



Department of Chemical Engineering



- **Mission**

- The department educates students at **all degree** levels that meet the present and future engineering needs of the country.
- Students are given **theoretical** engineering knowledge, hands- on **practical experience, professional ethics** along with team work and leadership skills.

- **Vision**

- To produce undergraduates and postgraduates in the field of Chemical Engineering.
- To carry out **high quality cutting edge research** that
 - ❑ Supports the department's educational objectives
 - ❑ Assists in the economic development of the nation, with emphasis on **North-East** region.
- To develop and serve practicing engineers, industry, government, educational and technical societies through consultancy work by providing professional expertise.



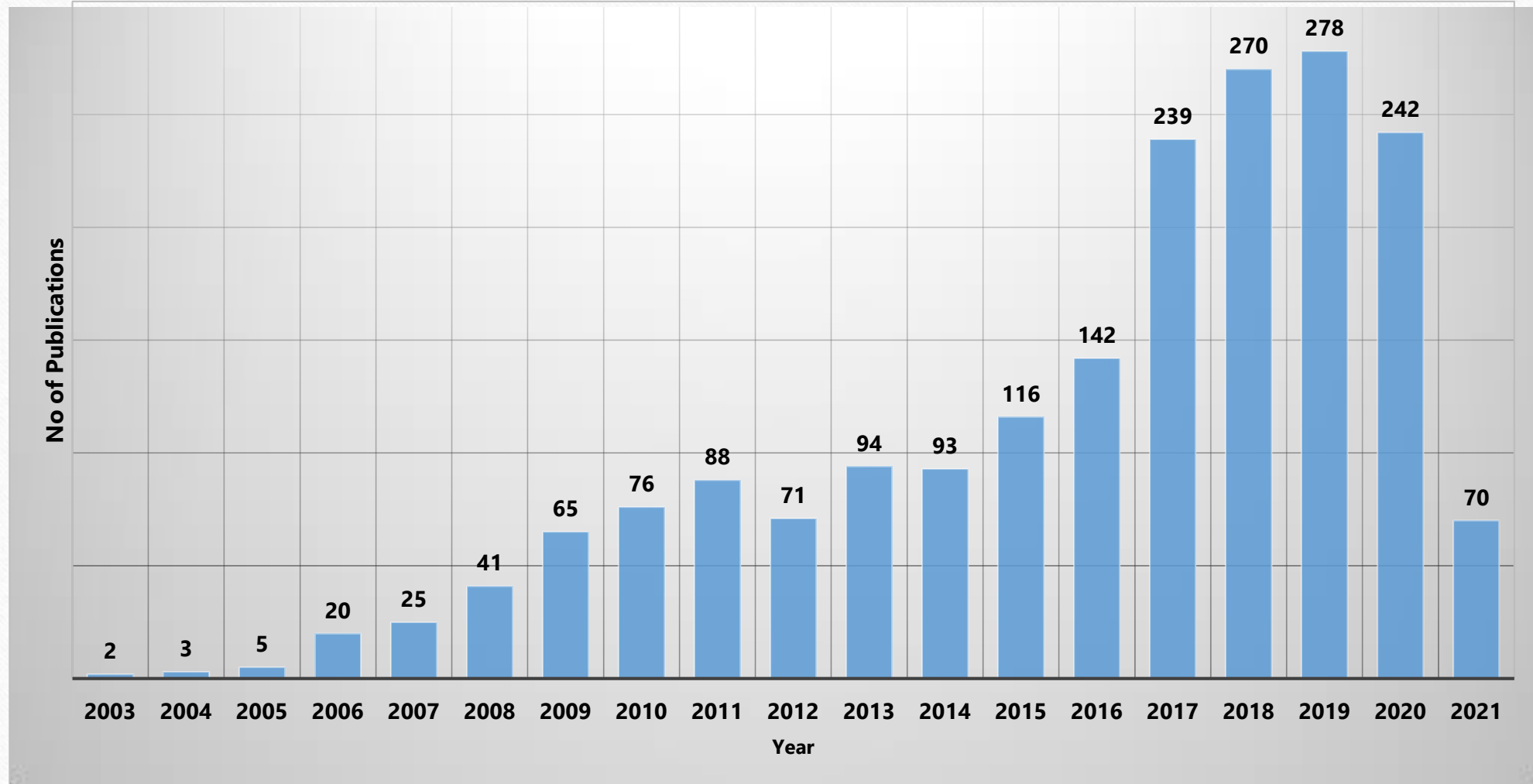
Research Areas

- Energy Engineering
- Materials
- Process Systems Engineering
- Transport Processes
- Separation Processes
- Catalysis and Reaction Engineering
- Environmental Pollution Control
- Polymer Science and Engineering

The Department was granted Centre of Excellence in Sustainable Polymers sponsored by Department of Chemicals & Petrochemicals (DCPC), Government of India between 2014-19. This has now been converted in an independent Centre.

