



# BIRLA INSTITUTE OF TECHNOLOGY

MESRA, RANCHI - 835215 | [WWW.BITMESRA.AC.IN](http://WWW.BITMESRA.AC.IN)



## CHEMICAL ENGINEERING

Placement Brouchure  
— 2022-2023 —





# About the department

The Department of Chemical Engineering, with its highly educated professors, offers a different level of intelligence in a variety of chemical engineering disciplines. The Department was awarded the Gold Trophy for Plasticon Award 2012 around Best Educational Institution Contributing to Plastics, bringing it national prominence.



## Programmes Offered

### Undergraduate Programmes

- B.Tech in Chemical Engineering
- B.Tech in Chemical Engineering - P&P

### Post- Graduate Programmes

- M.Tech in Chemical Engineering

### Doctoral Programmes

- Ph.D.



# Courses Offered

## Chemical engineering

THERMODYNAMICS  
FLUID MECHANICS  
MECHANICAL OPERATIONS  
CHEMICAL PROCESS CALCULATION  
MASS TRANSFER OPERATIONS  
CHEMICAL REACTION ENGINEERING  
HEAT TRANSFER OPERATIONS  
PROCESS TECHNOLOGY AND ECONOMICS  
PROCESS CONTROL AND INSTRUMENTATION  
PETROLEUM REFINING AND ENGINEERING  
NUMERICAL METHODS  
MATERIAL SCIENCE AND ENGINEERING  
CHEMICAL PRINCIPLES FOR CHEMICAL  
ENGINEERS

## Chemical engineering (P&P)

CHEMICAL ENGINEERING THERMODYNAMICS  
FLUID MECHANICS  
MECHANICAL OPERATIONS  
CHEMICAL PROCESS CALCULATION  
MASS TRANSFER OPERATIONS  
CHEMICAL REACTION ENGINEERING  
HEAT TRANSFER OPERATIONS  
PROCESS TECHNOLOGY AND ECONOMICS  
PETROLEUM REFINING AND ENGINEERING  
COMPUTER BASED PROCESS ENGINEERING  
PLANT DESIGN  
NUMERICAL METHODS  
POLYMER PROCESSING AND TECHNOLOGY  
ELASTOMER TECHNOLOGY



# Laboratories & Facilities

Universal Testing Machine

(Instron3366)

Dynamic Mechanical Analyzer

Electro Spinning

Atomic Absorption

Spectrometry

Microcompounder

Gas Chromatography

Laminar Flow ReactorSpectral

Analyser

Spray Drier

Chemisorption

Ultraviolet







# Achievements

Students grabbed Internship offers in the globally prestigious institutions:

- Multiple students received offers from Carnegie Mellon University, Georgia Tech Atlanta, USA .
- Sharanya Jha pursued her internship with Illinois Institute Of Technology, Chicago, USA.

IASc-INSANA-NASI SUMMER RESEARCH FELLOWSHIP (2021) :

- Sarvar-E-Abbas worked with Prof. (Dr.) A. B. Pandit, Department of Chemical Engineering Institute of Chemical Technology, Mumbai.
- Akshay Sharma worked with Dr. K.R.S. Chandrakumar at Theoretical Chemistry Section, Bhabha Atomic Research Centre, Mumbai.





# Internships & training

## Industries

L&T	NHAI
Tredence Analytics	TATA Steel
Deloitte	Reliance
TATA UNISTORE	PWC
Capgemini	JSW
EXL	Tata IQ
Wipro	HCL
Axis Bank	ZS Associates
BCN	Jindal Steel
Flipkart	
Cognizant	

## Institutes

Illinois Institute of Technology  
IIT Kanpur  
IIT Roorkee  
IIT Bombay  
IIT Kharagpur  
CMR  
IGCAR  
Shiv Nadar University  
IIT Mandi



# Our Proud Recruiters





# THANK YOU

## Contact Information:



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