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### **Institute Vision**

“To be one of the leading institutes in developing dynamic technical professionals according to evolving industrial trends in national interest”

### **Institute Mission**

- 1.To become a model institute for Outcome Based Education by adopting best practices and improving infrastructure.
2. To develop critical thinking, problem solving skills and interpersonal skills in students to overcome professional challenges by cultivating a proactive learning environment.
- 3.To impart affirmative traits and productive mindset to the students by exemplary mentoring.
- 4.To collaborate with industries to achieve employer focused learning by regular industrial visits, vocational training, expert lectures and providing consultancy services.
5. To develop responsible citizenship in students by promoting activities.

### **Department Vision**

“To emerge as a recognized leader in developing technically proficient diploma engineers to serve nation ethically”

### **Department Mission**

- 1.To enrich intellectual potential of students with value-based technical knowledge in pace with modern technology.
- 2.To cultivate learning skills and enable students to be dedicated professionals and leaders in exploring new era through industrial interactions

3.To inculcate ethical and professional values among students for a vibrant environment and society.

### **Program Education Objectives:-**

- 1.Develops strong academic foundation for successful professional career in the diversified sectors of industry, government organizations, public sectors and multinational corporations and pursue higher education in electrical engineering and allied fields.
- 2.Acquires skill to excel in solving technical issues by deploying modern tools, ethically and responsibly, in benefit of society and environment.
- 3.Foster a confident and competent professional attitude as individuals and as team members in multidisciplinary projects through leadership capability in diverse fields.
- 4.Possess positive attitude towards lifelong learning, career enhancement and adopt new technologies required for established and startup companies

### **Program Specific Outcomes:**

After successful completion of program, students will be able to apply the knowledge gained during the course of the program

- 1.Maintain various types of electrical equipment's and drives.
- 2.Maintain the operation of power system.
- 3.Undertake the electrification of commercial and multi storied buildings

## Message from Head of Department



The Electrical Department at Government Polytechnic, Valsad has been active since its inception in 1965. The department of Electrical has well equipped Labs includes Electrical Circuits and Electrical Instrumentation Lab, Electronics Lab, Electrical machines Lab, Power system/Project Lab etc. The Laboratories are well equipped with Latest Experimental and Computational Facilities. The department organizes Guest Lectures, Faculty Development Programme, workshop and Seminars in Various Specialized field. The faculties of Department published their research work in Reputed National and International journals and Conferences. The department believes in the multidimensional growth of all students. Electrical department encourages students to participate in extra and co-curricular activities, sports and cultural fest etc... Industrial visits regular internships which assist the student in smooth transition from academic life to work life is regular feature of our department. I wish the students make best use of the ambience and work towards achieving excellence in the chosen field.

### Industrial Visit

The Electrical Engineering Department organized an industrial visit at Trans- Electro ,Gundlav GIDC Valsad for the six semester students on **11,12,13 April 2023**. The Visit coordinated by Mr.M.B Gavit ,Mr. H.N Lad and Mr. R Darji. The visit helped the students to gain knowledge of Maintenance of Transformer, Different tests on transformer and transformer oil. About 78 students visited the industry in three days



The Electrical Engineering Department organized an industrial visit at Aum Elecmech Pvt ,Gundlav GIDC Valsad for the six semester students on **20 & 21 April 2023**. The Visit coordinated by Ms. A.D Patel and Mr. S.D.Choksi. The visit helped the students to gain knowledge of Electrical Control Panels and Power Protection Devices.



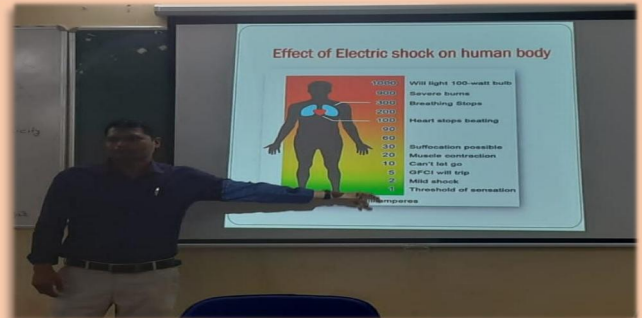
The Electrical Engineering Department organized an industrial visit at Kipra Electrical Pvt.Ltd Valsad for the 4<sup>th</sup> semester students on **19 May and 20 May 2023**. The Visit coordinated by Ms. A D Patel, Ms. D C Patel, Mr. H B Sharma and Mr. B P Golakiya. The visit helped the students to gain knowledge of Induction Motor, Construction and testing of motor, types of winding etc. About 44 students visited the industry in two days.





