



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 2019

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Academic Term: 2019/01

Academic Year: 2019-20

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 35 Expert speeches and 67 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

EXPERT SPEECH

<p>The department has organized expert speech related to “Electric Traction” on dated 27/08/2019. The Webinar addressed by the expert Mr. Chandravaden J. Bhaidas., he is a Ex. Sr. Section Engineer, Electric Loco Shed, Valsad. Total 50 students has been participated into the expert speech.</p>	
<p>The department has organized expert speech related to “Industrial Automation & AC Drives” on dated 06/09/2019. The Webinar addressed by the expert Mr. Vivek Suryavanshi, he is a engineer service technical, design tech Siemens, GEC, surat. Total 50 students has been participated into the expert speech.</p>	

DETAILS OF RESULT

CLASS	Total Appeared Students	Total Pass Students	Percentage Result
Electrical - 2016	58	55	94.83 %
Electrical - 2017	66	37	56.06 %
Electrical - 2018	79	79	100.00 %
Total	203	171	84.23 %

STUDENTS CORNER

<p>Find the value of question mark.</p> $D + A = 50$ $A + A + A = 120$ $D + C = 35$ $C = ?$	<p>Which number replaces the question mark?</p> <table style="margin-left: auto; margin-right: auto;"> <tr><td style="background-color: #ADD8E6;">If</td><td>2 = 8</td></tr> <tr><td></td><td>3 = 18</td></tr> <tr><td></td><td>4 = 32</td></tr> <tr><td></td><td>5 = 50</td></tr> <tr><td></td><td>6 = ??</td></tr> </table>	If	2 = 8		3 = 18		4 = 32		5 = 50		6 = ??
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<p>By: Valvi Nikunj (176370309081)</p>	<p>By: Panchal Parth (176370309041)</p>										