Report on online expert session titled "Recent trends in industrial switchgear"

Experts: Hema N.Doctor(Retired Gen.Manager Hindustan Platinum Pvt.Ltd. Mumbai)

Date : 24th March 2023, Friday

Time : 3:30 PM to 5:30 PM

Venue : Online lecture on google meet.

Patron : Prof. (Dr.)R.K.Gajjar , Principal, L.D.C.E.

Mentor : Prof. (Dr.) K.P. Badgujar, 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:

In the field of electrical engineering, circuit breakers and cont-actors are the integrating parts of the industrial distribution system. In order to fulfill the requirement of automation and protection system, these switchgears are used. It is one of the basic domains in the field of electrical engineering.

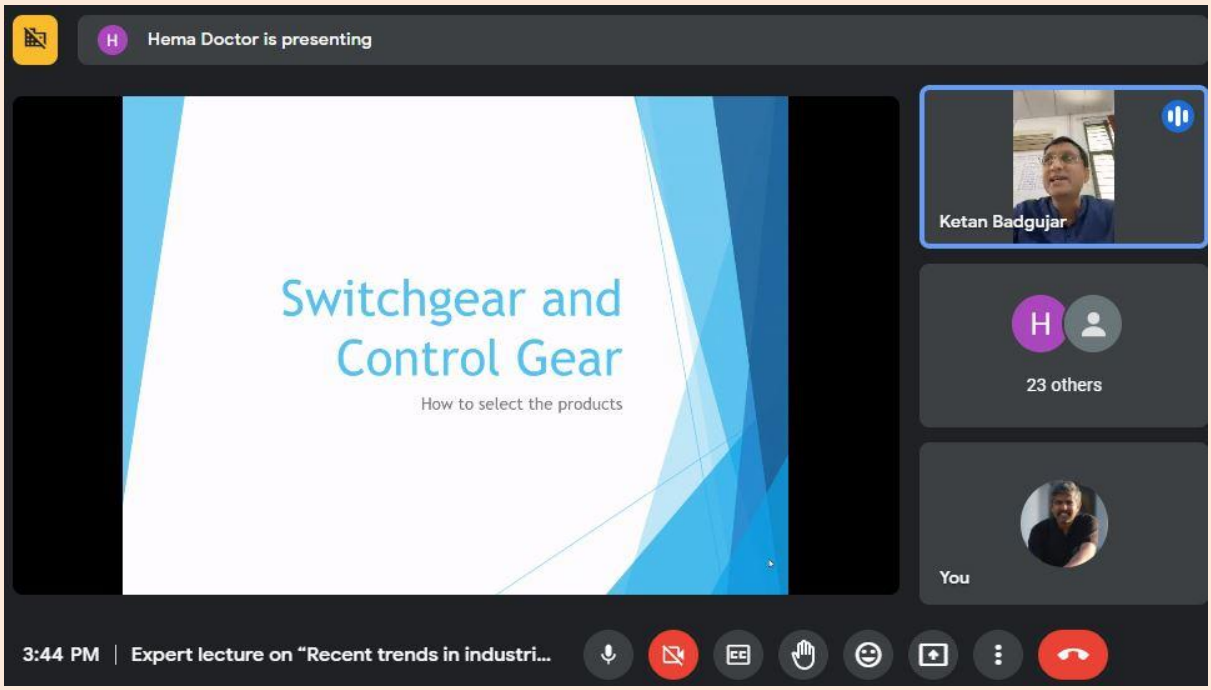
The expert Smt. Hemaben doctor is alumni of our institute and she is working in this domain for over 35 years. She has expertise in the domain of Manufacturing department of

switchgears and electrical contacts. Further, she has worked in the domain of testing different LT Switchgears like MCBs, MCCBs, Fuses, etc. She has also accomplished many achievements in the same domain. She will share her ideas about importance of core engineering brances in the industries.

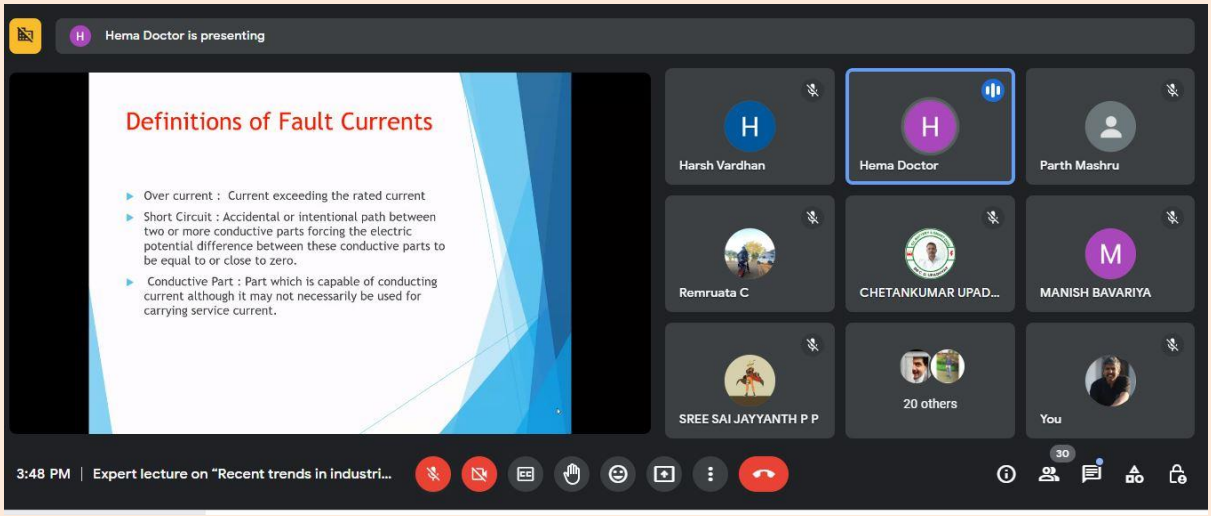
She has worked in several companies like Hindustan Platinum, Vinayak Transmission products, and Elcon Clipsal India. She has started her job as a “Trainee engineer” and finally retired as “General manager”. Therefore, IEI students chapter, EED has taken an iniciative to conduct an expert lecture to create awareness about the recent updates in the field of switchgear and its utilization. She will share her ideas about importance of core engineering brances in the industries.

