



SARDAR VALLABHBHAI PATEL EDUCATION SOCIETY MANAGED

N.G.PATELPOLYTECHNIC

Bardoli-Navsari Road, At: Isroli, Po: Afwa, Tal: Bardoli, Dist: Surat-394620

Institute Website: www.ngpatelpoly.ac.in

**Electrical
Engineering
Department
News letter**

Issue: January 2025

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Academic Term: 2024/01

Academic Year: 2024-25

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.

News letter Committee

Mr. Nilesh Prajapati Head of Department	Mr. Nikunj G. Mistry Lecturer	Mr. Rakesh Maisuriya Lecturer	Mr. Prashant Patel 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 55 Expert speeches and 79 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**.

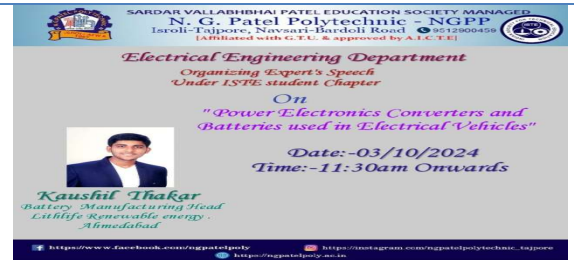
Department Level Activities

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.

EXPERT SPEECH

➤ The department has organized Expert speech on “Power Electronics Converters And Batteries Used In Electrical Vehicles” on dated 03/10/2024. The Webinar addressed by the expert Mr. Thakar Kaushilkumar Hemantkumar he is Battery Manufacturing Head, Lithlife Renewable Energy, Ahmedabad. Total 42 students has been participated into the Expert speech.



➤ The department has organized Expert speech on “Electric Traction” on dated 07/10/2024. The Webinar addressed by the expert Mr. Chandravadan J. Bhaidas he is a Ex. Sr. Section Engineer, Electric loco shed, Valsad. Total 62 students has been participated into the Expert speech.



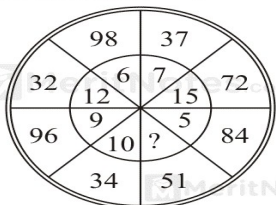
Result Details:

Class	Total appeared students	Total pass students	% Result
Electrical-2021	34	29	85.29
Electrical-2022	55	13	23.64
Electrical-2023	61	15	24.59
Total	150	57	38.00

Student's Corner:

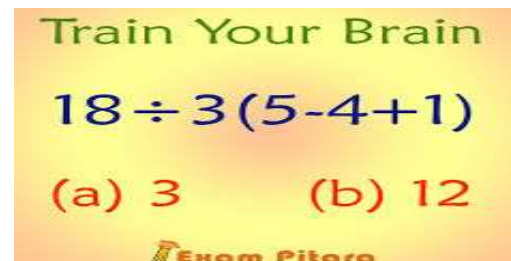
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**Prepared by: Shaikh Sujan Raish
(236370309060)**

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**Prepared by: Solanki Drashti Jayantibhai
(226370309057)**