

DCS: SIMATIC PCS 7 Basic (AS-PCS7B)

Objectives

Making participants familiar with SIMATIC PCS 7 System.

Target Group

Engineers in Instrumentation / Electrical / Electronics / Engineering.

Content

Introduction to standard architecture of PCS 7 like ES, AS, OS-Server & OS-Clients
Introduction to AS Hardware like PS, CPU & CPs
Communication of remote stations with AS.
Working with SIMATIC Manager in PCS7 fashioned way.
Creating the Multiproject and Configuring Hardware (AS & OS)
Working with different views like Component View & Plant View.
Working with CFC Charts and develop logic using CFC charts
Optimization of the charts.
Working with SFC Charts and develop sequences using SFC charts
Various control modes available with SFC charts
Compiling, downloading & testing CFC & SFC charts
Compiling Operator Station. Creating process pictures in Graphics editor
User interface in Process Control mode.
Working with standard faceplates, Messages and Trends.
Mass Data engineering tools like Process Object View, Process Tag Type & Models using Import Export assistant
Introduction to Time synchronization, Life beat monitoring
Picture tree manager & user administration.
Introduction to OS Project Editor & Licensing Concept in PCS 7.
Introduction of Server-Client architecture.

Prerequisites

Engineers working in DCS controlled plant having knowledge in the area of process automation.
Basic Know how about STEP 7 & WinCC Explorer software.

Type

Face-to-face training

Duration

10 days

Language

en

Fee

70,000 INR