



UKA TARSADIA
u n i v e r s i t y

Expert Lecture on Selection and Testing of LV Switchgear

Date: 03/10/2025

Expert: Mr. Jay Patel

Assistant Professor at Asha M. Tarsadia Institute of Computer Science and Technology

Number of Students Benefited: 33

Seminar Report on Expert Lecture of Selection and Testing of LV Switchgear for Department of Electrical Engineering, CGPIT, Uka Tarsadia University

On 3RD October 2025, CGPIT (Chhotubhai Gopalbhai Patel Institute of Technology) hosted an Expert Lecture, led by Mr. Jay Patel , an experienced electrical engineer. The Expert Lecture was designed to provide students with practical knowledge and skills related to Selection and Testing of LV Switchgear ,bridging the gap between theoretical education and practical application.

Lecture Activities:

A Workshop on Selection and Testing of LV Switchgear was conducted, in which 33 Diploma Electrical Engineering students from Government Polytechnic College, Vyara participated.

During their visit, the students also explored the Central Library and various laboratories of C. G. Patel Institute of Technology (CGPIT). Additionally, Mr. Parth Parmar provided detailed information about the university and its academic environment.

The workshop was delivered by Mr. Jay Patel and was organised by Ms. Hiral Shah and Ms. Sanjana Parmar from the Electrical Department of CGPIT.

Feedback and Conclusion:

Feedback from participants was overwhelmingly positive, with many expressing appreciations for the practical approach. Participants felt that the lecture activities significantly enhanced their understanding and skills, and they valued the emphasis on safety. Overall, the Expert Lecture on Selection and Testing of LV Switchgear

I was a successful event that provided students with a solid foundation in both theoretical and practical aspects of domestic wiring. Moving forward, it is recommended to include advanced topics and extended practical sessions in future Lecture to further enrich the learning experience.

One day workshop on Selection and Testing of Lv SwitchGear
Organized By
Electrical Department
C.G Patel Institute of Technology
3rd October 2025

Sr No	Time	Activity	Session Expert	Faculty Coordinator
1	10:00 -10:30	Breakfast		
2	10:30 -10:45	Inauguration		Ms. Hiral Shah
3	10:45 -12:45	Session -1 1)Testing of Overcurrent relay 2) Testing of Overvoltage Relay 3) Testing of Undervoltage Relay 4) Radial Feeder Protection 5) Parallel Feeder Protection 6)Reverse Power Protection	Mr. Jay Patel (AMTICS)	Ms. Hiral Shah
4	12:45-1:30	Lunch		
5	1:30 -2:45	Session-2 7) Induction motor protection 8)Transformer Protection 9)Testing of ELCB ,MCB ,MCCB 10) Testing of ACB 11) Coordination of Smart MCB and Smart switch	Mr. Jay Patel (AMTICS)	Ms. Sanjana Parmar
6	2:45 - 3:15	Bosch Lab , Machine lab ,High voltage Lab Visit		Ms. Hiral Shah
7	3:15 -3:30	Velidictory function		Ms. Sanjana Parmar

Glimpses of the sessions



