

# Elect at Glance

E- NEWS LETTER

HALF YEARLY MAGAZINE

July-December- 2021

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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### Newsletter Committee

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

### Contact us

## Electrical Engineering Department

Government Engineering College, Palanpur  
Jagana, Palanpur-Ahmedabad highway,  
Palanpur – 385011,  
Gujarat, India

## 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.

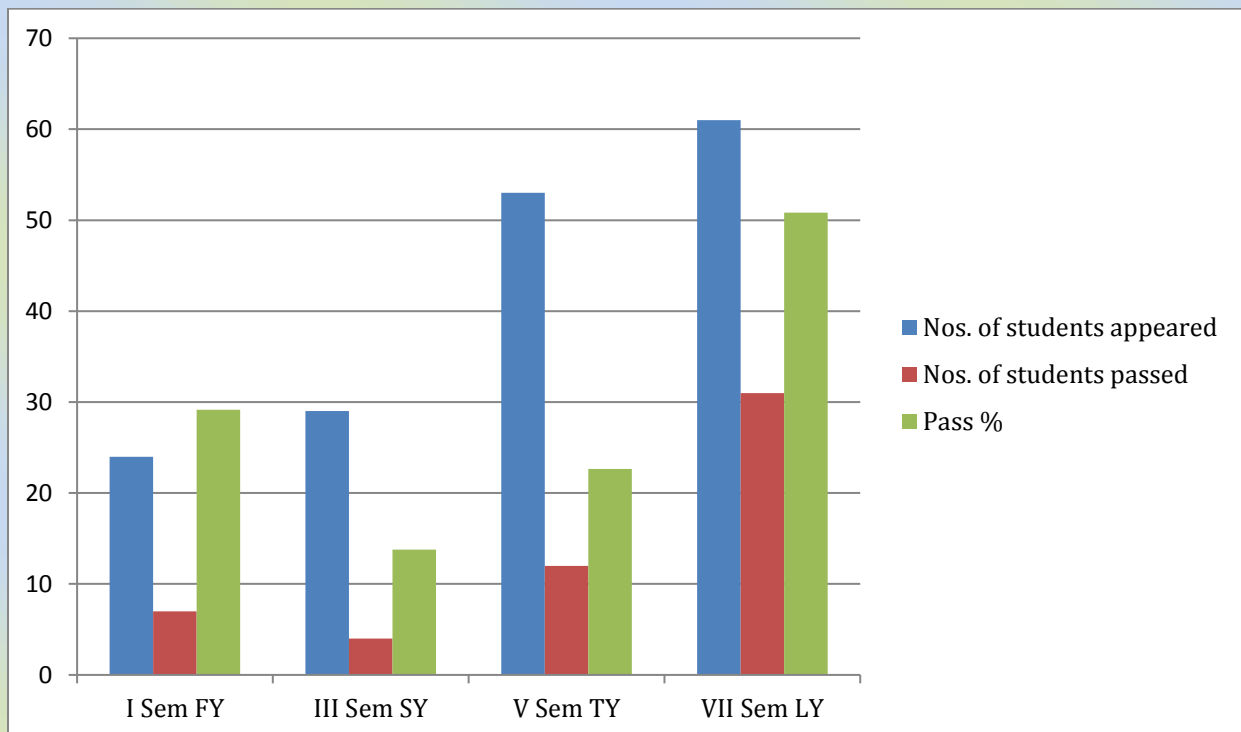
## Innovative Practice in Teaching-learning/Assessment Process

Sr. No.	Methodology	Subject	Class	Name of staff
1	Online Teaching through Team Microsoft/Progressive Assessment	ADE, ECA	3 <sup>rd</sup> Semester Classes	Prof. B. R. Patel
2	CO wise Progressive Assessment and Rubrics-based Evaluation	PS-II, EHV, SGP	5 <sup>th</sup> and 7 <sup>th</sup> Semester Classes	Dr. A. M. Patel
3	CO wise Progressive Assessment and Rubrics-based Evaluation	BEE, ADE, IC, PET	1 <sup>st</sup> , 3 <sup>rd</sup> and 5 <sup>th</sup> Semester Classes	Prof. H. N. Chaudhari
4	Online Teaching through Team Microsoft/Progressive Assessment	CST, S&S, AED	3 <sup>rd</sup> , 5 <sup>th</sup> and 7 <sup>th</sup> Semester Classes	Prof. H. V. Hirwaniya
5	Online Teaching through Team Microsoft/Progressive Assessment	EM-II, ACMD, AED	5 <sup>th</sup> and 7 <sup>th</sup> Semester Classes	Prof. K. G. Prajapati
6	Online Teaching through Team Microsoft/Progressive Assessment	BEE, EM-II, PE, IES	1 <sup>st</sup> , 5 <sup>th</sup> and 7 <sup>th</sup> Semester Classes	Prof. M. G. Prajapati

