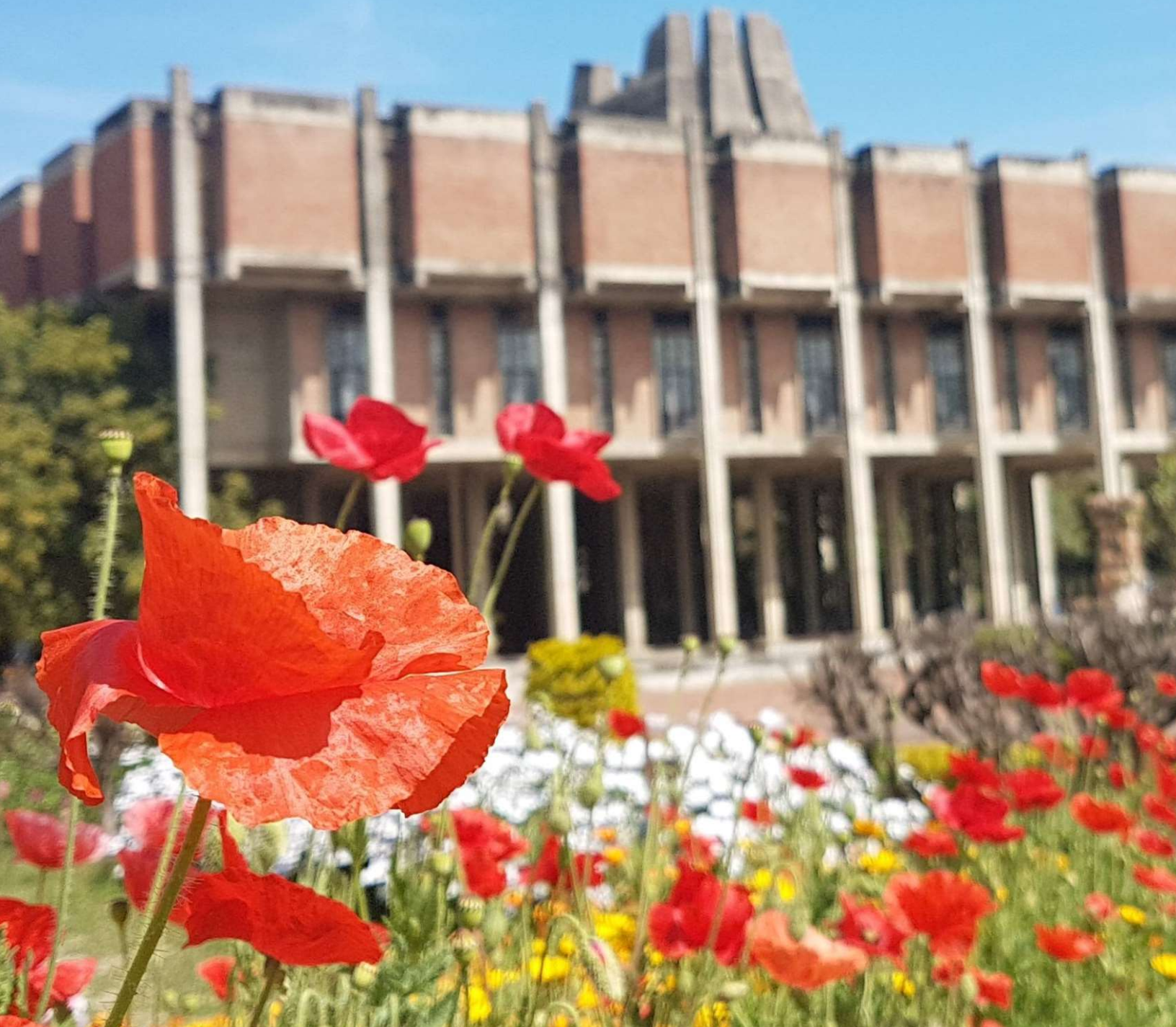
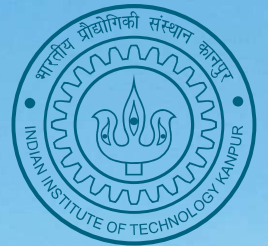


Information for Prospective Faculty

**Department of Chemical Engineering
IIT KANPUR**



About us

We rank among the best in the nation and our dedication towards academic and research excellence is highly recognised nationally and internationally. Since the inception of the department in 1959, the strong research ethos has been carefully nurtured and passed on through the generations. A hallmark of our department is the zeal and emphasis on quality

education as reflected in the over 50 ChemE textbooks written by our faculty, many receiving international acceptance. Through this wholesome commitment over the years, we are at the forefront of chemical engineering education and research, contributing significantly to the socioeconomic growth of the country and the world. Our fundamental values are centred around providing an intellectually stimulating environment for both students and faculty. Our alumni continue to excel after graduation and distinguish themselves in both academia and industry.

