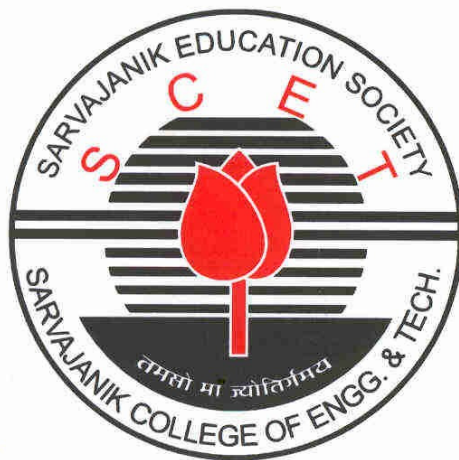


Sarvajanik Education Society
Sarvajanik College of Engineering & Technology, Surat



Department of Electrical Engineering

**Expert Talk
On
“Switchyard: A Journey of Electricity to the Grid”**

An Expert talk has been arranged to target the students of B.Tech. - II and B.Tech. - III year, Department of Electrical engineering covering the subjects of Power System I & Power System II. Objective of the talk was to give brief idea about Switchyard & its working.

Resource Person: Prof. Chintan Patel, Assistant Professor, EED, GCET, V.V.Nagar

Venue: EC Seminar Hall

Date & Time: 2nd March 2023, 11:15 am onwards

Participants: (40 +) 2nd & 3th Year Undergraduate Students

Brief Introduction of Speaker:

Prof. Chintan is currently serving as Assistant Professor at G H Patel College of Engineering & Technology, Vallabh Vidhyanagar with total experience of 20 years. He completed a Bachelor of Engineering from Gujarat University in 2001 and a Master of Engineering from Gujarat Technological University in 2011 with a Gold Medal. At present, he is pursuing Ph.D. in the High Voltage Engineering domain. He has 3 years of industrial and 17 years of teaching experience. He has published/presented 24 research papers in journals and conferences. He has guided 15 master's dissertation projects. He has delivered more than 28 expert talks on various technical and non technical topics at different institutes. Apart from engineering, he has inclinations toward history, war stories, and modern military operations.

Session Summary:

The Expert Lecture on “Switchyard: A Journey of Electricity to the Grid” was organized by Department of Electrical Engineering. The session commenced with welcome speech addressed to the audience by **Prof. Naman B. Bhatt**.

Prof. Naman B. Bhatt gave a brief introduction of Prof. Chintan Patel and **Prof. Naman B. Bhatt** felicitated him with flowers as a token of love and affection.

Prof. Chintan Patel explained Basics of Power System & type of energy in detail. He explains hierarchical Grid Arrangements. He also told some interesting analogy of Power System Network to Human body. Professor than explain different factor contributing to power flow and control. After these he explains bus arrangement, 220 kV switchyard at Power Plant and Substation Earthing.

Lastly he explains practical Step and Touch Potential importance in substation.

The talk session by Prof. Chintan. Patel proved to be very informative and beneficial to 2nd & 3th UG students. Excellent coverage of topic with correlation of field interpretation by Prof. Chintan Patel proved to be very interesting to students.

Prof Naman B. Bhatt concluded the session by vote of thanks on behalf of Department of Electrical Engineering.

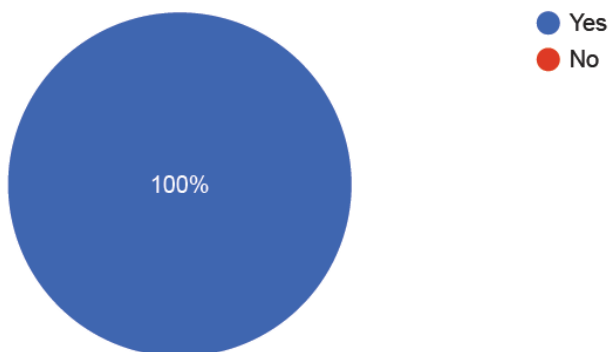
This is how one more successful event has been credited to the Department of Electrical Engineering.

Feedback of the Event:

Do the session related to your curriculum?

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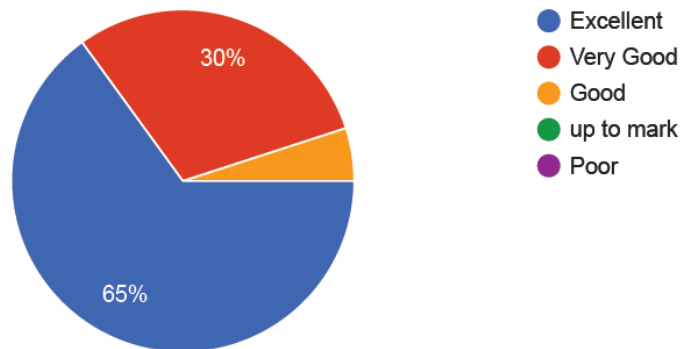
40 responses



