

POs

1. Basic and Discipline specific knowledge: Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.
2. Problem analysis: Identify and analyze well-defined engineering problems using codified standard methods.
3. Design/development of solutions: Design solutions for well-defined technical problems and assist with the design of systems components or processes to meet specified needs.
4. Engineering Tools, Experimentation and Testing: Apply modern engineering tools and appropriate technique to conduct standard tests and measurements.
5. Engineering practices for society, sustain ability and environment: Apply appropriate technology in context of society, sustain ability, environment and ethical practices.
6. Project Management: Use engineering management principles individually, as a team member or a leader to manage projects and effectively communicate about well-defined engineering activities.
7. Life-long learning: Ability to analyze individual needs and engage in updating in the context of technological changes.

PEOs

- PEO1: Have professional engineering competence.
- PEO2: Acquire understanding of engineering and science to solve chemical engineering problems
- PEO3: Inculcate ability to interact well with a broad range of people.
- PEO4: Create a broad based background to contribute in the operation, monitoring and maintenance of chemical processes.
- PEO5: Instill awareness of energy management and its effect on global climatic changes, thus stressing on protection of environment.



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.
- M3. 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.

- **Chemical Engineering department is NBA accredited since 2011.**
- **Mass and Heat Transfer laboratory of the department won the Best Laboratory award.**

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



FACULTY & STAFF

- HOD** : Mrs. Cissy Shaji
- Faculty** : Ms. Deepa P
Dr. Samir Nimkar
- Lab Assistant** : Mr. Pradeep Mane
Mr. Amit Gawali