

## SIMATIC S7-1500 with TIA V17 Advance (AS-1500A)

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### Objectives

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Making participants familiar/work with SIMATIC S7-1500 with STEP 7 V14, various communication with S7-1500 like Modbus TCP/IP, G120 drive Integration.

### Target Group

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Engineers in Instrumentation / Electrical / Electronics / Engineering

### Content

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1. System Overview S71500, ET200SP controller, Compact CPU's, PLC Tags, Programming Blocks; Multi Instance and Parameter Instance programming methods
2. Programming of RTC, Jump instructions and using indirect addressing
3. Introduction to HMI & Introduction of 2nd generation HMI
4. Configure HMI Alarms, Trends, Receipe
5. Troubleshooting & Trace Functionality
6. Web server with user defined WebPages
7. Intelligent device configuration
8. CPU-CPU Communication on TCP/IP
9. Modbus TCP Communication, Modbus RTU
10. G120 communication with S7-1500 using Motion Control
11. TIA selection tool

### Prerequisites

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Basic Knowledge of Automation technology/relay logic.  
S7-1500 Basic should be attended.

### Type

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Face-to-face training

### Duration

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5 days

### Language

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en

### Fee

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50,600 INR  
+18% GST