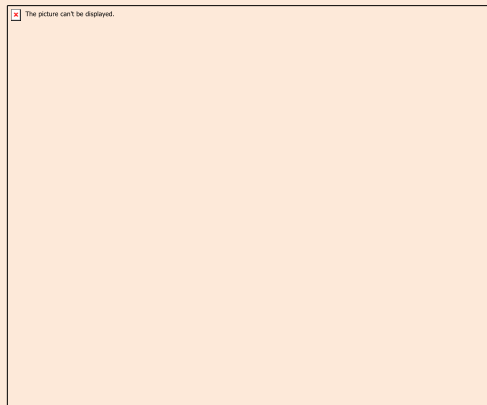




# **Report on expert session** **titled “Application of Controlled** **Switching in Power system”**



**Experts: Dr. Urmil Parikh**

**Principal Engineer Power System ,HV Products Technology  
Centre, Hitachi Energy Sweden AB, Ludvika, Sweden**

**Date : 10<sup>th</sup> January 2023**

**Time : 2:00 PM to 5:30 PM, Tuesday**

**Venue : Chanakya Hall, Wing-3, Electrical Engineering Department,  
L.D.C.E. Ahmedabad.**

**Patron : Prof. (Dr.) K.P. Badgujar, Principal, L.D.C.E.**

**Mentor : Prof. (Dr.) J.R. Iyer, H.O.D., E.E.D., L.D.C.E.**

**Coordinators : (i) Dr. K. A. Bhatt (ii) Prof. H.N. Raval, Assistant Professors, E.E.D. , L.D.C.E.**

**Student Coordinator : Abhay Gosai**

**Speakers' introduction:**

The expert Dr. Urmil parikh is presently working as Principal Engineer Power System and Global Program Manager Controlled Switching, He is alumni of our college. He conferred his B.E. (Electrical Engineering) from L.D.C.E. ahmedabad. Thereafter, he conferred his masters and Ph.D. from Indian Institute of Technology Roorkee, Uttarakhand and Kadi serva vidhyalay university, Gandhinagar, respectively. He has academic experience of 08 years and more than 14 years of industrial experience. He is in Swedish national committee for HV equipment, IEC standards committee for Circuit breakers intended for Controlled Switching and CIGRE study committee for controlled switching. He has published more than 10 international journals and conference research papers .

**Glimpse of the program:**

Program was started with Prathna and welcome address by HOD (Electrical) Prof. D.P.Maheshwari, Professor, E.E.D. Introduction of Dr. Urmil Parikh was given by Dr. K.A.Bhatt, Assistant Professor, EED, LDCE. Thereafter, the expert lecture was started.



Dr. Urmil Parikh has initially discussed the basics of controlled switching technique. He started from initial condition rules applying for R-L and R-C circuits. Thereafter, he explained how these concepts are applied in case of application of controlled switching for different power equipment used in current grid.



He has shown switching shots of real time events captured by costly equipment.



He discussed some real time issues which they are currently facing during implementation of controlled switching.



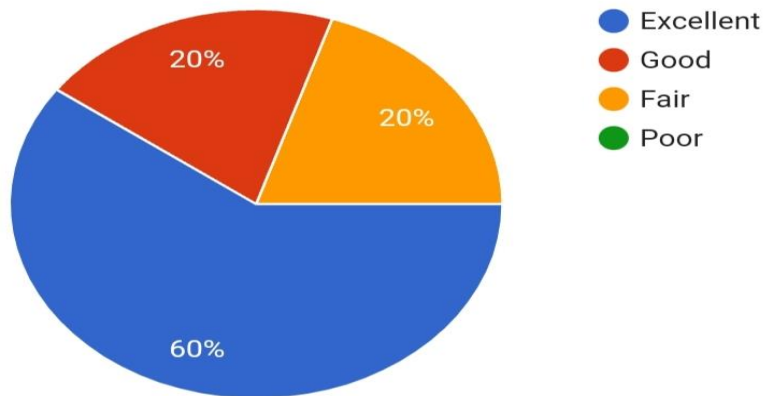
Vote of thanks given by Dr. K.A. Bhatt

## Feedback Analysis

1. How was the experience of yours concerning the session?

 Copy

5 responses



3. Do you want us to conduct this session again regarding this topic in order to gain more knowledge?

 Copy

5 responses

