

Electrical Power System Protection and Relay Coordination Masterclass

Gain Valuable Insights of Power System Design, Protective Device Applications and Relay Schemes for Safe and Efficient Operation of Electrical Power Systems and Equipment

16th & 17th August 2020

Dubai. UAE

Major Benefits of Attending

By end of the course, delegates will be able to:-

- **REVIEW** electrical distribution system
- **IDENTIFY** importance of settings and coordination curves
- **DEVELOP** unit security and functions
- **PLAN** protection of machinery
- **MASTER** electromechanical relay operating principles
- **UNDERSTAND** relays and auxiliary power apparatus
- **REVIEW** fuse operating characteristics, ratings and selection
- **SOLVE** verification of Available short circuit currents
- **DESIGN** considerations of MV and LV networks

Why you Should Attend?

Power Systems can be prone to deficiencies mainly due to lack of proper insulation or other peripheral causes. When a fault in a power system occurs, the normal features of the system could become unstable. With more complicated systems, it is crucial to identify the point of fault accurately and trip only those segments affected by the error while the rest of the structure can continue to run naturally.

Therefore, it is essential to prevent, detect and/or fix electrical faults as efficiently as possible. This course covers the relevance and testing mechanisms of electrical power system protection, including real-world exercises and demonstrations merged with the technical concepts behind it.

What content do the Electrical Power System Protection and Relay Coordination Course feature? At a glance, the following areas will be covered in this course:

- Protection in Power Systems
- System Earthling and Earth Faults
- Short Circuit Analysis
- Circuit Breakers with Built-In Protection

Who Should Attend?

This course has been specifically designed for:-

- Electrical Engineer
- Power System Engineer
- Control Engineer
- Process Control Engineer
- Automation Engineer
- Technicians
- Supervisors

Also those who are involved in creating protection schemes to develop system dependability and Electrical Engineers, Supervisors or Technicians responsible for the use or maintenance of electrical protective gear.

Organized by:



For more details, contact hello@fdb.sg