

Elect at Glance

E- NEWS LETTER

HALF YEARLY MAGAZINE

July-December- 2022

ELECTRICAL ENGINEERING DEPARTMENT
GOVERNMENT ENGINEERING COLLEGE PALANPUR



Government of Gujarat

GOVERNMENT ENGINEERING COLLEGE PALANPUR

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Newsletter Committee

Prof. B R Patel,
Prof. R B Chaudhary

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.

Department Faculty

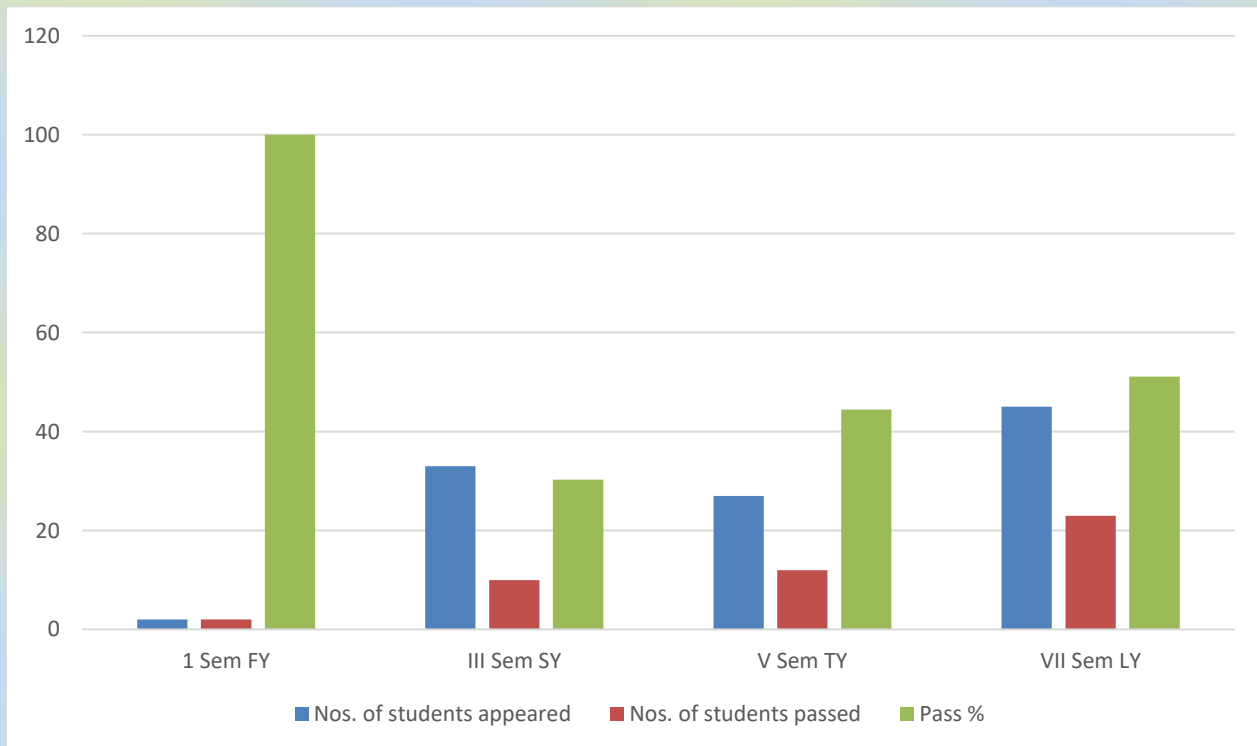
Sr. No.	Name of Faculty	Designation	Highest Qualification	Teaching Experience
1	Prof. B R Patel	Assistant Professor	M.E. (Power System)	18
2	Prof. A M Patel	Assistant Professor	Ph.D. (Electrical)	15
3	Prof. H N Chaudhari	Assistant Professor	M.E. (Power System)	11
4	Prof. H V Hirwaniya	Assistant Professor	M.Tech. (Electrical)	10
5	Prof. K G Prajapati	Assistant Professor	M.E. (Power System)	9
6	Prof. M G Prajapati	Assistant Professor	M.E. (Industrial Electronics)	10
7	Prof. M K Patel	Assistant Professor	M.Tech. (Electrical)	8
8	Prof. J H Patel	Assistant Professor	M.E. (Power System)	11
9	Prof. R B Chaudhary	Assistant Professor	M.E. (Power System)	9

