

A Report
On
IEEE POWER & ENERGY SOCIETY (PES) and Uka
Tarsadia University Sponsored One Day
Workshop on “High Voltage Engineering”
On 27th January, 2020
At Chhotubhai Gopalbhai Patel Institute of Technology,
Department of Electrical Engineering

Title of the Workshop	High Voltage Engineering
Organizer	Electrical Engineering Department, C.G. Patel Institute of Technology
Chief Patron	Dr. D. R. Shah, Provost, UTU.
Patron	Dr. R .V Patil , Director ,CGPIT
Convener	Mr. Ankur Rana, Head of EE Department, CGPIT
Organizing Secretary	Mr. Jay Patel, Assistant Professor, EE Department ,CGPIT
Programme Coordinators	Mr. Hiren Sidhpuria, Assistant Professor, EE Department ,CGPIT Ms. Arpita Patel, Assistant Professor, EE Department ,CGPIT
Target Audience	Faculty members and industrial person, Research scholars and Engineering students.
Total Number of Participants	52
Date of Programme	27 th January, 2020
Keynotes Speakers	Mr. Jay Patel, Assistant Professor, EE Department ,CGPIT Mr. Hiren Sidhpuria, Assistant Professor, EE Department ,CGPIT Mr. Bhargav Patel, Assistant Professor, EE Department ,CGPIT Ms. Arpita Patel, Assistant Professor, EE Department ,CGPIT

Details of the Workshop:

Preamble:

The Department of Electrical Engineering, CGPIT has jointly organized one day workshop on “High Voltage Engineering” sponsored by IEEE *POWER & ENERGY SOCIETY* (PES) & Uka Tarsadia University. Total 52 participants participated in this Workshop which includes faculties, B.Tech and M.Tech students.

The inauguration ceremony of Workshop was started by UTU song followed by lamp lighting and prayer to seek the blessings of almighty. 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) and head of all the departments of CGPIT. The dignitaries and experts were felicitated by the coordinators of the workshop.

Prof. Arjun Jariwala gave a brief introduction about the workshop. He introduced the experts and expressed his views about the importance of workshop.

The Honourable Director of CGPIT, Dr. R.V.Patil gave the welcome speech. He complimented all the coordinators for the topic since High Voltage Testing is most relevant to the present scenario and has thrown some light on workshop titled “High Voltage Engineering”. He emphasis that the students should must concentrate and explore the areas of non-conventional sectors which can also make their future bright. Prof. Jay Patel gave the vote of thanks.

Session Detail:

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

Session-1: Expert Session on “Recent Trend in High voltage Engineering”

This session was delivered by Mr. Jay Patel. In this session he encouraged and made students to realize the important of the recent trend in high voltage engineering. He has also explain about recent advancement in high voltage insulator and Insulation coordination.

Session-2: Laboratory Session

In this session students were divided into two groups and two laboratory sessions were conducted in parallel at High Voltage Laboratory and High voltage laboratory sessions in virtual lab. In High Voltage Laboratory different Testing like Impulse Generator, Oil Insulation Testing , Solid Insulation testing ,Tan delta measurement were performed by Mr. Jay Patel and Mr. Hiren sidhpuria.

While in virtual laboratory Impulse Voltage Generator, Impulse Current Generator and Critical Flash Over of sphere gap using IVG etc. were performed by Ms. Arpita Patel and Mr. Bhargav Patel.

Glimpse of the Workshop:



Registration and Inaugural function





Welcoming Dignitaries



Expert session



Laboratory Session



Feedback



Group Photo