7	Online Teaching through Team Microsoft/Progressive Assessment	PP, HVE, IA	5 <sup>th</sup> and 7 <sup>th</sup> Semester Classes	Prof. M. K. Patel
8	Online Teaching through Team Microsoft/Progressive Assessment	SGP, PS-II, DM	5 <sup>th</sup> and 7 <sup>th</sup> Semester Classes	Prof. J. H. Patel

## Result Analysis

Winter - 2021		Nos. of students appeared	Nos. of students passed	Pass %
FY	I Sem	24	7	29.17
SY	III Sem	29	4	13.79
TY	V Sem	53	12	22.64
LY	VII Sem	61	31	50.82



## Topper of Winter 2021 GTU Exam

### Top Three of 1<sup>st</sup> Semester

Sr. No	Enrollment No	Name	SPI
1	210610109013	Thakor Sumitji Kanuji	9.00
2	210610109016	Abhishek Singh	7.24
3	210610109014	Parvej Khatri	7.18
4	210610109015	Abhishek Kumar Mahto	7.18

### Top Three of 3<sup>rd</sup> Semester

Sr. No	Enrollment No	Name	SPI
1	200610109001	Avinash Kumar	8.87
2	210610109501	Mansiya Salim Nizamuddin	8.43
3	200610109010	Darji Gunjankumar Vishnubhai	8.00

### Top Three of 5<sup>th</sup> Semester

Sr. No	Enrollment No	Name	SPI
1	190610109008	Jaganiya Hitendrakumar Virabhai	7.96
2	190610109017	Nair Vyshakh Anilkumar	7.87
3	190610109026	Prajapati Kunjan Mukundbhai Keshavlal	7.48

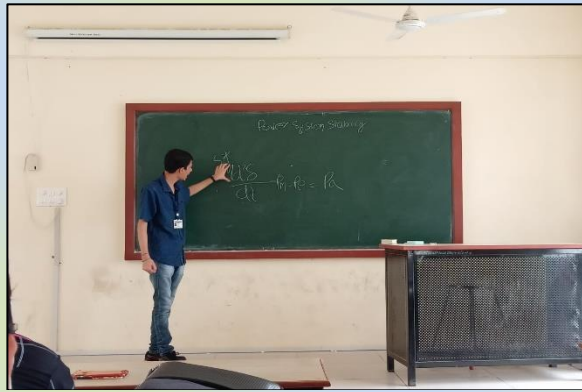
### Top Three of 7<sup>th</sup> Semester

Sr. No	Enrollment No	Name	SPI
1	180610109012	Desai Dharmikkumar Devangkumar	8.46
2	190613109008	Patel Ashishkumar Rameshbhai	8.00
3	190613109006	Panchal Pranay Kanaiyalal	7.96

## Department Activities

Organized “AICTE Training and Learning (ATAL) sponsored One Week Faculty Development Program (FDP) on “Assessment and Utilization of Renewable Energy Resources” during September 13 to 17, 2021. Coordinated by Dr. A. M. Patel

For 5<sup>th</sup> Semester Students, Department had organized a Teacher’s Day Celebration session on 04/09/2021 from 11:00am to 01:00pm. The Two Students from the class, Participated in Teacher’s Day Celebration and total 21 students plus 2 faculty coordinators were present during the session.



The Alumni Association of Electrical Department has organized an “Online Mock-Test for the up-coming GETCO exam (for VSJE)” for the pass out students of Department on 28/09/2021. A total of 111 students were registered and 54 students appeared in the exam.

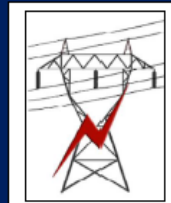
**ALUMNI ASSOCIATION  
GOVERNMENT ENGINEERING COLLEGE, PALANPUR  
Electrical Department**

**Organize**

**Online Mock-Test for up-coming  
GETCO exam (for VSJE)**

**Register Yourself**

<https://forms.office.com/r/ZLWE6dVX8Q>



**Last Date of Registration: 05-09-2021**

**Note:**

1. Mock test will be conducted based on the registration received.
2. This is only for GEC Palanpur (Electrical) students. Don't share the link with other college students.