Rate the contents of expert talk on the basic of usefulness and interest

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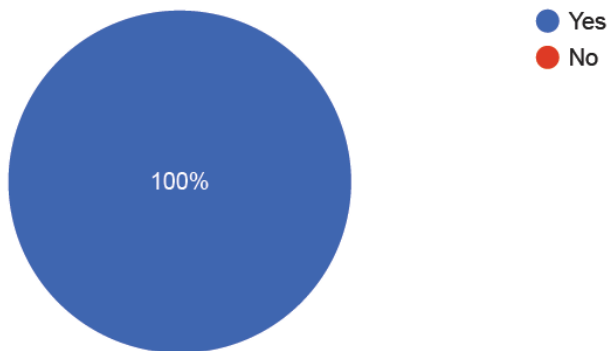
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Is the expert talk well structure & well organized?

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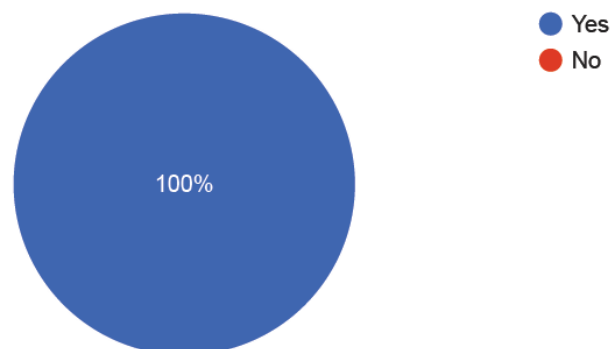
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Was adequate time provide for Q&A

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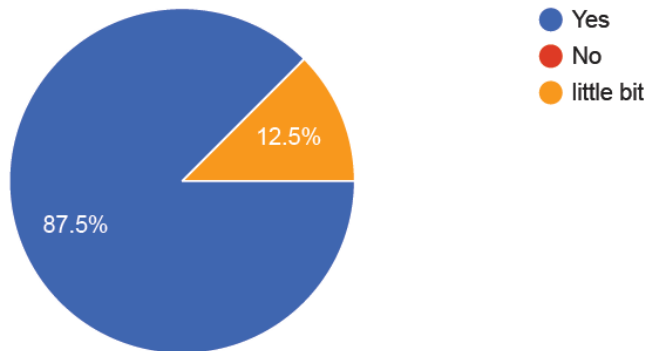
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Is the expert talk useful to improve your technical skill and knowledge?

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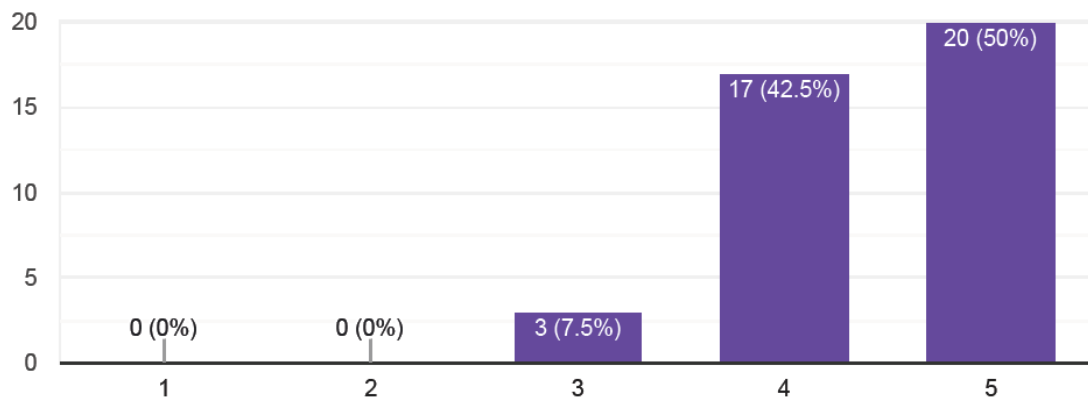
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Overall rating of expert talk

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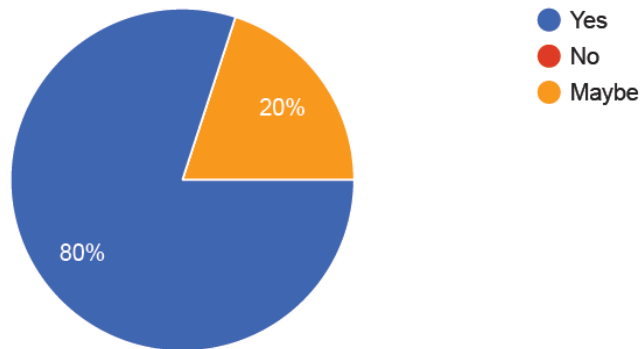
40 responses



Are you ready to attend such a talk in future?

 Copy

40 responses



Glimpses of the Event:







Compiled and Prepared By
Prof. Naman B. Bhatt