

# Elect at Glance

E- NEWS LETTER

HALF YEARLY MAGAZINE

January-June - 2022

ELECTRICAL ENGINEERING DEPARTMENT  
GOVERNMENT ENGINEERING COLLEGE PALANPUR



Government of Gujarat

**GOVERNMENT ENGINEERING COLLEGE PALANPUR**

JAGANA, PALANPUR-AHMEDBAD HIGHWAY, PALANPUR - 385011, GUJARAT, INDIA

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Phone-(02742) 220005, 220006

Website: [www.gecpl.cteguj.in](http://www.gecpl.cteguj.in) Email: [gec-palanpur-dte@gujarat.gov.in](mailto:gec-palanpur-dte@gujarat.gov.in)

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### **Newsletter Committee**

Prof. B R Patel,  
Prof. M G Prajapati,

### **Contact us**

## **Electrical Engineering Department**

**Government Engineering College, Palanpur  
Jagana, Palanpur-Ahmedabad highway,**

## Vision and Mission of Institute

### VISION

"To be a leading technical institute facilitating transformation of human resources into socially responsible engineering professionals for sustainable development"

### MISSION

- (1) To achieve academic excellence by developing state-of-the-art laboratories and academic infrastructure.
- (2) To create an ecosystem that promote value based technical education, innovation and entrepreneurship for sustainable development.
- (3) To contribute to industry and society by providing technical and consultancy services.
- (4) To enhance technical competencies of human resources by providing need base trainings and quality improvement programs.

## Vision and Mission of Department

### VISION

“To develop competent electrical professionals for providing sustainable engineering solutions to society”

### MISSION

- (1) To impart quality technical education with professional skills and human values.
- (2) To provide an eco-system that inculcates technical competencies for sustainable development.
- (3) To mentor students in pursuit of professional carrier and entrepreneurship.

## From the Desk of Head of Department

It's my honor to welcome you to the Department of Electrical Engineering and our great community of intellectual. The department of electrical engineering was established in 2009 along with the inception of the institute and is affiliated to the Gujarat technological university, Ahmedabad. The department is well equipped with all major laboratories like basic electrical engineering lab, electrical machine lab, control laboratory and others. We are a team of 8 highly qualified, dedicated and experienced faculty members who encourage the students to develop problem solving skills and research attitude.



The faculties of electrical department are actively engaged with colleagues in taking pivotal technical problems of society. We not only teach regular curriculum to the students, but also mentoring them regularly. Being a head of department i except each in his or her path should be a leader. The department has been blessed with many good students since its inception. Many of them are serving at good position in the industries and government sectors. Some of our students have preferred higher studies in the reputed Indian/foreign universities. We regularly arrange an industrial visit for our students to explore their practical skills. Our department is committed for providing excellence in classroom infrastructure, enrichment of the academic and professional experience of students, outreach to the engineering community and society, and advancement in electrical engineering. We are trying our best to transform the knowledge, wisdom, confidence, responsibilities, optimism, motivation, persistence, strong work ethic, self-advocacy, and awareness to our students.

## Innovative Practice in Teaching-learning/Assessment Process

Sr. No.	Methodology	Subject	Class	Name of staff
1	Online Teaching through Team Microsoft/Progressive Assessment, Rubrics based Evaluation	BE, PE, DE and EMAT	2 <sup>nd</sup> , 4 <sup>th</sup> , 4 <sup>th</sup> and 6 <sup>th</sup> Semester Classes	Prof. B. R. Patel
2	Online teaching with graphics tablet/ Progressive Assessment, Rubrics based Evaluation	PS-I and WSE	4 <sup>th</sup> and 6 <sup>th</sup> Semester Classes	Dr. A. M. Patel
3	Online Teaching through Team Microsoft/Progressive Assessment, Rubrics based Evaluation	BEE and EM	1 <sup>st</sup> and 4 <sup>th</sup> Semester Classes	Prof H. N. Chaudhari



