

Elect at Glance

E- NEWS LETTER

HALF YEARLY MAGAZINE

July-December- 2018

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,
Prof. H V Hirvaniya

Contact us

Electrical Engineering Department

Government Engineering College, Palanpur
Jagana, Palanpur-Ahmedabad highway,
Palanpur – 385011,
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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.

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 11 highly qualified, dedicated and experienced faculty members who encourage the students to develop problem solving skills and research attitude.



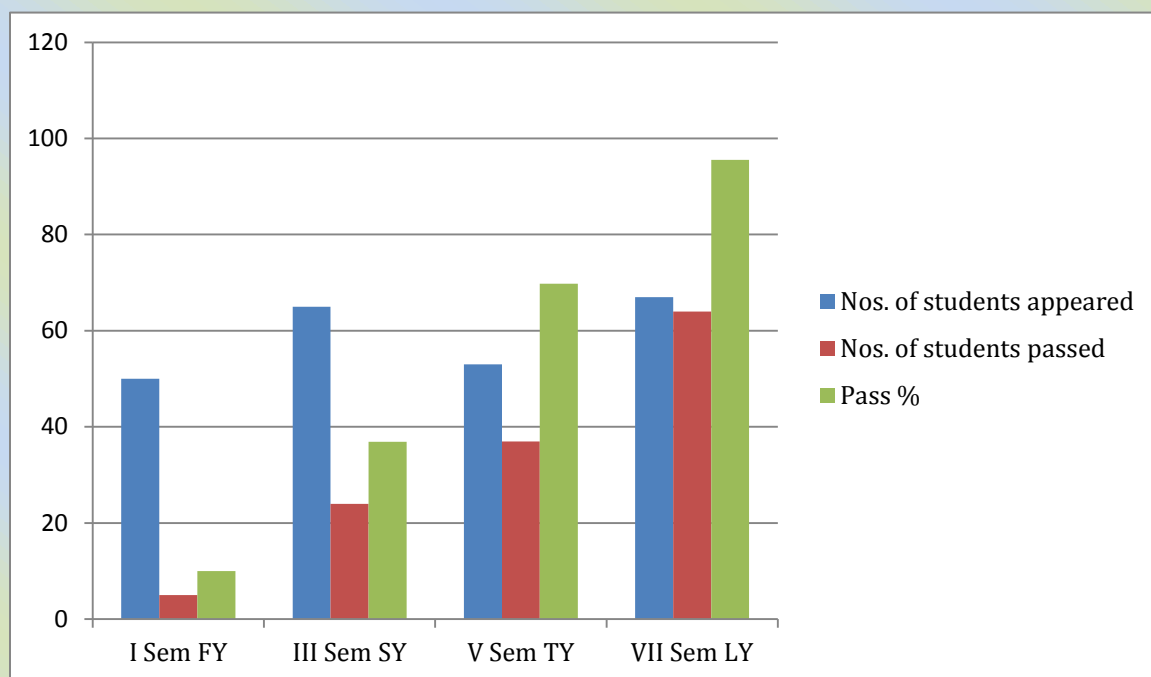
The faculties of electrical department are actively engaged with colleagues in taking pivotal technical problems of society. We not only teach regular curriculum to the students, but also mentoring them regularly. Being a head of department i except each in his or her path should be a leader. The department 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.

Innovation Practice in Teaching Learning

Sr. No.	Methodology	Related subject	Class	Name of staff
1	Students are asked to simulate problem in software	Control System Engineering	5 th Sem.	Prof. J.H.Patel
2	Quiz	Inter Connected Power system	7 th Sem.	Prof. K. G. Prajapati
3	Many practical's effectively performed through virtual lab developed by IIT Bombay.	Switch Gear and Protection	7 th Sem	Prof. A. M. Patel

Result Analysis

Winter - 2018		Nos. of students appeared	Nos. of students passed	Pass %
FY	I Sem	50	5	10
SY	III Sem	65	24	36.92
TY	V Sem	53	37	69.81
LY	VII Sem	67	64	95.52



Topper of Winter 2018 GTU Exam

Top Three of 1st Semester

Sr. No	Enrollment No	Name	SPI
1	180610109012	DESAI DHARMIKKUMAR DEVANGKUMAR	7.47
2	180610109062	VIRAMGAMI PRIYA SUDHIRKUMAR	6.94
3	180610109002	BABU OMESH	6.71

Top Three of 3rd Semester

Sr. No	Enrollment No	Name	SPI
1	170610109046	RATHOD BHAGIRATHSINH R	8.61
2	170610109010	JOSHI KESHAV SATYANARAYAN	8.52
3	170610109015	KUMAR SHUBHAM PRADEEP	8.33

Top Three of 5th Semester

Sr. No	Enrollment No	Name	SPI
1	160610109016	GADHAVI MAYURKUMAR R	8.77
2	160610109021	KHAN RAHILKHAN A K	8.53
3	160610109044	PATEL RAJKUMAR JASHAVANTBHAI	8.3

Top Three of 7th Semester

Sr. No	Enrollment No	Name	SPI
1	150610109011	GADHAVI RAVIRAJ MAHENDRADAN	9.52
2	150610109003	BHANUSHALI MANOJKUMAR V	8.93
3	150610109018	MAHETA RUCHITABEN LAKSHMISHANKAR	8.72

