



SARDAR VALLABHBHAI PATEL EDUCATION SOCIETY MANAGED

# N. G. PATEL POLYTECHNIC

Bardoli – Navsari Road, At: Isroli, Po: Aftwa, Tal: Bardoli, Dist: Surat – 394620  
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**Chemical  
Engineering  
Department  
Newsletter**

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Academic Term: 2018/01

Academic Year: 2018-19

## 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 lead by **Head of Department Prof. Kartik R. Desai**. 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 speeches are the regular features of the department. **Since the inception of 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 noteworthy 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.

## Newsletter Committee

<b>Prof. Kartik R. Desai</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:

#### **Industrial Visit:**

- 104 students of fifth semester visited Sardar Sarovar dam.
- 110 students of third semester visited spectrum dyes, CETP Eco textile park Palsana.



### Staff / Student achievements:

#### **Staff Achievements:**

- 03 Staff namely Mr. Kartik Desai, Himanshu Desai, Bhavesh Tailor attended 4-day training on Internal Audit with respect to I84/IEC-17025.2017 standard.

#### **Student Achievements:**

- 05 students of fifth semester stood winner in Contraption event - Vishvehsmruti-2018 at RNPIT Bardoli.
- 01 students of fifth semester stood runner up in Chemo Missile event - Vishvehsmruti-2018 RNPIT Bardoli.
- 03 students of fifth semester stood winner in Chemo Missile event - UDAAN-2018 at NGPP Bardoli.
- 01 students of fifth semester stood winner in present yourself event - UDAAN-2018 at NGPP Bardoli.
- 03 students of first (01), third (01), and fifth (01) semester stood winner in Chemoquiz event - UDAAN-2018 at NGPP Bardoli.

### Recent Results:

The result of Chemical 16 class as declared by university is as follows: (semester 5)

Class	Total appeared students	Total pass students	% Result
CH- 16 A	46	31	67.39
CH- 16 B	38	22	57.89
Total	84	53	63.10

The result of Chemical 17 class as declared by university is as follows: (semester 3)

Class	Total appeared students	Total pass students	% Result
CH- 17 A	49	26	53.06
CH- 17 B	44	20	45.45
Total	93	46	49.46

The result of Chemical 18 class as declared by university is as follows: (semester 1)

Class	Total appeared students	Total pass students	% Result
CH- 18 A	62	43	69.35
CH- 18 B	63	40	63.49
Total	125	83	66.40

### Placement Details:

Total 08 companies have conducted recruitment drive and around 52 students have been selected in various companies. The minimum salary package offered was 1.44 lac per annum and maximum was 3.2 lac per annum.