## Expert Lecture

Expert lecture by Jay Patel (Assist. Professor) on “**Selection and Testing of LV Switchgear** ” was held on **16<sup>th</sup> March 2023** at Conference hall from 11:30 AM to 1:00 PM. The lecture was organized by the Electrical Engineering department for students of 6th semester Diploma Electrical Engineering program. Experts from Asha M Tarsadiya institute of computer science and technology, Uka Tarsadiya University had conducted the session in which 82 students were benefited.



## Faculty Achievement

Faculties from Electrical Engineering department, **Mr. N S Patel, Ms. D C Patel and Ms. A D Patel** had taken training on “**Induction Phase 1**” at SVNIT Surat organized by NITTR Bhopal during **12 June - 23 June, 2023**.

Following faculties from **Electrical Engineering Department** who attended the ISTE CTE approved Short term Training Programme on “**Application of Power Electronics in Power System**” from **19 June to 23 June, 2023** at Dr.S & S.S Gandhi College of Engineering & Technology, Surat.



Expert lecture by Chirag Patel (Jr.AEI, Surat) on “**Electrical Safety & Provisions of the Electricity Act-2003, CEA Regulation-2010**” was held on **28<sup>th</sup> April 2023** at the Conference hall from 11:00 AM to 1:00 PM. The lecture was organized by the Electrical Engineering department for students of 4<sup>th</sup> and 6<sup>th</sup> semester Diploma Electrical Engineering program. Experts from Energy & Petrochemical Dept. Gandhinagar had conducted the session in which 63 students were benefited.

Sr.No	Name of Faculty
1	Smt.Rinku R Shukla
2	Smt.Parula D Vachhani
3	Mr.Harshal Sharma
4	Smt.Namrata M Patel

# Project Exhibition-2023

Electrical engineering department has organized the **Project Exhibition 2023** on **16/05/2023**. In which 28 groups participated. Evaluation of each project group was done by Jury member, Prof.D.N.Tandel and Prof.N.I.Patel from Government Engineering College-Valsad. The trophy was given to best 3 projects.

The following 3 best projects selected by jury member:

- 1) Crash Detecting Smart Helmet
- 2) RFID & GSM Based Security System
- 3) GSM Based Substation Monitoring and Control System



**List of top three Student in GTU Summer 2023 Examination:**

SR. NO.	RANK NO.	ENROLLMENT NO.	NAME OF STUDENT	SPI	SEM
1	1	206290309062	PRAJAPATI KISHAN	9.81	5
2	2	206290309004	PRAJAPATI HIREN	9.69	
3	3	206290309091	SURTI KEVANSHKUMAR	8.94	
4	1	216290309046	DHRUMIN ASHISHBHAI PATEL	9.09	3
5	2	216290309025	LAD SAGAR DALPATBHAI	8.87	
6	3	216290309067	PATEL TRUSHANGKUMAR K	8.35	
7		216290309080	TANDEL JAY R		
8	1	226290309019	DESAI HARSHIL V	9.19	1
9	2	226290309177	SINGH ASHISHKUMAR T	9.1	
10	3	226290309054	MAURYA NITESH R	8.95	

**Photographs of Felicitation Ceremony to honour students for their achievements in University Examination**



5<sup>th</sup> Sem: Rank 1



5<sup>th</sup> Sem: Rank 2



5<sup>th</sup> Sem: Rank 3



3<sup>rd</sup> Sem: Rank 1



1<sup>st</sup> Sem: Rank 1

## Our Esteemed Recruiter



Electrical Engineering Department  
Government Polytechnic, Valsad  
Gujarat-396001

Departmental E-mail :

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Institute Website: [www.gpvalsad.ac.in](http://www.gpvalsad.ac.in)



### Advisor

Smt Rinku R Shukla (Principal)  
Government Polytechnic- Valsad  
Mr.M.B.Gavit sir  
Senior Lecturer  
Electrical Engineering Department

### Editor

Mr.B.P.Golakiya  
Ms.M.P.Patel  
Lecturer  
Electrical Engineering Department

### Newsletter Team

Enrollment No	Name of Student
216290309003	Patel Rohan J
216290309075	Varma Swapnil N
226290309179	Sodha Keyur S