



INSTITUTE OF ENGINEERING & TECHNOLOGY,
LUCKNOW

PLACEMENT BROCHURE

CHEMICAL ENGINEERING DEPARTMENT
2019-20

Moment of Honour

It gives us immense pleasure and honour to announce that our institute has been awarded with the "**India Excellence Award 2017**" for the **Best government college in North India**, by the Ministry of Human Resource Department (MHRD), Government of India.



Content

1. Message from Head Of Department
2. About the Department
3. Faculty Members
4. Lab and Facilities
5. Courses offered
6. Technical Clubs And Activities
7. Student Projects
8. Past Recruiters
9. Workshops & Internships
10. Contact Us

Message from

Head Of Department

The department of Chemical Engineering at IET Lucknow, is committed to excellence in chemical engineering education in the context of the evolving discipline. The department has a strong interdisciplinary core curriculum complemented by some specialized courses that include Petroleum Refining Engineering, Fertilizer Technology, Hazard and Safety Analysis, Design Catalytic Reactors, Advanced Separation Technique, High Polymer Technology, Surface Coating and Technology, Oil Technology, Biochemical Engineering. Research is an important focus of activity and the department has an excellent faculty who lead high quality research programmes in a wide spectrum of areas.

We emphasize on the importance of teamwork and value what each and every student, staff, and faculty member brings to the learning environment. Our goal is to instill in our students that their actions have impact both in what they produce as engineers and how they choose to live their lives in society--and that they can and will make a difference in the world upon graduation. The department is provided with very good experimental facilities for research and a strong technical staff. I am proud of our faculty in that each of them is a role model who inspires our students to be the best engineers and people they can be. Our alumni, have distinguished themselves both in academia and industry and have continued to inspire and support our current generation of students.

I, thereby, invite you to visit our Chemical Engineering department and see for yourself the unique environment and support we provide our students. I highly value our partnership with recruiters and friends of IET Lucknow and would remain committed towards making your recruiting experience productive and positive.

Dr. R P Ram

About the Department

The department offers an academic programme leading to B.Tech degree in chemical engineering. The department has a highly qualified faculty to guide the students at every step. The department has strength of highly qualified faculty, which give their valuable guidance to the students. Department headed by Shri R.P Ram..

The curriculum is fully updated and meets the industry requirements and trends in the industry. The electives provide an opportunity to the students to hone their practical skills and strengthen their practical and theoretical base.

The students who engage themselves in project work, seminars and have periodic visits at various research institutes.

▶ **Core curriculum :**

It offers a well-planned and balanced curriculum to enable students to cope up with the latest knowledge and rigorous industrial trends.

▶ **Electives :**

Along with inter-disciplinary core courses, the department offers some specialized courses that include Petroleum Refining Engineering, Fertilizer Technology, Hazard and safety analysis, design catalytic reactors, advanced Separation technique, high polymer technology, Surface coating And technology, oil technology, Biochemical Engineering.

Faculty Members

- ▶ **Dr Ram Pravesh Ram** Separation Processes Computational Fluid Dynamics, Non-Newtonian Flow, Modeling and Simulation,
- ▶ **Dr. Dhananjay Singh** Bioenergy, Environmental Biotechnology, Renewable Energy
- ▶ **Dr. Pradeep Kumar** Separation Process, Modular Modeling, Green Chemistry
- ▶ **Dr. Basudhrity Banerjee** Alternative Fuels lithium ion batteries and electrolyte recovery, Hydrogen Storage material, Ionic liquids, Molecular dynamics and Simulation, Plant designing
- ▶ **Dr. Rakesh Baghel** Hydrodynamics of helical and Spiral coils, Waste water treatment, Membrane based separation technology, Chemical reaction engineering
- ▶ **Dr. Vijay Singh** Ceramic Membrane Fabrication and its application of Oil water representation , Clean Coal Technological and Fruit Juice, Classification and Storage Study
- ▶ **Dr. Brajesh Kumar** Modeling and Simulation of chemical engineering System, Waste water treatment, Chemical Reaction Engineering, Chemical Engineering
- ▶ **Mr. Upendra Kumar Shukla** Computation Fluid Dynamics, Outside Vapor Deposition, Process Modeling Simulation, Modeling and Simulation of Mass Transfer Equipment, Numerical Computation for Research
- Ms. Ankita Sharma** Waste water treatment, Chemical Reaction Engineering, Mass Transfer, Heat Transfer