Innovative Practice in Teaching-learning/Assessment Process

Sr. No.	Methodology	Subject	Class	Name of staff
1	CO wise Progressive Assessment	ECA, ADE, IPDC	3 rd and 5 th Semester Classes	Prof. B R Patel
2	Rubrics-based Evaluation	ECA, ADE, IPDC	3 rd and 5 th Semester Classes	Prof. B R Patel
3	CO wise Progressive Assessment	PS-II, EHV, SGP	5 th and 7 th Semester Classes	Dr. A. M. Patel
4	Rubrics-based Evaluation	PS-II, EHV, SGP	5 th and 7 th Semester Classes	Dr. A. M. Patel
5	CO wise Progressive Assessment	BEE, ADE, PET	1 st , 3 rd and 5 th Semester Classes	Prof. H N Chaudhari
6	Rubrics-based Evaluation	BEE, ADE, PET	1 st , 3 rd and 5 th Semester Classes	Prof. H N Chaudhari
7	CO wise Progressive Assessment	PPS, S&S, CST, PPS	1 st and 5 th Semester Classes	Prof. H V Hirwaniya
8	Rubrics-based Evaluation	PPS, S&S, CST, PPS	1 st and 5 th Semester Classes	Prof. H V Hirwaniya
9	CO wise Progressive Assessment	BEE, EM-II, ACMD	1 st , 5 th and 7 th Semester Classes	Prof. K G Prajapati
10	Rubrics-based Evaluation	BEE, EM-II, ACMD	1 st , 5 th and 7 th Semester Classes	Prof. K G Prajapati
11	CO wise Progressive Assessment	IC, EM-II, IES	3 rd , 5 th and 7 th Semester Classes	Prof. M G Prajapati
12	Rubrics-based Evaluation	IC, EM-II, IES	3 rd , 5 th and 7 th Semester Classes	Prof. M G Prajapati
13	CO wise Progressive Assessment	PYP, HVE, IA	5 th and 7 th Semester Classes	Prof. M K Patel
14	Rubrics-based Evaluation	PYP, HVE, IA	5 th and 7 th Semester Classes	Prof. M K Patel
15	CO wise Progressive Assessment	PS-II, DM, SGP	5 th and 7 th Semester Classes	Prof. J H Patel
16	Rubrics-based Evaluation	PS-II, DM, SGP	5 th and 7 th Semester Classes	Prof. J H Patel

Result Analysis of Winter 2022

Winter - 2022		Nos. of students appeared	Nos. of students passed	Pass %
FY	I Sem	02	02	100
SY	III Sem	33	10	30.3
TY	V Sem	27	12	44.44
LY	VII Sem	45	23	51.11



Topper of Winter 2022 GTU Exam

Top Two of 1st Semester

Sr. No	Enrollment No	Name	SPI
1	220610109002	Chhatraya Paraskumar Rameshji	7.06
2	220610109004	Chaudhary Sumitkumar Mukeshbhai	6.76

Top Three of 3rd Semester

Sr. No	Enrollment No	Name	SPI
1	210610109014	Parvez Khatri	8.04
2	210610109018	Ganvadiya Anjaliben Jagadishbhai	8.04
3	210610109013	Thakor Sumitji Kanuji	7.96

Top Three of 5th Semester

Sr. No	Enrollment No	Name	SPI
1	210610109501	Manasiya Salim Nizamuddin	8.61
2	200610109001	Avinash Kumar	8.48
3	200610109010	Daraji Gunjankumar Vishnubhai	8.30

