



4 Courses

Electrical Power Generation  
- An Industrial Outlook

Basics of Electrical  
Protection System

Advanced Study of  
Protection Schemes and  
Switchgear

Design of Transmission Line:  
Modelling and Performance

**L&T**  
**EduTech**

Jun 14, 2024

**ahmet sezgin**

has successfully completed the online, non-credit Specialization

# Power System: Generation, Transmission and Protection

This Specialization takes the learners through Power Generation specially from a Thermal Power Plant to the various protection schemes and the switchgear finally covering the power transmission line engineering. Its divided into 4 courses, starting to teach the basics of power generation, the equipment related to it and the control system philosophy. Then we cover the basic protection schemes for overcurrent, differential relay and motor. The part-B of the protection system extends to advanced protection schemes used for generator, transformer and bus bar protection. Last course deals with the transmission line engineering covering its parameters, modelling and design. This specialization aims our learners to have a holistic view on the power generation, protection till transmission.

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Subject Matter Experts,  
L&T EduTech

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