SIEMENS

SINAMICS V20 (DR-V20)

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 V20.

Target Group

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

Content

- Basics of AC Motor, speed variation of AC motors, reversal & braking
- VFD working principle, PWM technique and power switching devices
- Block diagram of AC Drive
- Specifications, range, features and hardware details of SINAMICS V20
- Getting familiar with the drive
- 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
- Working with Connection & Application Macros
- Details of various advanced Functions
- Using optional accessories - Parameter loader, External BOP interface, MMC card
- Concept of CDS, DDS
- Details on Free Function Blocks
- Firmware upgradation
- Communication capabilities with PLC (S7 1200) on Modbus & USS
- 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

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