4	Online Teaching through Team Microsoft/Progressive Assessment, Rubrics based Evaluation	PE, ED and EMAT	4 <sup>th</sup> , 6 <sup>th</sup> and 6 <sup>th</sup> Semester Classes.	Prof. H. V. Hirvaniya
5	Project Bases Learning	MM	6 <sup>th</sup> EE	Prof. H. V. Hirvaniya
6	Online teaching using MS white board/ Progressive Assessment, Rubrics based Evaluation	EM-1, EMMI and IPS	4 <sup>th</sup> and 6 <sup>th</sup> Semester Classes	Prof. K. G. Prajapati
7	Market Survey	IES	7 <sup>th</sup> Semester Class	Prof. M. G. Prajapati
8	Online Teaching through Team Microsoft/Progressive Assessment, Rubrics based Evaluation	BE, EM I and EMAT	2 <sup>nd</sup> , 4 <sup>th</sup> and 6 <sup>th</sup> Semester Classes	Prof. M. G. Prajapati
9	Online Python Simulator	PP	4 <sup>th</sup> Semester Class	Prof. M. K. Patel
10	Online Teaching through Team Microsoft/Progressive Assessment, Rubrics based Evaluation	MMI and HVE	6 <sup>th</sup> Semester Classes	Prof. M. K. Patel
11	Online Teaching through Team Microsoft/Progressive Assessment, Rubrics based Evaluation	DM, PS-1 and EMMI	4 <sup>th</sup> and 6 <sup>th</sup> Semester Classes	Prof. J. H. Patel

## Internship

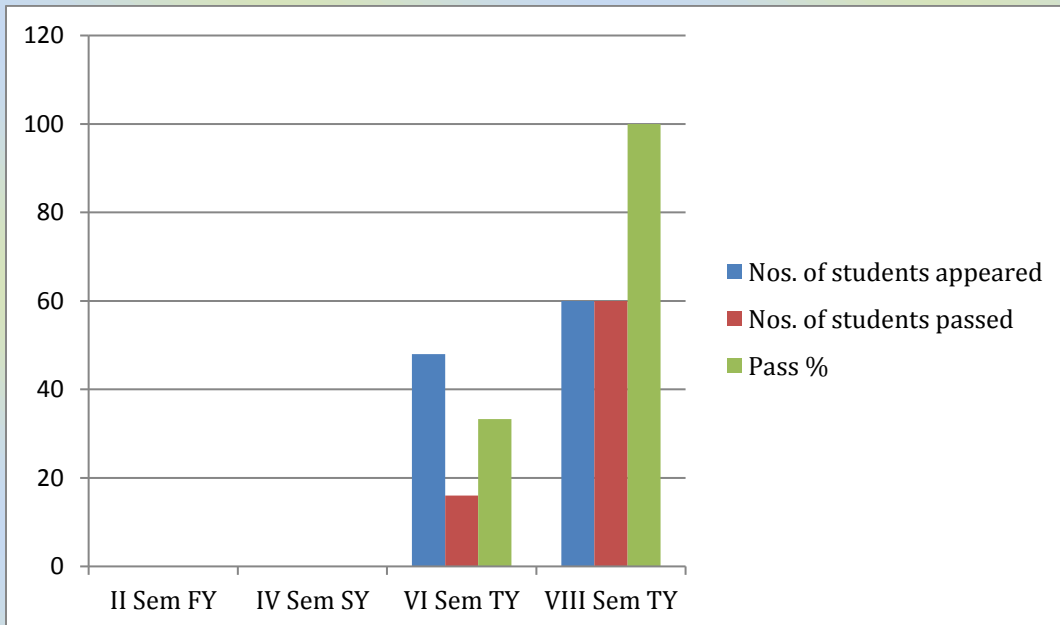
Sr. No.	Project Title	Name Of Guide
1.	Internship at CAPTAIN PUMPS PVT. LTD.	Prof. B. R. Patel
2.	Internship at Australian premium solar	Dr. A. M. Patel
3.	Internship at Banco production india	Dr. A. M. Patel