Lab And Facilities

The department has many laboratories that are fully-equipped and well maintained. These laboratories not only enhance the practical skills, but also strengthen the theoretical concepts. The various laboratories in the department include:

- Fluid mechanics and particle laboratory
- Heat transfer lab
- Mass transfer laboratory having computerized distilling column
- Chemical reaction engineering laboratory having plug flow reactor
- CSTR along with Batch Reactor
- Process instrumentation lab with experiments on proportional controller, PI controller, PID controller etc.
- CAD laboratory

For project reports, seminar works or for knowledge of latest developments, the students continuously visit CDRI, CMAP and CSIR. Every year a good percentage of students employed in reputed companies and pursue higher studies. With hard and proper guidance of faculty members, the students make their way to IISC, IITs and BARC.

Courses Offered

- Chemical Reaction Engineering
- Chemical Technology
- Computational Fluid Dynamics
- Environmental Pollution Monitoring and Control
- Fluid Mechanics
- Heat Transfer
- Intellectual Property Rights and Standardization
- Mass Transfer Operations
- Mechanical Operations
- Numerical Methods for Chemical Engineering
- Optimization Technique
- Process Calculation
- Process Design and Control
- Process Design and Economics
- Process Flow Sheet Simulation
- Process Integration
- Process Utility and Safety in Chemical Plants
- Statistical Design Of Experiments
- Thermodynamics

Technical Clubs And Activities

CHESS

The Chemical Engineering Student's Society was formed with the purpose to develop better relationships and foster a community in which people can work in a better way towards achieving their goals. The society's basic aim is channelized flow of knowledge and information from the respected faculty advisors to the senior students and thereby to the juniors.

It organizes annual conferences and workshops, thereby, ensuring to provide an excellent forum for both general lectures and more specialized presentations by eminent personalities of different organizations and Institutes.

The society, also organizes Paper presentations to nurture the ability of student to present their ideas.

Organizes annual branch festival **ALCHEMY** which covers different technical events like Frugal Engineering, Chem-E-Car, Quizzes , Seminars etc. so that the competitions bring out the best in each student.

ALCHEMY

It started with the aim of providing a platform for the IET student community to develop and showcase their technical as well as cultural abilities. The underline spirit of **ALCHEMY** was “To establish harmony and solidarity among juniors and seniors” a motto that has been followed by every **ALCHEMY** member since.

The activities culminate in a grand three days festival events in the campus.

Workshops and Industrial Visits

➤ **Workshop on Advances in Chemical Engineering And Technology**

Coordinator: Dr. Pradeep Kumar

Expert Lecture: Prof. Rajesh Khanna, IIT Delhi

Dr. Dharm Pal, NIT Raipur

Dr. Vimal Chandra Srivastava, IIT Roorkee

Dr. S K Saraswat, JNV, Jodhpur University

Dr. Avinash Chandra, TIET, Patiala

Dr. Ritunesh Kumar, IIT Indore

Dr. Rakesh Kumar, RGIPT Raibareilly

Dr. Abhishek Chandra, UIET, Kanpur

➤ **Workshop on Renewable Energy and Environment**

Coordinator: Dr. Dhananjay Singh

Expert Lecture: Prof. S K Awasthi, HBTI Kanpur

Prof. Anil Verma, IIT Delhi

Prof. I D Mall, IIT Roorkee

Dr. Rahul Dev, MNNIT Allahabad

Prof. Shishir Sinha, IIT Roorkee

➤ **Industrial Visit to BASF India Ltd.**

Students Intern in :



Past Recruiters



Contact Us

Institute Of Engineering And Technology
Sitapur Road, Lucknow 226021

Dr. Arun Kumar Tiwari

In-Charge

Training and Placement Cell

Email: aruntiwari@ietlucknow.ac.in

Amit Gautam

Student Representative

Training and Placement Cell

Mob: 9462255426

Email: amitgautam.che@gmail.com