Top Three of 7th Semester

Sr. No	Enrollment No	Name	SPI
1	190610109011	Kumar Harsh	8.83
2	190610109008	Jaganiya Hitendrakumar Virabhai	8.00
3	190610109017	Nair Vyshakh Anilkumar	7.46

Training attended by Student

Sr. No	Name of Student	Enrollment No	Name of Industry	Duration	
				From	To
1	Chauhan Om Vishnubhai	190610109002	ONGC Mehsana	21-06-22	06-07-22
2	Chauhan Tejaskumar Vijaybhai	190610109003	Chamunda Pharma Machinery Pvt. Ltd	20-06-22	03-07-22
3	Jaganiya Hitendrakumar Virabhai	190610109008	Duke Plasto Technique Pvt. Ltd	20-06-22	05-07-22
4	Harsh Kumar	190610109011	Ratanprabbha Motors	19-06-22	10-07-22
5	Ayaz Kureshi	190610109012	Kamla Electrical	20-06-22	04-07-22
6	Malakar Aashish Sadashiv	190610109013	Captain Pumps Pvt. Ltd	20-06-22	03-07-22
7	Kheteshvar	190610109014	Kokila Electrical	20-06-22	09-07-22
8	Harsh Navinbhai Mistri	190610109015	Duke Plasto Technique Pvt. Ltd	20-06-22	05-07-22
9	Nair Vyshakh	190610109017	Captain Pumps Pvt. Ltd	20-06-22	05-07-22
10	Parmar Satyamkumar	190610109018	ONGC Mehsana	20-06-22	06-07-22
11	Patel Harshkumar Rajendrakumar	190610109019	Accutech Automation	20-06-22	03-07-22
12	Patel Smit K.	190610109021	Kamla Electricals	20-06-22	05-07-22
13	Prajapati Hiren Ishwarbhai	190610109025	Accutech Automation	20-06-22	03-07-22
14	Prajapati Kunjan Mukundbhai	190610109026	Accutech Automation	20-06-22	03-07-22
15	Prajapati Milankumar Ganeshbhai	190610109027	ONGC Mehsana	21-06-22	06-07-22
16	Prerna Pramod Sharma	190610109029	NPC India	23-06-22	11-07-22
17	Sanket Singh	190610109030	Reliance Pvt Ltd.	20-06-22	05-07-22
18	Solanki Arvindkumar Pirabhai	190610109031	ONGC Industry	20-06-22	06-07-22
19	Rameet Singh	190610109034	Captain Pumps Pvt. Ltd	20-06-22	05-07-22

Sr. No	Name of Student	Enrollment No	Name of Industry	Duration	
				From	To
20	Modi Dhruv Sanjaykumar	200610109501	Accutech Automation	20-06-22	04-07-22
21	Giri Pintu Jayprakash	200610109502	Vardhman Pump and Battery	20-06-22	04-07-22
22	Mali Krunal Pramod Kumar	200610109503	Nature Industries, Mehsana	20-06-22	04-07-22
23	Chavda Sunilkumar H.	200610109504	Captain Pumps Pvt. Ltd	20-06-22	05-07-22
24	Aniq Farooqui	200610109505	Bosch Rexroth India Private Limited	20-06-22	04-07-22
25	Patel Sunny Kumar Vasant Kumar	200610109506	Neptune Industry	20-06-22	04-07-22
26	Kanzariya Chiragbhai Maheshbhai	200610109510	Mayur Transformers Works	17-06-22	05-07-22
27	Keval Tank	200610109511	Deendayal Port Authority	20-06-22	09-07-22
28	Nayak Deep Kirankumar	200610109516	Accutech Automation	20-06-22	03-07-22
29	Raval Lavakesh Bharatbhai	200610109517	Patel Transformer Co.	20-06-22	04-07-22
30	Kanzariya Brijesh Ashokbhai	200610109518	Dwarkadhish Refrigeration	15-06-22	02-07-22
31	Ayar Vinodkumar Jivanbhai	200610109519	Om Shree Sai Electrical	20-06-22	09-07-22
32	Soni Raghav Vijaybhai	200610109520	Lumax Industries	20-06-22	09-07-22
33	Parmar Bhumesh Mohanbhai	200610109521	Captain Pumps Pvt. Ltd	20-06-22	03-07-22
34	Dipendrasinh M Barad	200610109524	Amee Electricals	20-06-22	06-07-22
35	Suthar Hardikkumar Mahendrabhai	200610109525	Amee Electricals	20-06-22	06-07-22
36	Patel Ishan Naranbhai	200610109526	Omtech Engineering	20-06-22	09-07-22
37	Bavaliya Harshal Himmatbhai	200610109527	Khodal Electricals	20-06-22	06-07-22
38	Prajapati Nikulkumar Govindbhai	200610109529	Patel Transformer Co.	20-06-22	04-07-22

