Our Entrepreneurs

Sr.No.	Name of Alumnus	Passing Year	Name of the firm
1	Mr.Ramjan M. Mujawar	2017-18	National Fertilizer, Kolhapur
2	Mr. Rohan B. Khebudkar	2014-15	Shivshahu Solar Energy Services Pvt. Ltd., Kop.
3	Mr. Dhanaji Bhosale	2013-14	Torana Refinery, Hatkanangale, Kolhapur
4	Mr. Ajinkya Kadam	2012-13	Kshitij Agro Chemicals, Koregaon, Satara
5	Mr. Suraj Hawal	2012-13	Sun Water Technology, Uchagaon, Kolhapur
6	Mr. Narendra Ghongade	2012-13	Mahaveer Foods and Beverages, Halkarni, Kop.

Student Placements (2021-2022)

SHIVAJI UNIVERSITY , KOLHAPUR
DEPARTMENT OF TECHNOLOGY
B. Tech. Chemical Engineering Program
Website: www.unishivaji.ac.in, Supported by TEQIP - III
Approved by AICTE, New Delhi and Recognized by DTE, Govt. of Maharashtra
STUDENT'S PLACEMENT (2021-22)

Higher Studies

Year	No. of Students
2018-19	05
2019-20	16
2020-21	05
2021-22	02

Contact Details

Faculty Name	Mobile No.
Prof. (Dr.) Pravinkumar D. Patil (Program Coordinator)	+91 9922924871
Dr. Doulat M. Nangare	+91 9271007289
Mr. Shripal M. Gaikwad	+91 9422712122
Mr. Arvind B. Madavi	+91 9021372485
Dr. Prashant P. Patil	+91 9420134491
Mrs. Shital P. Dehankar	+91 8446199396
Mrs. Vaishali S. Mohite	+91 7588360670
Dr. Rohit P. Kalnake	+91 9096899826

Estd : 1962
'A++' *Accredited by* NAAC (2021)
with CGPA 3.52

शिवाजी विद्यापीठ, कोल्हापूर

SHIVAJI UNIVERSITY, KOLHAPUR

DEPARTMENT OF TECHNOLOGY

CHEMICAL ENGINEERING

Information Brochure

About the Program

Chemical Engineering is a broad discipline that brings together basic sciences and engineering to develop products and processes for societal needs. There are limitless career opportunities in many industries for graduates in various capacities such as Process, Product, Project, Safety, Utility, Environmental, Technical Sales etc. engineers. B.Tech (Chemical Engineering) Program was established in 2008-09. With almost 11 batches passed out, we are now well known in the industries because of sincere efforts and performance of our alumni.

Program Offered

B. Tech. (Chemical Engineering) **Ph.D.** (Chemical Engineering)

Intake Capacity: 60

We are well equipped with the state of art laboratory facilities. The Program emphasizes aspects of Chemistry, Chemical Engineering and Technology to make the students competent enough to work in various industries, institutes and research organisations. Curriculum includes various important courses namely Fluid Mechanics, Mass Transfer, Process Heat Transfer, Chemical Reaction Engineering, Special Chemical Technologies, Process Equipment Design, Transport Phenomena, Industrial Pollution Control, Process Dynamics and Control, Process Modeling and Simulation etc.

Highlights of the Program Curriculum

- University Department offered with academic flexibility.
- The academics aims to meet the present and future societal and industrial needs.
- Curriculum is featured with Outcome-Based Education (OBE) system
- There is focus on imparting research skills through project based learning right from SY B.Tech
- Hands on learning in the areas such as Heat and Mass Transfer, Mechanical Operations, Process Calculation, Chemical Reaction Engineering, Environmental Engineering, Fluid Flow Operations etc.
- There is mandatory vocational internship for total 8 weeks.
- Students are motivated to participate in various expert lectures, workshops and technical events at University/ State/ National level.

Scope of the Employment

Ample Job opportunities are available for Chemical Engineering graduates in the following sectors:

- Biotechnology
- Chemical and allied products
- Process plant construction
- Environment protection and recycling
- Petrochemical Industry
- Food and beverage industries
- Production & Utilization of Energy
- Polymer Industry
- Pharmaceutical
- Process Instrumentation, Control & Safety
- Advanced Materials
- Plant operations and Maintenance

Thrust Areas

Employment

- Product & Process Development
- Chemical Plant Design
- HAZOP and Safety
- Chemical Analyst
- Energy auditor & Manager
- IP manager

Research and Development

- Process Modeling and Simulation
- Energy Integration and Mass Exchange Network
- Process Optimization
- Catalytic Reaction Engineering
- Nano Composites and Nano Materials

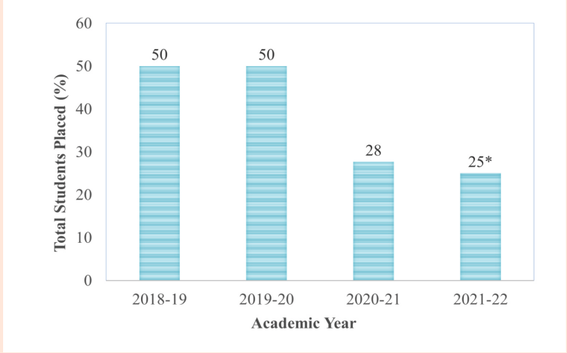
Laboratory Facilities

- Seven well-equipped laboratories- Mass Transfer Operations Lab, Heat Transfer Operation Lab, Fluid Flow Operation Lab, Mechanical Operation Lab, Chemical Reaction Engineering Lab, Chemical Engineering Processes Lab, Process Instrumentation and Control Lab.
- Availability of advanced research equipment like Ball mill, Probe sonicator and Spray dryer.
- **Total laboratory investment worth INR 0.80 Crore.**

Strengths of the Program

- Well established academic program with good ambiance for students overall development.
- Highly qualified and experienced faculty members.
- MoUs with various national/international enterprises for live, continual and active interaction with students and faculty members.
- A strong connect with industry as well as academic and professional bodies like Indian Society for Technical Education, Institute of Engineers and Indian Institute of Chemical Engineers *etc.*
- Faculty and students are engaged in various research activities.
- Research project grants from TEQIP and Shivaji University.
- Placement of graduates in various core companies around the globe.
- Core industry connection for Internship/Placement.
- Guest/ Expert lectures by eminent from reputed industry and research institutes.
- Industrial visit in core chemical companies.
- Technical events, seminars, workshop and training programs for students by professionals.
- More than 90 research papers published by faculty and students.
- Patents- **Granted : 01, Applied: 02**

Placement Statistics



*Placed before result declaration