**Coordinator**  
Prof. M G Prajapati  
Assistant Professor

**H.O.D**  
Prof. B. R. Patel  
Electrical Department

**Convener**  
Dr. A. M. Patel  
Alumni Association

**Patron**  
Dr. K. B. Judal  
Principal



## Faculty Training

Sr. No.	Faculty	Training Title	Organizer	From	To
1	Dr. A. M. Patel	Software Tools for Academicians, Researchers and Scientists	EED, NIT Hamirpur, HP	20-12-2021	24-12-2021
2	Prof H N Chaudhari	MATLAB for Electrical and Electronics Engineers	NITTTR Bhopal	12-07-2021	16-07-2021
3	Prof. H. N. Chaudhari	Accreditation for Undergraduate Engineering Programme	NITTTR Bhopal	26-07-2021	27-09-2021
4	Prof H. V. Hirvaniya	Induction Program Phase II	NITTTR Bhopal	21-06-2021	02-07-2021
5	Prof H. V. Hirvaniya	Accreditation for Undergraduate Engineering Programme	NITTTR Bhopal	26-07-2021	27-09-2021
6	Prof. K. G. Prajapati	Accreditation for Undergraduate Engineering Programme	NITTTR Bhopal	26-07-2021	27-09-2021
7	Prof. M. G. Prajapati	Induction Program Phase II	NITTTR Bhopal	27-09-2021	08-10-2021
8	Prof. M. G. Prajapati	Accreditation for Undergraduate Engineering Programme	NITTTR Bhopal	26-07-2021	27-09-2021
9	Prof. M. K. Patel	Induction Program Phase II	NITTTR Bhopal	26-07-2021	06-08-2021
10	Prof. J. H. Patel	Induction Program Phase II	NITTTR Bhopal	26-07-2021	06-08-2021

## Expert Talk

Dr. A. M. Patel has delivered an Expert Talk on “Integrated Renewable Energy System for Remote Rural Area” in “AICTE Training and Learning (ATAL)” sponsored One Week Faculty Development Program (FDP) on “Role of Renewable Energy Sources in Power System” organized by Government Engineering College, Patan from July 05 to 09, 2021.

Prof. H. N. Chaudhari delivered an expert lecture on “Start-up check and impact on future performance -Solar PV” to Eight batches of Various DISCOMS and GUVNL Empaneled vendor during two days training program on "Elite Solar Inspectors Training – A PV Rooftop Quality and Performance Initiative", organized by GERMI, Gandhinagar, from 23 August 2021 to 17 September 2021.



Dr. A. M. Patel has Delivered an Expert Talk on “Assessment of Solar Energy Resources” in “AICTE Training and Learning (ATAL)” sponsored One Week Faculty Development Program (FDP) on “Assessment and Utilization of Renewable Energy Resources” organized by Government Engineering College, Palanpur from September 13 to 17, 2021.

Prof. M. G. Prajapati has delivered an Expert talk on “Time Management in Students Life”, at GEC Palanpur, organized by training and placement cell of GEC Palanpur on 02/07/2021.

Prof. M. G. Prajapati has delivered an Expert talk on “Time Management in Student Life” in Electrical Engineering Department, Government Engineering College, Bhuj on 26/08/2021

Prof. M. G. Prajapati has delivered a special talk on “How to Sustain Success in Life” for recently pass out students of Electrical Engineering Department, Government Engineering College, Palanpur, on 2/10/2021

## Research and Publication

Patel, A. M., and Singal, S. K., “Computing Technologies for Renewable Energy Sources Integration” in “Image Processing in Renewable Energy Resources: Opportunities and Challenges”, Singh, R., Mishra, S., Gehlot, A. and Srivastava, M., Bentham Science Publishers Pte. Ltd., Singapore, 2021, pp. 31-57.

## Department Faculty

Sr. No.	Name of Faculty	Designation	Highest Qualification	Teaching Experience
1	Prof. B R Patel	Assistant Professor	M.E. (Power System)	17
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)	8
6	Prof. M G Prajapati	Assistant Professor	M.E. (Industrial Electronics)	9
7	Prof. M K Patel	Assistant Professor	M.Tech. (Electrical)	7
8	Prof. J H Patel	Assistant Professor	M.E. (Power System)	10