Sr. No	Name of Student	Enrollment No	Name of Industry	Duration	
				From	To
39	Rathod Axay Tulsibhai	200610109531	Maruti Electric,	20-06-22	06-07-22
40	Rushilkumar Rameshbhai Suthar	200610109532	Accutech Automation	20-06-22	03-07-22
41	Thakor Aadesh Bharatbhai	200610109535	Khetani Electronics	20-06-22	05-07-22
42	Joshi Bhargav Dharmendrakumar	200610109536	Amee Electricals	20-06-22	06-07-22
43	Kishan Suthar	200610109537	Bosch Rexroth India Pvt. Ltd	20-06-22	04-07-22
44	Varu Piyush	200610109539	Ascent Electrification	21-06-22	09-07-22

Industrial Visit

Students of 7th semester and 5th semester of Department visited Power Grid Corporation of Ind Ltd, situated in Mudetha, Deesa on 18-10-2022. Total 48 students took benefit of this industrial visit. These students were accompanied by Prof. H V Hirvaniya, Prof. M G Prajapati and Mr. Manthan J Trivedi.

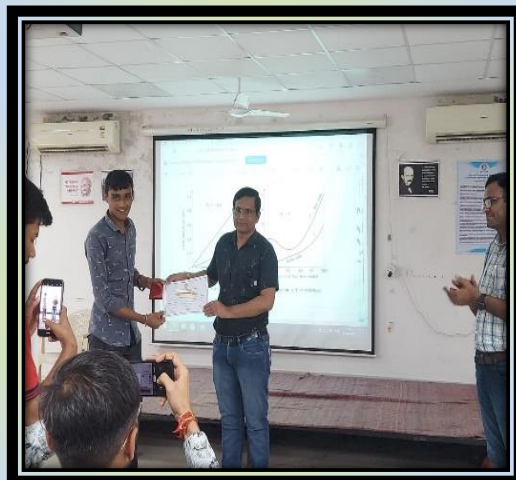


Department Activities

Department had Organize Farewell Function for the final year students of Electrical Engineering of 2018-2022 batch. on 4th May 2022. Event is Coordinated by Prof. M K Patel.



Department had Organize “Elocution Competition” for the students of Electrical Engineering Department on 15th September, 2022. Total 17 has participated in the event. Event is Coordinated by Prof. M G Prajapati.



Faculty Training

Sr. No.	Faculty	Training Title	Organizer	From	To
1	Prof. R B Chaudhary	Induction Phase - II	NITTTR Bhopal	12/09/2022	23/09/2022

Expert Talk

Prof. M. G. Prajapati has Delivered Expert lecture on “Catalyst, the Ultimate strategies to win in life” in Government Polytechnic, Palanpur on dated 20/09/2022

Research and Publication

1. Patel, M. K., and Patel, A. M., “Comparative Analysis of State Estimation Techniques for Smart Grid Security Analysis” in “International Journal of Advanced Engineering Science”, Vol-54, Issue-2, Oct-22, pp. 3593-3609.
2. Patel, M. K., and Patel, A. M., “Simulation of BS-Sliding Mode Control for Grid Connected DG Units with Power Quality Improvement” in “Journal of Optoelectronics Laser”, Vol-41, Issue-10, Oct-22, pp. 565-84.