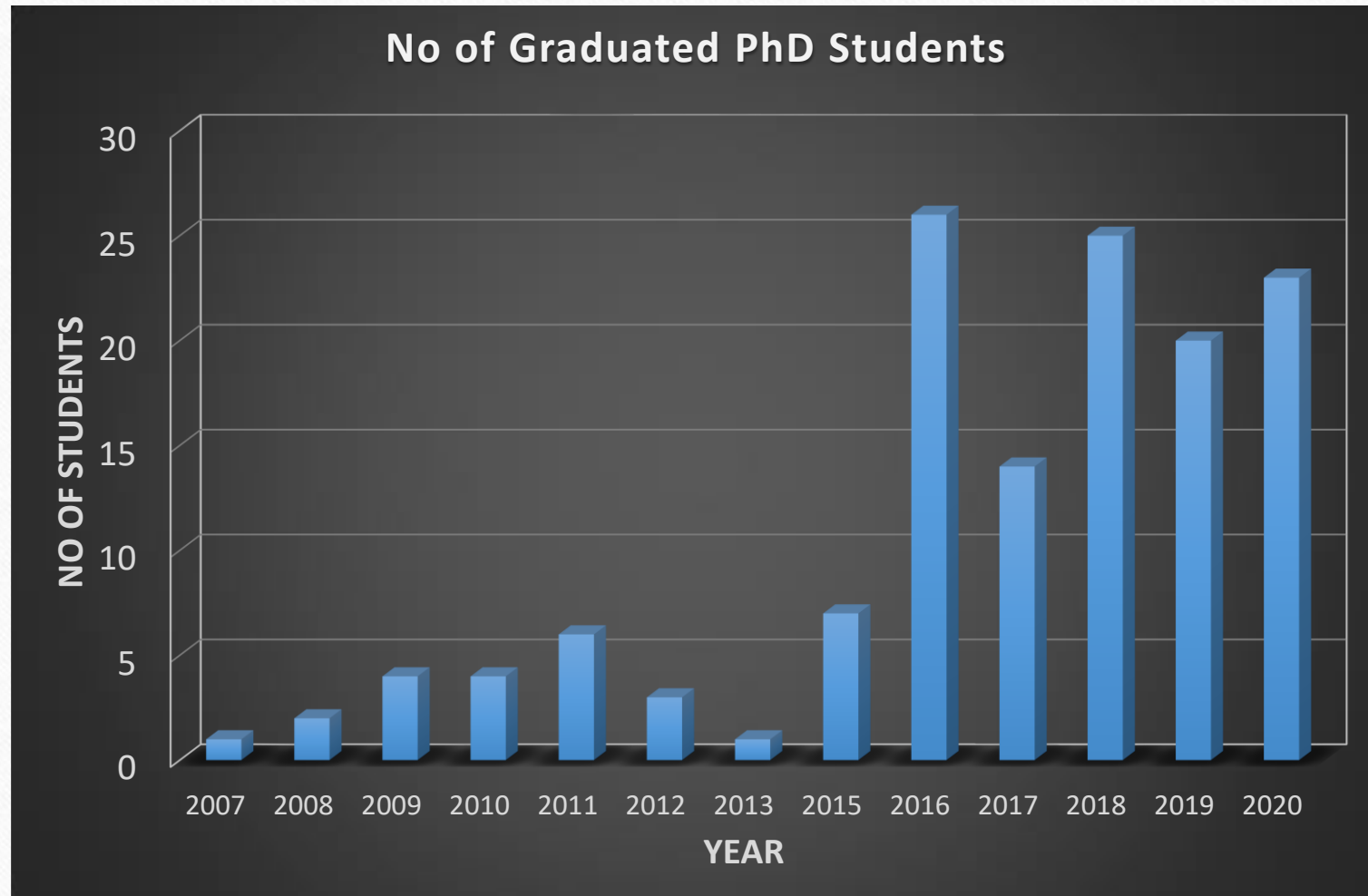


Publications





Statistics of Graduated PhD Students





Research Funding

Sponsoring Institute

- Department of Science and Technology
- Council of Scientific and Industrial Research
- Department of Biotechnology
- Defence Research and Development Organization
- Department of Atomic Energy
- MHRD
- Rubotherm, Germany
- DeitY
- DBT, New Delhi
- Ministry of Chemicals and Fertilizers
- Hindustan Unilever Research Centre
- Ministry of Food Processing Industries
- Oil India Limited
- Eureka Forbes
- Bharat Heavy Electricals Limited
- IMPRINT

R&D Sponsored Projects

Year	Amount (Rs)
2016-2017	₹ 2.37 Crore
2017-2018	₹ 3.9 Crore
2018-2019	₹ 5.98 Crore
2019-2020	₹ 10.59 Crore
2020-2021	₹ 1.29 Crore



Awards and Recognitions to Faculty Members

- ❖ Prof. Prabirkumar Saha has received the fellow of the Indian Institute of Chemical Engineers
- ❖ Prof. Mihir Kumar Purkait has received the fellow of the Institution of Engineering and Technology (FIET), UK (2020)
- ❖ Prof. Mihir Kumar Purkait has received the fellow of West Bengal Academy of Science and Technology (FAScT) 2021
- ❖ Prof. Mihir Kumar Purkait has received the fellow of the Indian Institute of Chemical Engineers (IChE) (2020, LF-19472)
- ❖ Prof. Mihir Kumar Purkait has received the fellow of the Indian Desalination Association (FInDA) 2021
- ❖ Prof. Mihir Kumar Purkait has received the Abdul Kalam Technology Innovation National Fellowship (2020) from the Indian National Academy of Engineering (INAE)
- ❖ Prof. Vimal Katiyar has received Technology Innovation awards given by Ministry of Chemical and Fertilizers.
- ❖ Prof. Tamal Banerjee has received the fellow of Royal Society of Chemistry (FRSC) (2021)
- ❖ Prof. Tamal Banerjee has been selected as editorial Board Member of Fluid Phase Equilibria (2020), Elsevier