulics & Water Resources Engineering

One of the largest labs at IITK with ≈1000 sqm area, HWRE group works on subsurface flow modelling and allied fields, sediment transport and experimental hydraulics. Prime importance is also given to effect of Climate change on surface and sub-surface flows.

Webpage | Photos

Specializations

Transportation Engineering

Transportation group works on some of the most advanced IT technologies available and their applications in Traffic systems, smart transportation system & infrastructure management. Sophisticated research on materials, pavement engineering, safety and networks is also carried out.

Webpage | Photos

Our Alums!

Dr. Devendra Shukla
BT-1967

Founder of Innovative Technical Solutions (ITSI), one of the strongest infrastructure & environmental businesses in USA.

Dr. Udai P. Singh
BT-1972

Secretary General ACECC, consisting of 15 countries. He was the VP of CH2M HILL. First Indian American elected as the President of ASCE - EWRI.

Mr. Yadupati Singhania
BT-1977

Found & revolutionized the white cement industry in the India, first ever to computerize kiln operations with JK Cements using fuzzy logic system.

Mr. Prabhat Singh
BT-1980

He is credited with putting India on the world gas map. He currently serves as the CEO and MD of Petronet LNG. His notable contribution is worlds longest LNG Pipeline.

Mr. Satyendra Kumar Dubey
BT-1994

An IES whistleblower for NHAI, he fought corruption. *"Don't remember me or my work, just one request, remember my message."*

Mr. Vikas Kumar
BT-1997

Mr. Vikas Kumar, a highly acclaimed IPS officer of Rajasthan cadre, credited with uprooting the menace of illegal mining in Eastern Rajasthan region.

Our Recruiters!

CATERPILLAR
AIRBUS
ALSTOM
KEC
KEC INTERNATIONAL LIMITED
TATA PROJECTS
Simplify.Create
AFCONS
Thornton Tomasetti
ABG
ABG Shipyard Limited
Schlumberger
EATON
हिन्दुस्तान पेट्रोलियम
HP
BUROHAPPOLD ENGINEERING
LARSEN & TOUBRO
AECOM
egis
कोल इण्डिया
Coal India
EIL
dar
Infratech
ATKINS
Member of the SNC-Lavalin Group
HALLIBURTON
भा रा रा प्रा
NHAI
A Navratna Company
ExxonMobil
GEODATA
IL&FS
OCEANEERING
M
ERM
ESSAR
MOTT MACDONALD
LERA
Consulting Structural Engineers
RAMBOLL
Trimble
SMEC
Member of the Surbana Jurong Group
URS
Walmart
WABAG
UEM
RioTinto

Contact Us!

Meet Saiya

Final year Postgraduate,
Infrastructure Engineering and Management,
Department of Civil Engineering
IIT Kanpur
meets21@iitk.ac.in
+91 83845 54004

Ajay Kumar

Final Year Postgraduate
Geotechnical Engineering,
Department of Civil Engineering
IIT Kanpur
ajaysk21@iitk.ac.in
+91 85068 01940

Brochure Credits

Harsh Vardhan

harshv21@iitk.ac.in
+91 63061040019

Sanju Kakerwar

sanjuk21@iitk.ac.in
+91 7296883277

Yagyavalkya Soan

ysoan21@iitk.ac.in
+91 9575212839

Rustam Pardhi

rustamt20@iitk.ac.in
+91 9049531002

Ajeet Kushwaha

ajeet20@iitk.ac.in
+91 8542890978

Dilkesh Meena

dilkeshm21@iitk.ac.in
+91 6376171193

THANK YOU!