

Report for webinar

titled “Relay coordination in an Interconnected Power System Network” by Prof.

(Dr.) Bhavesh Bhalja, Professor, EED, I.I.T. Roorkee.

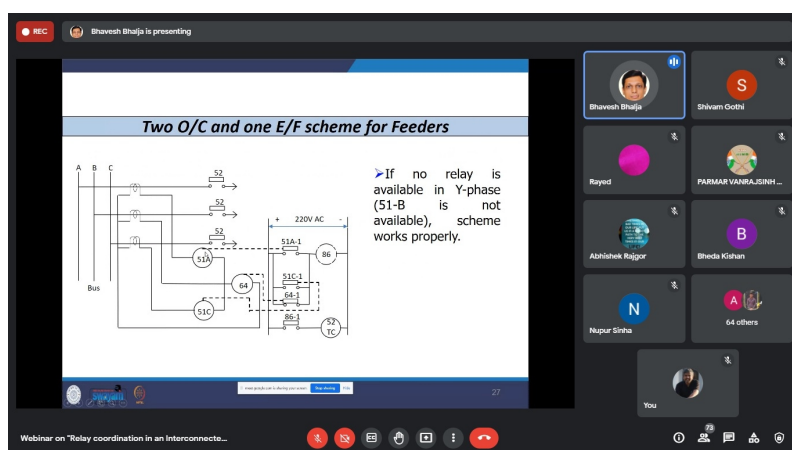
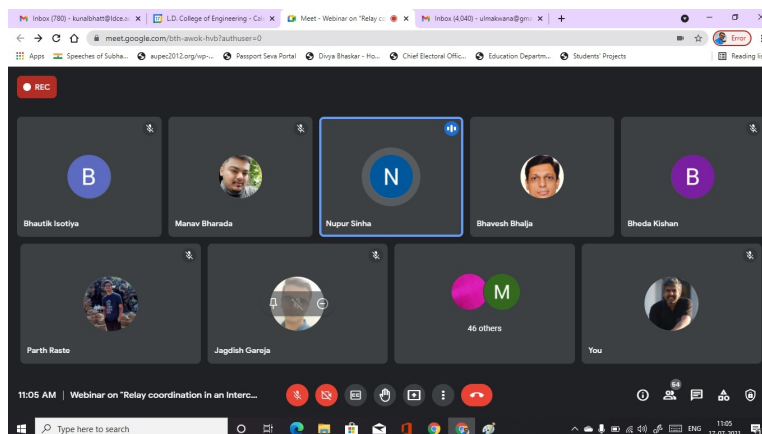


Electrical Engineering Department, L D College of Engineering, Ahmedabad organized an expert talk cum awareness seminar on “Relay coordination in an Interconnected Power System Network, Professor, Department of Electrical Engineering, I.I.T. Roorkee, Roorkee, Uttarakhand. The webinar was held on July 17th

2021 for the students of under graduate and post graduate studies and faculty members have participated actively in this webinar.

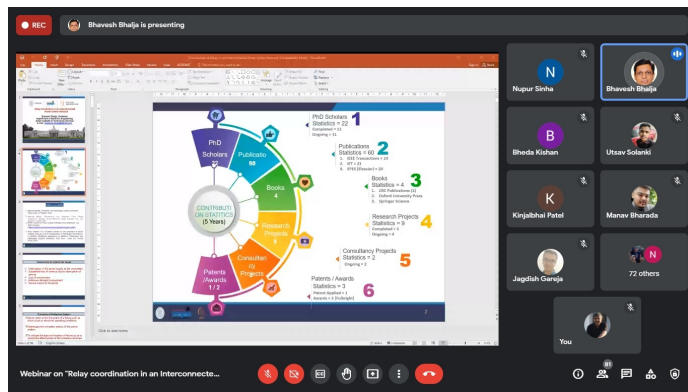
The expert, Prof. Bhavesh R. Bhalja has rich experience in the field of “Digital Protection and Switch-gear of Power System”. More than 10 candidates have completed their Ph.

D. and 13 are pursuing. He has supervised more than 28 M.E/M.Tech. Dissertations. Further, he has been conferred Fulbright-Nehru Academic and Professional Excellence Fellowships by Texas A & M University in 2018. He has published his research articles in different international (81 nos) & national (44 nos) journals. He has written four books. He is involved in more than 12 projects on different technical field including Ahmedabad-Mumbai Bullet Train and Kalka-Shimla Railway Project.



Recently, he has launched his MOOC course titled “ Switch-gear and Protection” on NPTEL.

The introduction of expert has been presented by Prof. NupurSinha madam,



Associate Prof. EED, LDCE.

During this grim situation, almost 70 nos of participants have attended this session.

Owing to inclusion of renewable energy sources and their time bounded availability, the complexity of the

transmission network has been increased. Subsequently, it is difficult to design relay co-ordination system for primary and secondary relays which provides economical and efficient solution. In order to understand the different aspects of relay co-ordination system in this scenario, The expert Prof. Bhavesh Bhalja have discussed Link-Net structure and its application to identify the primary and back-up relay (relay co-ordination system) to design the protection scheme. The expert has shared lots of information regarding recent trades in Power system protection. Which helps the student to understand the concept about recent trades in the field of power system protection.

At last question-answer session has been held. Many students had asked different questions about relay co-ordination of the power system network. Vote of thanks has been given by Prof. U.L. Makwana sir, Associate Professor, EED, LDCE.

The feedback about this seminar has been collected and the recording of said webinar has been uploaded on you-tube channel. The Youtube link of said webinar has been shown below

<https://www.youtube.com/watch?v=a6D03KAdQ4A>