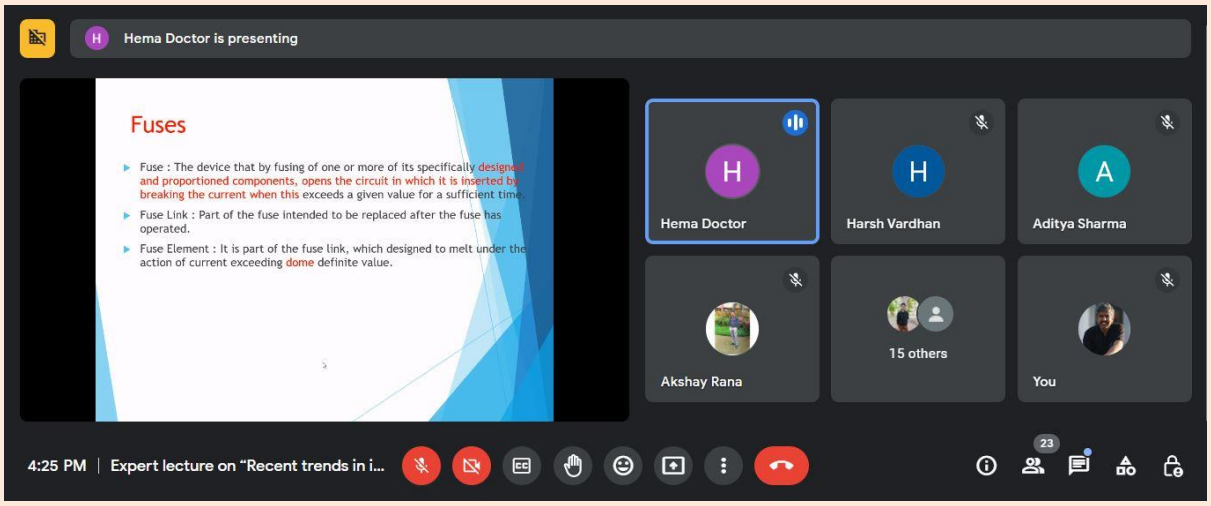
Glimpse of the program:

Initially expert Smt. Hema ben was welcomed by our head of department Prof. (Dr.) K.P.Badgujar.



Thereafter, expert has shared her presentation about switchgears and controlled gears used in industry. She discussed the concept of fuses, MCCB, ELCB etc. Further, she discussed the detailed specifications about MCCB, ELCB, and fuses. Moreover, she has throw lights about the factor affecting on the effective utilization of the switch-gears and this leads to improve the reliability of the system





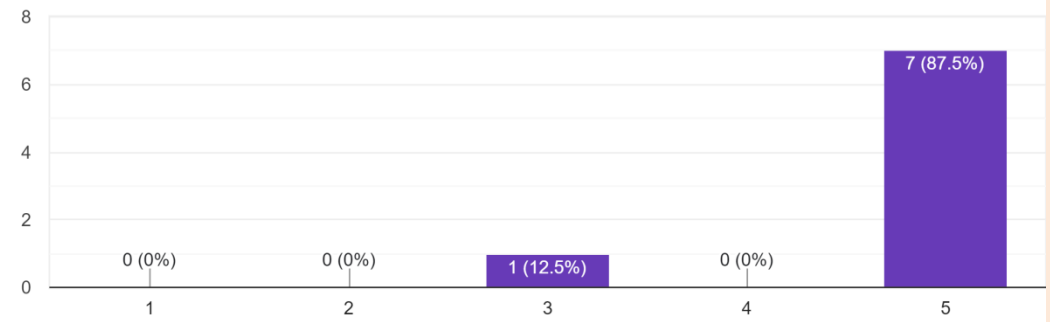
The expert elaborated constructional details, characteristics, and performance analysis of commonly used switch gears in the field of electrical engineering. Students have asked lots of questions about their doubts and expert has given satisfactory answers to them.

At last vote of thanks was given by Dr.K.A.Bhatt and Zalak Anjaria (student).

Feedback Analysis

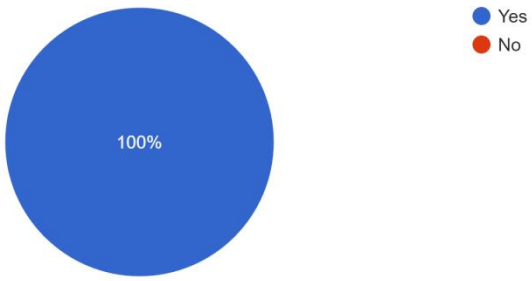
Feedback about this webinar

8 responses



Does the Duration of said training is ok?

8 responses



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8 responses