



Dr. Ambedkar Institute of Technology
(An Autonomous Institute, Affiliated to VTU, Mallathalli, Bengaluru-56)
Department of Electricals and Electronics Engineering

Date: 13-03-2026

Report of Technical talk on “Hotline Activities in Transmission Utility”

Department of Electricals and Electronics Engineering had organized a technical talk on **“Hotline Activities in Transmission Utility”** by **Mr. Noor Ahmed Shariff,, Executive Engineer (Electrical), KPTCL,** on 07-03-2026 from 11:00 am to 01:00pm. at C-302. The highlights of the talk were as follows:

The primary objective of the event was to expose the students to the Transmission system, its importance, maintenance and the instrumentations involved in the system. To provide them with an idea about the growing demand, the increasing share of distributed renewable energy resources and the need for higher reliability, efficiency. The session aimed to build and enhance the technical outcomes such as:

- Understanding foundational concepts
- Technical literacy in components
- Modelling and trouble shooting
- Integration of renewable energy
- Analysis of practical challenges
- Diagnose the various faults in transmission system
- Handle the faults with uninterrupted power supply

The speaker was very well versed in this field and contributed a lot to the research. He explained about the importance and how useful the smart grid technology is, how, Hotline Activities in Transmission System is implemented and conducted, the technology used in it. It was a very detailed explanation with video clippings about the Instrumentations used and people working on Live High Tension cables within the given span of time.

The students were greatly benefited from this technical talk. It not only provided them with essential knowledge but also encouraged them to explore emerging technologies and Instrumentation. The enthusiasm and active participation of the attendees reflected the growing interest in this technology.

Session was well received and appreciated by all participants. The No. Of participants attended, the technical talk was students.

