

## COURSE DESCRIPTION

# INTCV571

## Digitalization of Power Grids



### The goal

The goal of the course is to improve the understanding of Digitalization concept of Personnel from Power Utilities, Power Generation, transmission companies & industries and Consultants responsible for engineering, commissioning, operation and Maintenance..

### Learning objectives

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

- Understand the Digitalization concepts with respect to power grids/system
- Appreciate the benefits derived from such solutions.
- Understand the critical elements and components of Digitalization.

### Participant profile

The Personnel from power utilities, power generation, transmission companies and industries and consultants responsible for engineering, commissioning, operation and maintenance of substations

### Prerequisites

Degree or diploma in engineering, basic knowledge of power system

### Topics

A conceptual introduction to the following topics will be covered

- Introduction to Digitalization
- Digital SS
- Asset Management
- Distribution Automation
- EMS system for LDC operations
- Microgrids & Renewable Integration
- Centralized Disturbance Record (DR) Management
- Communication
- Cyber Security

**Course type**

This is an instructor led seminar and guided tour to factory and Microgrid. 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 one day.

**Safety**

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

**To Register:**

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Search: please enter course number INTCV571 into the search field. (Please check the language filter EN)

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

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