
COURSE DESCRIPTION**INTCV564****Generator Circuit Breaker (GCB) and Generator Transformer****The goal**

The goal of the course is to improve the ability of Personnel from, Power Generation, all industries and Consultants responsible for engineering, commissioning, operation and Maintenance of Generator circuit breaker and Generator Transformer for all kind of power plant applications if any size.

Learning objectives

Upon completion of this course, participants will be able to:

- Understand the importance of GCB and Generator Transformer its application.
- Different Power Plant layout with GCB
- Understand the critical elements designing of GCB and Generator Transformer (GT)
- Operation and maintenance aspects

Participant profile

Personnel from power generation o thermal, hydro, pump storage or reversible pump storage plant, geothermal etc, all industry having their own CPP, all consultants engaged in power plant design.

Prerequisites

Degree or diploma in engineering, basic knowledge of power system

Topics

- Need of GCB and GT
- GCB and GT applications and its advantages.
- How faults behave with your power equipment
- Case Studies.
- Comparison of Power Plant with and without GCB.
- Basic Concepts of GCB & GT Selection criteria

- Short circuit current of generator and source side, out of phase breaking current
- Standards of GCB & GT
- Installation, Operation, Maintenances of GCB & GT

Course type

This is an instructor led seminar. The language Of the course is English.

Laptop or tablet is required to have access to the e-documentation. Please bring your own device.

Duration

The duration of the course is Two days.

Safety

Participants must wear safety toe shoes or boots while entering the labs.

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The latest version of the course portfolio, and course schedule can be found on our

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