



SARDAR VALLABHBHAI PATEL EDUCATION SOCIETY MANAGED
N. G. PATEL POLYTECHNIC
Bardoli-Navsari Road, At: Isroli, Po: AFwa, Tal: Bardoli, Dist: Surat-394620
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**Electrical
Engineering
Department
News Letter**

Issue: January 2022

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Academic Term: 2021/01

Academic Year: 2010-22

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.

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 44 Expert speeches and 69 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. Vijay Patel Head of Department	Mr. Nilesh Prajapati Lecturer	Mr. Rakesh Maisuiya 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

WEBINARS / FDPs / STTS OGRANIZED

FDP on "Solar PV Generation and Analysis" during 15th Sept to 18th Sept, 2021	Around 89 students and 07 staff members have participated in this workshop program.
Webinar on "PLC & its Application" dated 24/08/2021 by Prof. Jignesh R. Prajapati	50 students has participated in the webinar
Webinar on "ARDUINO" dated 26/08/2021 by Prof. Kevin C. Shah	48 students has participated in the webinar
Webinar on "8085 Microprocessor" dated 29/10/2021 by Mr. Nitin K. Modi	43 students has participated in the webinar
Webinar on "Energy Conservation & Audit" dated 25/11/2021 by Mr. Himanshu S. Desai	36 students has participated in the webinar
Webinar on "Google Drive & Basic Tips & Tricks of Computer" dated 26/11/2021 by Mr. Ritesh J. Patel	29 students has participated in the webinar

DETAILS OF RESULT

CLASS	Total Appeared Students	Total Pass Students	Percentage Result
Electrical - 2018	79	79	100.00 %
Electrical - 2019	80	78	97.50 %
Electrical - 2020	55	53	96.36 %
Total	214	210	98.13 %

STUDENTS CORNER

Find the value of question mark.	Which number replaces the question mark?
$\square \times \square \times \square = 27$ $\square \times \triangle \times \triangle \times \triangle = 24$ $\square \times \triangle \times \circ \times \circ = 96$ $\circ + \square \times \triangle = ?$	$\bullet + \blacktriangle = 8$ $\star - \blacksquare = \blacksquare$ $\bullet - \blacktriangle = 4$ $\blacksquare + \star = 12$ $\blacktriangle + \bullet - \star + \blacksquare = ?$
By: Patel Chirag (196370309054)	By: Devnath Jay (186370309024)