For more details visit: <https://www.iitk.ac.in/che>



State-of-the-art research facilities

- Dedicated Post Graduate Research Lab
- Nano Science Center
- Advanced Imaging Center
- Center for Environmental Science
- Flexible Electronics Center
- High-Performance Computing Facility
- Medical Research Center (upcoming)



Energy and Sustainability



Biotechnology and Bio-systems



Theory, Computation and Machine Learning



Complex fluids and Soft Matter

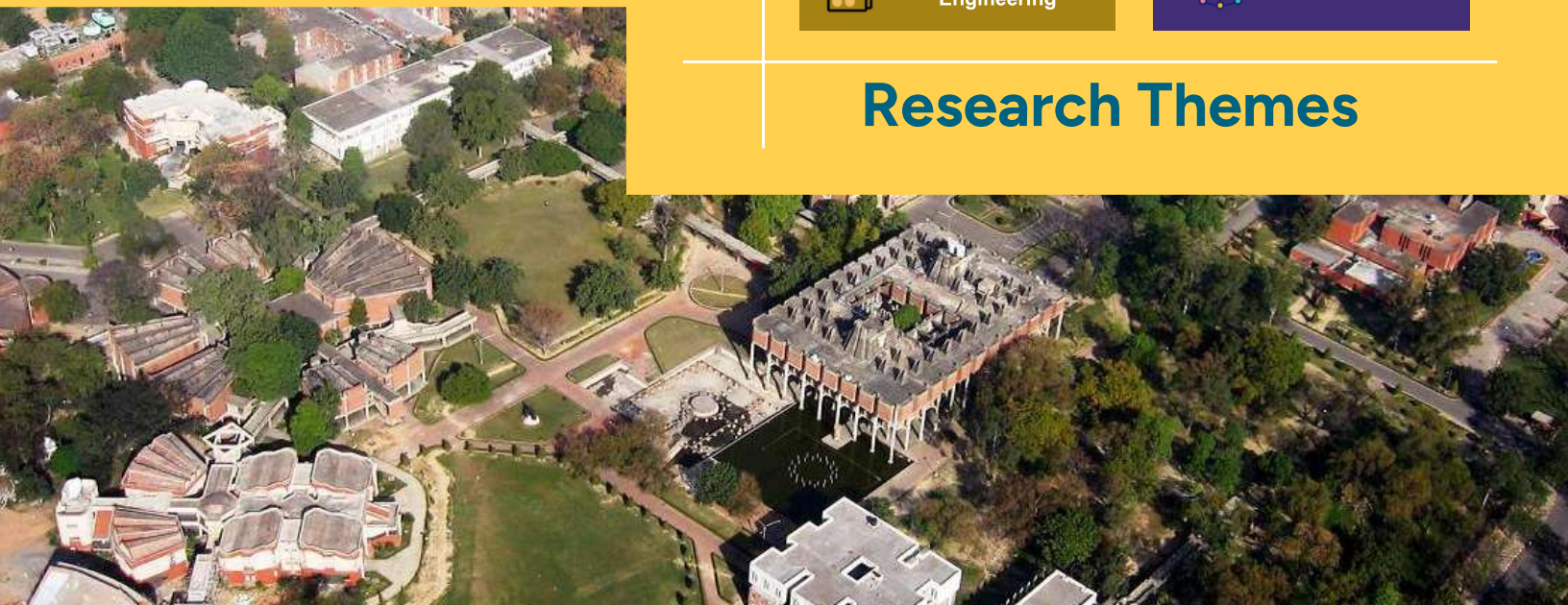


Catalysis and Reaction Engineering



Materials and Nanotechnology

Research Themes



Prospective Faculty

Department of Chemical Engineering, IIT Kanpur welcomes applications at all levels. Candidates should hold a PhD with strong academic background and commitment to high quality education (both UG and PG level) and innovative research. New faculty are promptly supported by the Institute through healthy start-up grants, travel support, spacious lab and office spaces, ample on campus housing etc.

