Course Overview:

This advanced course is devoted to developing qualifications of advanced Fault Diagnosis in Power Systemand to be capable to properly detecting, analysis and removing fault in power engraftation plants and transmission stations.

Course Objective:

- Understanding components ofFault Diagnosis in Power Systemand discussion of all elements.
- Identification of the most important faults which common happening in electrical network.
- Studying and analysis and detecting fault causes and how to deal with it

Course Outline:

- Electrical Network
- Power System
- Calculation Preliminaries
- Power Generation Plants And Fault Analysis
- Substation Main Faults
- Blackouts
- Prevent and Mitigate Cascading Blackouts
- Overhead Lines & Underground Cables
- Faults Prediction
- Fault Diagnosis
- Improving Electrical Network Efficiency & Performance

Who Should Attend:

This course is intended for , Engineers, advanced Technicans, advanced electric technicians from transmission lines department. Preferably, those technicians who have knowledge in overhead transmission & ground lines.

Training Language:

English

Training Methodology:

- Presentation & Slides
- Audio Visual Aids
- Interactive Discussion
- Participatory Exercise
- Action Learning
- Class Activities
- Case Studies
- Workshops
- Simulation