



SARDAR VALLABHBHAI PATEL EDUCATION SOCIETY MANAGED  
**N. G. PATEL POLYTECHNIC**  
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**Electrical  
Engineering  
Department  
News Letter**

Issue: January 2024

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Academic Year: 2023-24

### 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.

### Department Profile

The department was established in the year 1999. The department has the strength of 07 teaching staff and 02 supporting staff leads by Mr. V. K. Patel. 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 49 Expert speeches and 75 Industrial visits as regular features which provide technical knowledge & industrial interaction to the students.

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

### Newsletter Committee

Mr. Nilesh Prajapati Head of Department	Mr. Nikunj Mistry Lecturer	Mr. Rakesh Maisuriya Lecturer	Mr. Prashant Patel Lab Assistant
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### 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
- 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 09/10/2023. The Webinar addressed by the expert Mr. Alpesh R Mahyavanshi he is a Lecturer in Electrical Engineering Department From GP, Dahod. Total 28 students has been participated into the Expert speech.

The department has organized Expert speech on “Application of software in Electrical Engineering” on dated 16/10/2023. The Webinar addressed by the expert Mr. Chandravadan J. Bhaidas he is a Ex. Sr. Section Engineer, Electric loco shed, Valsad. Total 36 students has been participated into the Expert speech.

#### DETAILS OF RESULT

CLASS	Total Appeared Students	Total Pass Students	Percentage Result
Electrical - 2020	41	32	89.27 %
Electrical - 2021	37	16	43.24 %
Electrical - 2022	55	13	23.64 %
Total	133	61	45.86 %

#### STUDENTS CORNER

Find the value of question mark.	Which number replaces the question mark?
 +  +  = 29	 +  +  = 24
 +  x  = 120	 +  +  = 35
 +  +  = 40	 +  +  = 41
 x  x  = ?	 +  x  = ?
By: Suthar Pavan (216370309047)	By: Parida Bhavani (216370309029)