<b>Sr. No.</b>	<b>Project Title</b>	<b>Name Of Guide</b>
4.	Internship at Evergreen Renewable Technologies	Dr. A. M. Patel
5.	Internship at JS SOLAR POWER PROJECTS	Dr. A. M. Patel
6.	Internship at OMNI AUTOMATION	Dr. A. M. Patel
7.	Internship at Powertrac Solar projects Ltd.	Dr. A. M. Patel
8.	Internship at Gayatri Control and Automation Pvt. Ltd	Dr. A. M. Patel
9.	Internship at Fine Trak Systems	Prof. H. N. Chaudhari
10.	Internship at Hem Industries	Prof. H. N. Chaudhari
11.	Internship at J B POWER SOLAR	Prof. H. N. Chaudhari
12.	Internship at Roz industry	Prof. H. N. Chaudhari
13.	Internship at Shivmegh enterprises	Prof. H. N. Chaudhari
14.	Internship at Smit engineering solution	Prof. H. N. Chaudhari
15.	Internship at Urvi Transformer	Prof. H. N. Chaudhari
16.	Internship at V S Industries	Prof. H. N. Chaudhari
17.	Internship at Fortune panel system pvt.ltd	Prof. H. V. Hirvaniya
18.	Internship at Fortune panel system pvt.ltd	Prof. H. V. Hirvaniya
19.	Internship at Megh Automation	Prof. H. V. Hirvaniya
20.	Internship at Miracle Automation	Prof. H. V. Hirvaniya
21.	Internship at Motion Automotives	Prof. H. V. Hirvaniya
22.	Internship at Volterix Automation	Prof. H. V. Hirvaniya
23.	Internship at Bhumi Industry	Prof. K.G. Prajapati
24.	Internship at GOKUL AGRI INTERNATIONAL LTD.	Prof. K.G. Prajapati
25.	Internship at Krupa Systems	Prof. K.G. Prajapati
26.	Internship at M.B Transformer	Prof. K.G. Prajapati
27.	Internship at MB ELECTRICAL	Prof. K.G. Prajapati
28.	Internship at Patel transformer co.	Prof. K.G. Prajapati
29.	Internship at Duke Plasto Technique Private Limited	Prof. M. G. Prajapati
30.	Internship at DEEP ELECTRICAL	Prof. M. G. Prajapati
31.	Internship at Wanakbori Thermal Power Plant	Prof. M. K. Patel
32.	Internship at Grasim industry LTD. Indian rayon	Prof. M. K. Patel

Sr. No.	Project Title	Name Of Guide
33.	Internship at GUJRAT CONTROL SYSTEM	Prof. J. H. Patel
34.	Internship at JOHN ENERGY LTD.	Prof. J. H. Patel
35.	Internship at TRANSFORMERS & RECTIFIERS (INDIA) LIMITED	Prof. J. H. Patel
36.	Internship at VIJAY INDUSTRY (VIKAS ELECTRICAL)	Prof. J. H. Patel
37.	Internship at Smart Forrest Fire Detection System using Arduino with source of Water Tank	Prof. H. V. Hirvaniya
38.	Internship at VISHWAKARMA YOJNA: IX	Prof. H. N. Chaudhari

## Result Analysis

Summer - 2022		Nos. of students appeared	Nos. of students passed	Pass %
FY	II Sem		Awaited	
SY	IV Sem		Awaited	
TY	VI Sem	48	16	33.33%
LY	VIII Sem	60	60	100%



## Topper of Summer 2020 GTU Exam

### Top Three of 8<sup>th</sup> Semester

Sr. No	Enrollment No	Name	SPI
1	180610109012	DESAI DHARMIKKUMAR DEVANGKUMAR	10
2	180610109062	VIRAMGAMI PRIYA SUDHIRKUMAR	10
3	190613109008	PATEL ASHISHKUMAR RAMESHBHAI	10

### Top Three of 6<sup>th</sup> Semester

Sr. No	Enrollment No	Name	SPI
1	190610109011	KUMAR HARSH	8.04
2	190610109008	JAGANIYA HITENDRAKUMAR VIRABHAI	7.65
3	190610109017	NAIR VYSHAKH ANILKUMAR	7.55

