

POs

PO-1: Ability to apply the knowledge of science, mathematics and engineering to analyze chemical processes.

PO-2: Ability to identify, formulate and solve engineering problems

PO-3: Ability to design experiments, conduct experiments/ Simulation, analyze data, interpret res

PO-4: Ability to integrate unit operations into functional chemical process with regard to process control, simulation, economic efficiency, safety and environmental responsibility

PO-5: Ability to identify, formulate, and solve hardware and software computing problems, accounting for the interaction between hardware and software.

PO6. Ability to create awareness about energy management and protection of environment

PO7. Ability to understand professional and ethical responsibility

PO8. Ability to accomplish engineering goals through multi disciplinary team work

PO9. Ability to communicate effectively in industrial and professional environment

Po10. Ability to engage in lifelong learning and self-study techniques in the context of technological changes

PEOs

PEO1: Have professional engineering competence.

PEO2: Have understanding of engineering and science to solve chemical engineering problems

PEO3: Have ability to interact well with a broad range of people.

PEO4: Have a broad based background to contribute in the operation, monitoring and maintenance of chemical processes.

PEO5: Have awareness about energy management and protection of environment and its effect on global climatic changes.



Social Transformation through Dynamic Education

Bharati Vidyapeeth Institute of Technology

CHEMICAL ENGINEERING DEPARTMENT

Vision

To attain global recognition in training students for meeting the challenging needs of chemical & allied industries & society in general.

Mission

M1. To provide outstanding diploma engineers empowered with excellent technical skills.

M2. Generating knowledge and developing ethical values through soft skills training, co-curricular and extra-curricular activities.

M.3 Fostering industry-academia relationship for mutual benefit and growth.

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About Chemical Engineering

Chemical engineering is the study and practice of transforming substances at large scales for the tangible improvement of the human condition. Such transformations are executed to produce other useful substances or energy, and lie at the heart of vast segments of the chemical, petroleum, pharmaceutical and electronic industries.

For many years, most chemical engineers took jobs in the oil or petrochemical industry. Job functions typically involved the development or operation of processes to convert oil-based feedstocks into energy or other useful chemical products ranging from fibers for clothing to lubricants to fertilizers. In recent decades, however, job descriptions have become far more diverse. Chemical engineers often develop or operate processes to create products ranging from integrated circuits to disease-fighting drugs to fuel cells.

Student Forum CESA

• Activities •

Departmental Library for students

Conduction of Technical Quiz

Conduction of Seminars

Conduction of Group Discussion

Conduction of Expert Lectures

Organizing Industrial Visits

Laboratories

Petrochemical Lab



Heat Transfer Lab



Mech Operation Lab



Computer Lab



Mass Transfer Lab



Chemical Process Lab



Higher Education & Placement

- Personality development and pre placement trainings are given to the students
- Almost 90% of the student go for higher education
- 80% of the rest of the students are placed through campus

Job Opportunities

Central govt. organizations like-

DRDO,	HPCL	IOC,
BARC,	NTPC,	BPCL,
HIL,	ONGC,	

Private companies like-

RELIANCE	DFPCL	ESSAR,
GHARADA,	EXCEL	CIPLA

FACULTY & STAFF

HOD : Mrs. Cissy Shaji

Faculty : Ms. Deepa P.

Dr. Samir C. Nimkar

Mr. Mahaveer Garge

Mrs. Veena Maragur

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