



SARDAR VALLABHBHAI PATEL EDUCATION SOCIETY MANAGED

# N.G.PATEL POLYTECHNIC

Bardoli-Navsari Road, At: Isroli, Po: Afwa, Tal: Bardoli, Dist: Surat-394620  
Institute Website: www.ngpatelpoly.ac.in

**Chemical  
Engineering  
Department  
Newsletter**

Issue: January 2022

Volume: 07

Academic Term: 2021/01

Academic Year: 2021-22

## Vision of the Department

To attain national recognition in training students to meet the challenging needs of chemical & allied industries and society.

## Mission of the Department

- To provide high quality education in tune with changing requirements of industry.
- To provide knowledge and to develop skills in areas of chemical and allied fields.
- To foster industry-academia relationship for mutual benefit and growth.
- To prepare competent engineers with leadership qualities.
- To train students as a Professional Chemical Engineers by providing high quality Education and training.

## Department Profile

Established in the year 1997, Chemical Engineering Department is one of the oldest departments of the institute. The department has 12 well qualified faculty members, and 03 supporting staff led by **Head of Department Prof. Mukesh B. Dhangar**. The department well equipped laboratories which satisfy all the requirements of the curricula proposed by GTU. With the help of state of art laboratories, the practice-oriented learning is imparted to the students. The departmental library helps the students in having ready references. Industrial visits & Expert speech are the regular features of the department. **Since the inception Gujarat Technological university in 2008, till date 05 students of the Chemical Engineering Department have secured University Gold Medal for Chemical Branch.**

The department has organized various state level and national level conferences, seminars, workshops, webinars, STTPs, FDPs, etc. Department has achieved note worthy placement of pass out students in over 50 industries through campus interviews. **Chemical Engineering Department is recognized as Schedule I Environmental auditor by Gujarat Pollution Control Board (GPCB), Gandhinagar.** Till date more than 200 projects have been taken over by the audit cell which includes various industries of private, multinational & government sector.

## News letter Committee

<b>Mr. Mukesh Dhangar</b> Head of Department	<b>Mr. Himanshu Desai</b> Lecturer	<b>Ms. Parul Patel</b> Lecturer	<b>Mr. Roshan Patel</b> Lab Assistant
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## Program Educational Objectives (PEOs):

- PEO-I: To prepare students for the challenging professional world in the area of chemical engineering by providing fundamental engineering knowledge.
- PEO-II: To deliver fundamentals of science, engineering and technology required to analyze and solve chemical engineering problems.
- PEO-III: Pursue career and higher studies in chemical & allied sectors.
- PEO-IV: To inculcate ethical and professional attitude, effective communication skills and teamwork in students to become a successful professional.
- PEO-V: Pursue continued life-long learning through professional practice, further graduate education or other training programs in engineering science or other professional fields.

## Department Level Activities:

July to December 2021

Webinar	
<ol style="list-style-type: none"><li>1. The department has organized Webinar on 1<sup>st</sup> Law of Thermodynamics on 27-07-2021 by Ms. Rinal S. Patel</li><li>2. The department has organized Webinar on Distillation : A Versatile Separation Process on 28-07-2021 by Ms. Parul K. Patel</li><li>3. The department has organized Webinar on Industrial Material Management on 20-09-2021 By Ms. Megha M. Vaghela.</li><li>4. The department has organized Webinar on Refrigeration System on 24-09-2021 by Ms. Nupur A. Shukla.</li></ol>	

## Placement Details:

Total 03 companies have conducted recruitment drive and around 07 students have been selected in various companies. The minimum salary package offered was 1.44 lac per annum and maximum was 2.3 lac per annum.

