

CHHOTUBHAI GOPALBHAI PATEL INSTITUTE OF TECHNOLOGY

Department of Electrical Engineering

A REPORT

ON

One Day Workshop on

“Selection, Testing and Maintenance of LV Switchgear”

On 21st February, 2020

Title of the Workshop	Selection, Testing and maintenance of LV Switchgear
Organized by	IEEE Student branch, UTU and Electrical Engineering Department
Chief Patron	Dr. D. R. Shah, Provost, UTU.
Patron	Dr. R. V. Patil, Director, CGPIT.
Convener	Mr. Ankur Rana (Head of EE Dept.)
Programme Coordinators	Mr. Jay Patel Mr. Hiren Sidhpuria Ms. Arpita Patel Mr. Bhargav D. Patel
Target Audience	Diploma final year students
Total Number of Participants	31
Date of Programme	21/02/2020
Invited Speakers	Mr. Jay Patel Assistant Professor, CGPIT

Schedule of WORKSHOP

<p style="text-align: center;">Uka Tarsadia University Chhotubhai Gopalbhai Patel Institute of Technology One Day Workshop On “Selection, Testing and Maintenance of LV Switchgear “ Organized by IEEE Student branch, UTU and Electrical Engineering Department Sponsored by Uka Tarsadia University 21th February 2020 Schedule Of Workshop</p>		
SR NO	TIME	(21/02/2020)
1	8:30-8:45 AM	Tea & Breakfast
2	8:45- 9:00 AM	Inaugural Function (Venue: J.D Hall)
3	9:00-11:00 AM	Expert Session “Selection, Testing and Maintenance of LV Switchgear” By Mr. Jay Patel Assistant Professor, EE Department CGPIT, Bardoli
4	11:00 AM-11:45 AM	Lunch
5	11:45 AM -2:00 PM	Laboratory Session Power system Protection and Switchgear lab By Mr. Jay Patel & Ms. Arpita Patel Assistant Professor, EE Department CGPIT, Bardoli
6	2:00-4:00 PM	Laboratory Session High voltage Engineering Lab By Mr. Hiren Sidhpuria & Mr. Bhargav Patel Assistant Professor, EE Department CGPIT, Bardoli
8	4:00-4:30 PM	Valedictory

Details of the WORKSHOP:

Preamble:

Department of Electrical Engineering and IEEE student Branch, UTU has organized one day workshop on “Selection, Testing and maintenance of LV Switchgear” sponsored by Uka Tarsadia University. Total 31 participants participated in this Workshop. The inauguration ceremony of Workshop was started by UTU song. As per tradition of CGPIT, all the dignitaries were given a warm welcome and were felicitated to express respect and gratitude towards them for devoting their valuable time and gracing the Workshop. The dignitaries that graced the inauguration ceremony of Workshop were Dr. R.V. Patil (Director, CGPIT), Mr. Ankur Rana, Head of EE Department, CGPIT. The dignitaries were felicitated by the coordinators of the Workshop.

Ms. Hinal Surati gave a brief introduction about the Workshop. She introduced the dignitaries and expressed her views about the importance of Workshop. The Honorable Director of CGPIT, Dr. R. V. Patil gave the welcome speech. He motivated the students and faculties for participating in technical events like short term training program, workshop, expert talk, etc. He also congratulated and appreciated the efforts made by the EE department for organizing such workshop.

Session Detail:

All the sessions were very interactive and laid a very good impact on the audience.

- **Session 1: Selection, Testing, Maintenance of LV Switchgear**

The session was conducted by Mr. Jay Patel. He had discussed about selection, testing and maintenance of switchgears for different applications in power system protection.

- **Lab Session**

In this session students were divided into two groups and two laboratory sessions were conducted in parallel at High Voltage Laboratory and switchgear & protection laboratory. In High Voltage Laboratory, students had performed different Testing like Impulse Generator; Oil Insulation Testing for maintenance of switchgear etc.

In Switchgear Laboratory, students had performed testing of Earth Leakage Circuit Breaker, Residual Current Circuit Breaker, Air Circuit Breaker, Contactor and Miniature Circuit Breaker.

Also, students had visited BOSCH laboratory.

Glimpse of the WORKSHOP:



Inaugural Function





Technical Sessions



Valedictory and Certificate Distribution