IIT Kanpur is renowned for its liberal ambience and dynamism, and we would love to welcome you amidst its fraternity of scholars, staff, and students.

For more details visit: <https://www.iitk.ac.in/dofa/faculty-benefits>

- Top-up fellowship for 3 years at joining
- Complete freedom over academics & research
- Non-hierarchical distribution of resources
- Highly competent faculty and students
- Access to modern research facilities
- Funding for at least one postdoc from the Institute
- Appealing research seed funding opportunities for new faculty
- Opportunity to actively engage with startups and participate in incubation process

Soumik Das: "The strong academic culture of IITK, and the scope of collaborations both within and outside the department were key factors in joining the ChemE department"
(Previously Postdoc at Cornell University)

Akash Choudhary: "In addition to a unique pedagogical outlook on research, the camaraderie and synergy among colleagues motivated me to join the ChemE department"
(Previously Postdoc at TU Berlin)

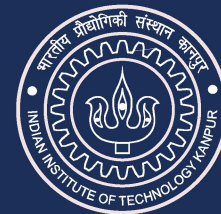
Sana Khanum: "I chose to return to my alma mater because of its remarkable academic environment, strong commitment to innovative research, and vibrant campus ambience."
(Previously Postdoc at University of Chicago)

Ishan Bajaj: "I joined this ChemE department because of the rigorous academic programmes and the impactful scientific research conducted by the faculty and the students"
(Previously Asst. Prof. at IIT Roorkee)

Salman Ahmad Khan: "I joined IIT Kanpur because of its strong academic legacy with graduate alumni placed across India in top departments, arguably the most from any Chemical Engineering department in the country. In addition, its collaborative and supportive research environment and a really strong emphasis on teaching made it the right fit for me."
(Previously Postdoc at University of Delaware)

Campus Life

- › Modern spacious on-campus housing in lush green, serene and safe environment
- › On-campus amenities including dedicated sports complex, gliding club, gyms swimming pool, yoga centers etc
- › Shopping centers to cater everyday basic needs, banks and eateries
- › Fully functional day care & schools for kids (upto senior secondary)
- › Round the clock Health Center for medical needs.
- › Dedicated spouse employment cell
- › Upcoming School of Medical Research and Technology (500 bed hospital)
- › Vigilant security ensures safety of all campus residents
- › Good connectivity to other cities via air, rail and road
- › Metro connects IIT campus to the city



Centres & Facilities

Centres

Advanced Centre for Material Science (ACMS)
Advanced Centre for Electronic Systems (ACES)
Advanced Imaging Centre
Centre for Environmental Science & Engineering
Centre for Mechatronics
Centre for Lasers and Photonics
Computer Aided Design Laboratory
Centre for Nanosciences
Prabhu Goel Research Centre for Computer and Internet Security
Samtel Centre for Display Technologies
SIDBI Innovation and Incubation Centre
Center for Mathematical Sciences
Syndicate Bank Entrepreneurship Research and Training Centre (SBERTC)
Centre for Continuing Education (CCE)
Electronic and ICT Academy (EICT Academy)
Centre for Energy Regulation (CER)
Center for Ganga River Basin Management and Studies
Energy Analytics Lab (EAL)
Rice-IITK Collaborative Center
Mehta Family Centre for Engineering in Medicine
IIT Kanpur-La Trobe University Research Academy
Chandrakanta Kesavan Center for Energy Policy and Climate Solutions
Just Transition Research Centre (JTRC)
MedTech IIT Kanpur

Departments

Engineering

Aerospace Engineering
Biological Sciences & Bioengineering
Chemical Engineering
Civil Engineering
Computer Science & Engineering
Design
Electrical Engineering
Management Sciences
Materials Science & Engineering
Mechanical Engineering
Sustainable Energy Engineering

Inter-disciplinary Programs

Materials Science Programme
Nuclear Engineering & Technology
Photonics Science and Engineering Programme

Medical School

Upcoming Gangwal School of Medical Sciences and Technology

Sciences

Chemistry
Cognitive Science
Earth Sciences
Mathematics & Statistics
Physics
Space, Planetary & Astronomical Sciences & Eng.

Management

Department of Management Sciences



+91-512-259-7513



<https://www.iitk.ac.in/che/>



head_che@iitk.ac.in

