

Report on Webinar on Electrical Switchgear and its Applications

In the midst of the lockdown with all the students stuck inside their houses, to save them from the clutches of boredom IEEE PES MSIT organized a webinar on Electrical Switchgear and its Applications on 10th July 2020. The respected speaker of the webinar was Mr. Shivanand D.V. He is an entrepreneur having experience of 37 years in the field of manufacturing, design, production, project execution of various electrical control panels like Viz., motor control centers-MCC, and power control centers-PCC, Synchronizing Panels, and Automatic Power Factor Correction Panel- APFCP.

The webinar started with a warm welcome to the speaker and the audience. Mr. Shivanand engaged all the audience by starting the talk with experiences from his past, his failures and mistakes and how those setbacks and experiences helped him to reach the stage where he is now. He also touched the topics which involved the importance of good health and proper nutrition.

He spoke about centralized collection of circuit breakers, fuses and switches that function to protect, control and isolate electrical equipment. The circuit protection devices are mounted in metal structures which are known as electrical switchgear.

The audience gained immense knowledge about the applications of the electrical switchgear system which included

- It houses protection devices against overload and short circuits
- Contains devices to distribute and control electric current
- Isolate electric circuits from the power supply
- connect and disconnect electric induction motors
- execute qualitative or quantitative measurements on the power supply

To keep the students involved and to provide an aid for their future, Mr. Shivanand gave the students various ideas about the large varieties of projects they can make on their own by using the knowledge he shared with them. The webinar ended with the students being satisfied with the knowledge they gained in the technical field and also the important life lessons.