# SIEMENS

## Application Based Crane Training (AP-CRANE)

### Short Description

Application Based Crane Training

### Objectives

Making participants familiar with Crane System. Product used, Configuration, Commissioning & Maintenance of crane.

### Target Group

Users, Commissioning / Service /Maintenance Engineers of Instrumentation / Electrical / Electronic Engineering.

### Content

Crane Basics Crane types & components overview Crane specifications, Standard system configurations Schematic drawing Switchgear part Product pallet for Crane applications & product features Operational interlocks & Stop categories for Hoist, Cross travel & Long travel Operation philosophy, Control logic, flowchart (On command & speed reference) Brake control Pre-commissioning guidelines Commissioning procedure Checking & setting important parameters Load test, trace recording
Add-on features/technology for crane control Overview on Sway control, Positioning, Straight run controller, Wireless, CMS,YMS, RCOS Fault diagnosis through touch panel / CMS station Common faults/problems in crane application Troubleshooting & maintenance guidelines

### Prerequisites

Basic Knowledge of Electrical system.

### Type

Face-to-face training

### Duration

5 days

### Language

en

### Fee

35,000 INR