



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](http://www.ngpatelpoly.ac.in)

**Electrical  
Engineering  
Department  
News letter**

Issue: January 2023

Volume: 09

Academic Term: 2022/01

Academic Year: 2022-22

## Vision of the Department

To become a front-runner in bringing out globally competent electrical engineers, researchers, innovators and entrepreneurs to serve the global society with an ultimate aim to improve the quality of life.

## Mission of the Department

- To give excellent understanding of electrical engineering to the students through teaching and practice tasks that makes the students useful to the society, nation and the world.
- To provide platform to improve designing and development skill of electrical engineering through various training, seminars, and workshops.
- Motivate students to participate in co-curricular and extra-curricular activities to enhance leadership and managerial skills.
- To excel career in higher education and industries, perform best by continuous learning and good conducts.

## Newsletter Committee

<b>Mr. Nilesh Prajapati</b> Head of Department	<b>Mr. Nikunj G. Mistry</b> Lecturer	<b>Mr. Rakesh Maisuriya</b> Lecturer	<b>Mr. Prashant Patel</b> Sr. Lab Assistant
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## Department Profile

The department was established in the year 1999. The department has the strength of 07 teaching staff and 2 supporting staff leads by Mr. N. P. Prajapati. Staffs are well qualified with Industrial as well as academic experience. The department is working with intake of 60. Every year pass out students are absorbed in well-known industries & reputed institutes for further study.

The department has 5 well equipped laboratories viz. Basic Electrical lab; Electrical Machine lab; Electronics & Project lab; Instrumentation lab; Power lab, Which satisfy all the requirement of the curricula proposed by GTU. The departmental library helps the students in having ready references. The department has arranged total 18 Expert speeches and 47 Industrial visits as regular features which provide technical knowledge & industrial interaction to the students.

The student of 2010 entry **Mr. Nisarg Maisuriya** secured 1<sup>st</sup> rank in Electrical Engineering in GTU exam all over Gujarat level and received gold medal from GTU in the year **2013**.

## Program Educational Objectives (PEOs):

- PEO-I: To demonstrate and apply excellent knowledge and skills of electrical engineering into real field with best socio-economic benefits.
- PEO-II: To design and implement electrical system to meet specified needs by justifying 3Es like energy efficiency, economy and environment.
- PEO-III: To enhance entrepreneurial, communication and other soft skills, which will enable them to work globally as leaders or a team member.
- PEO-IV: To possess a positive attitude for life-long learning and practicing in the real field of work.

## Department Level Activities

### EXPERT SPEECH

- The department has organized Expert speech on “Application of software in Electrical Engineering” on dated 14/10/2022. The Webinar addressed by the expert Mr. Chandravadan J. Bhaidas he is a Ex. Sr. Section Engineer, Electric Loco Shed, Valsad. Total 39 students has been participated into the Expert speech.

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**N. G. PATEL POLYTECHNIC-NGPP**  
AT & PO: DOROI / AFVA, VALSAD: DIST: SURAT - 394033  
(Affiliated with G.T.U. & approved by A.I.C.T.E.)

**ELECTRICAL ENGINEERING DEPARTMENT**  
Organises  
Expert's Speech Under ISTE Student Chapter  
ON  
**"Electric Traction System"**

  
Date:-14/10/2022  
Time:-11:00am Onwards

**Mr. Chandravadan J. Bhaidas**  
Ex Sr. Section Engineer,  
Electric Loco shed,  
Valsad.

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### Result Details:

Class	Total appeared students	Total pass students	% Result
Electrical-2019	49	30	61.22
Electrical-2020	67	45	67.16
Electrical-2021	67	10	16.67
Total	183	85	46.44