## Training attended by Student

Sr No.	Name of Industry	Date	Duration	No. of Student	Department
1	ACCUTECH AUTOMATION	20/06/2022	15 Days	6	Electrical
2	AMEE Electrical	20/06/2022	15 Days	3	Electrical
3	Ascent electrification	21/06/2022	15 Days	1	Electrical
4	Bosch Rexroth India Private Limited	20/06/2022	15 Days	2	Electrical
5	CAPTAIN PUMP PVT.LTD.	20/06/2022	15 Days	5	Electrical
6	Chamunda Pharma machinery private limited	20/06/2022	15 Days	1	Electrical
7	Deendayal port authority	20/06/2022	15 Days	1	Electrical
8	Duke Plasto Technique Private Limited.	20/06/2022	15 Days	2	Electrical
9	Dwarkadhish Refrigeration	15/06/2022	15 Days	1	Electrical
10	Geeta machine Tools Pvt. Ltd.	15/06/2022	15 Days	1	Electrical
11	KAMLA ELECTRICAL	20/06/2022	15 Days	2	Electrical
12	KHETANI ELECTRONICS	20/06/2022	15 Days	1	Electrical
13	Khodal Electricals	20/06/2022	15 Days	1	Electrical
14	kokila electrical	20/06/2022	15 Days	1	Electrical
15	LUMAX INDUSTRIES	20/06/2022	15 Days	1	Electrical
16	Maruti Electric, (kundan water pump)	20/06/2022	15 Days	1	Electrical
17	MAYUR TRANSFORMERS WORKS	17/06/2022	15 Days	1	Electrical



Sr No.	Name of Industry	Date	Duration	No. of Student	Department
18	Nature industries, Mehsana	20/06/2022	15 Days	1	Electrical
19	Neptune industry	20/06/2022	15 Days	1	Electrical
20	Nuclear Power corporation of india limited (a government of India enterprises) Kakrapar Site.	23/06/2022	15 Days	1	Electrical
21	Oil and natural gas corporation Limited (ONGC), Mehsana	21/06/2022	15 Days	4	Electrical
22	Om shree sai electrical	20/06/2022	15 Days	1	Electrical
23	Omtech engineering	20/06/2022	15 Days	1	Electrical
24	Patel Transformer Co.	20/06/2022	15 Days	2	Electrical
25	Ratanprabbha Motors	19/06/2022	15 Days	1	Electrical
26	Reliance pvt ltd.	20/06/2022	15 Days	1	Electrical
27	Vardhman pump and battery	20/06/2022	15 Days	1	Electrical

## Faculty Training

Sr. No.	Faculty	Training Title	Organizer	From	To
1	K. G. Prajapati	Induction Programme Phase-II	NITTTR	31-01-2022	11-02-2022
2	K. G. Prajapati	Inculcating Universal Human Values in Technical Education	AICTE	21-02-2022	25-02-2022
3	Prof. M. K. Patel	"Recent Advancement in Power system with Renewable Energy Sources"	ATAL Academy at GEC Patan	17-01-2022	21-01-2022
4	Prof. J. H. Patel	"Recent Advancement in Power system with Renewable Energy Sources"	ATAL Academy at GEC Patan	17-01-2022	21-01-2022

## Expert Talk

1. Dr. A. M Patel has delivered expert talk on “Assessment of Renewable Energy Resources” at Atal FDP, GEC Patan on dated 20/01/2022.
2. Prof. M. G. Prajapati has Delivered Expert lecture on “How to Set a Goal” in K D Polytechnic, Patan on dated 06/01/2022
- 3.

## Department Faculty

Sr. No.	Name of Faculty	Designation	Highest Qualification	Teaching Experience
1	Prof. B R Patel	Assistant Professor	M.E. (Power System)	16
2	Prof. A M Patel	Assistant Professor	Ph.D. (Electrical)	14
3	Prof. H N Chaudhari	Assistant Professor	M.E. (Power System)	10
4	Prof. H V Hirwaniya	Assistant Professor	M.Tech. (Electrical)	9
5	Prof. K G Prajapati	Assistant Professor	M.E. (Power System)	7
6	Prof. M G Prajapati	Assistant Professor	M.E. (Industrial Electronics)	8
7	Prof. M K Patel	Assistant Professor	M.Tech. (Electrical)	6
8	Prof. J H Patel	Assistant Professor	M.E. (Power System)	9