

SINAMICS V90 (DR-V90)

Objectives

This course is designed for Engineers and maintenance technicians who are not exposed to digitally controlled AC drive technology and further needs to work with Siemens make AC Drive SINAMICS V90.

Target Group

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

Content

VFD working principle and getting familiar with the drive
Block diagram of AC Drive
Specifications, range, features and hardware details of SINAMICS V90
Block diagram of the product, terminal details
Understanding of Operator panel functions, key operation
Status LEDs on the drive
Parameter structure and quick commissioning procedure
Different control modes - speed control, Torque control, Position control
Basics of Positioning
Commissioning and monitoring the drive using software Sinamics V Assistant
Controlling the drive with different control modes
Internal Speed control, Internal position control (IPos)
Pulse train input (PTI) -Using S7 1200 PLC
Different positioning tasks, Using Motion control library in S7 1200 PLC
Electronic gear ratio, Real time tuning
Application examples, Fault diagnostics
Hands-on practice

Prerequisites

Engineers in Electrical / Electronics Engineering

Type

Face-to-face training

Duration

3 days

Language

en

Fee

16,500 INR