Training attended by Student

Sr. No	Name of Student	Enrollment No	Name of Industry	Duration	
				From	To
1	Solanki Mahendra C	150610109055	GETCO Deesa	30-06-18	14-07-18
2	Suthar Ashvinbhai B	150610109056	GETCO Deesa	30-06-18	14-07-18
3	Prajapati Raj A	160613109012	GETCO Palanpur	30-06-18	14-07-18
4	Suthar Parthkumar G	150610109057	GETCO Palanpur	30-06-18	14-07-18
5	Patel Jigar D	150610109029	GSECL Gandhinagar	16-07-18	28-07-18
6	Tank Mit H	160613109013	GSECL Gandhinagar	16-07-18	28-07-18
7	Patel Neel K.	150610109034	GSECL Gandhinagar	16-07-18	28-07-18
8	Ninama Smit R	150610109020	GSECL Gandhinagar	16-07-18	28-07-18
9	Khodaliya Ronak P	150610109015	GSECL Gandhinagar	16-07-18	28-07-18
10	Mevada Tanvi J	150610109019	GSECL Gandhinagar	16-07-18	28-07-18
11	Maheta Ruchita L	150610109018	GSECL Gandhinagar	16-07-18	28-07-18
12	Joshi Chitraben J	150610109013	GSECL Gandhinagar	16-07-18	28-07-18
13	Parmar Reena M	150610109025	GSECL Gandhinagar	16-07-18	28-07-18
14	Gadhavi Raviraj M	150610109011	Shri Bhagwati Oil Mill	17-12-18	29-12-18
15	Thanki Akshay B	160613109014	Saurashtra Cement Limited	01-12-18	14-12-18

Industrial Visit

- 7th semester students of Department visited Thermal Power Station, situated in Wanakbori on 08-08-2018. Total 62 students took benefit of this industrial visit. These students were accompanied by Prof. K G Prajapati and Prof. J H Patel.



- 7th semester students of Department visited 400KV substation, situated in kansari, Deesa on 13-08-2018. Total 62 students took benefit of this industrial visit. These students were accompanied by Prof. K G Prajapati and Prof. N A Mistri



Students Achievement

Sr.	Student Name	Enrollment No	Event	Event Date	Rank
1	Malhotra Parth Vinodbhai	160613109006	Kusti Khel Maha Kumbh	12-07-18	1st
2	Malhotra Parth Vinodbhai	160613109006	Judo Khel Maha Kumbh	14-07-18	1st
3	Malhotra Parth Vinodbhai	160613109006	Kusti Khel Maha Kumbh	04-08-18	1st
4	Malhotra Parth Vinodbhai	160613109006	Judo Khel Maha Kumbh	09-08-18	1st
5	Malhotra Parth Vinodbhai	160613109006	100 M Run Khel Maha Kumbh	14-08-18	2nd
6	Dipakkumar Mamtora	150610109009	Chess Kankarej	22-09-18	3rd
7	Malhotra Parth Vinodbhai	160613109006	Wrestling Bhuj District Sport Event	11-12-18	st

Faculty Training

Sr. No.	Faculty	Training Title	Organizer	From	To
1	Prof. K.G.Prajapati	Induction Phase - I	NITTR Bhopal	17-09-18	28-09-18
2	Prof. M G Prajapati	Faculty Development Programon beyond classroom toward Excellence	IITE Gandhinagar	05-09-18	10-09-18
3	Prof. M G Prajapati	Induction Phase -1	NITTTTR Ahmedabad	22-10-18	02-11-18
4	Prof. M G Prajapati	Recent Technical Innovation & Development in Electrical Engineering	CTE Gujarat	01-01-18	11-01-18
5	Prof.J.H.Patel	Faculty Development program on "Beyond the classroom towards excellence"	IITE Gandhinagar	27-07-18	02-08-18
6	Prof.J.H.Patel	MOOC program on " Power System Analysis"	NPTEL	30-07-18	19-10-18
7	Prof.M. K Patel	Faculty Development of techers of technical	IITE Gandhinagar	06-08-18	11-08-18
8	Prof.M. K Patel	Introduction to internet of things	NPTEL	30-07-18	19-10-18
9	H. V. Hirvaniya	Induction Phase I	NITTTTR Bhopal	25-06-18	06-07-18

Research and Publication

1. Patel, A. M., and Singal, S. K. (2019), "Implementation methodology of integrated renewable energy system modeling for off-grid rural electrification: A review", 2018 International Conference and Utility Exhibition on Green Energy for Sustainable Development, Phuket, Oct 24-26, 2018, Thailand, 1-8.

Department Faculty

Sr. No.	Name of Faculty	Designation	Highest Qualification	Teaching Experience
1	Prof. B R Patel	Assistant Professor	M.E.(Power System)	14
2	Prof. A M Patel	Assistant Professor	Ph.D. (Pursuing)	11
3	Prof. H N Chaudhari	Assistant Professor	M.E.(Power System)	07
4	Prof. H V Hirwaniya	Assistant Professor	M.Tech. (Electrical)	06
5	Prof. K G Prajapati	Assistant Professor	M.E.(Power System)	05
6	Prof. M G Prajapati	Assistant Professor	M.E.(Industrial Electronics)	06
7	Prof. M K Patel	Assistant Professor	M.Tech. (Electrical)	04
8	Prof. J H Patel	Assistant Professor	M.E.(Power System)	07
9	Prof. M R Suneja	Assistant Professor	M.E.(Power System)	06
10	Prof. N A Mstry	Assistant Professor	M.E.(Power System)	04