

# CERTIFIED IN PLC & SCADA

Contact: 9640648777

Duration: 45 days



## CERTIFIED IN PLC & SCADA

### Programmable Logic Controller (PLC):

Company: **AB (Allen Bradley)**    Model: **Micro Logix**    Series: **1000**  
Language: **LAD/LD (Ladder)**    Software: **RSLinx 500**

- Introduction to plc software
- Data Files and Program files
- Block diagram and Addressing
- Hardware configuration and Software
- Basics ladder programming
- Timers and Counters
- File Handling
- Advanced Instruction
- Master control/latch/unlatch
- Monitoring programs
- Forcing

Company: **SIEMENS**    Model: **200**    Series: **222**    Language: **LAD/LD (Ladder)**  
Software: **Micro win**

- Introduction to plc software
- Addressing
- Hardware configuration and Software
- Basics ladder programming
- Timers and Counters
- Bit logics
- Floating Instruction
- Master control/latch/unlatch
- Monitoring programs
- Forcing

### Variable Frequency Drive

DC Drive

AC Drive

Company: **ABB**  
Company: **Schneider**

Model: **ACS150-1E-02A42**  
Model: **ATV12H075M2**

- Introduction to PID Controller by using Furnace
- Resume Writing and Interview Questions

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## SCADA

Company : **Wonder ware**

Version : **9.5**

- Introduction to SCADA
- Applications of SCADA and different Company names
- Difference between SCADA and HMI
- Packages and I/O s
- Advantages and Features of SCADA
- Creating and editing Graphical display with animation
- Creating trends
- Creating alarms
- Recipe management
- Scripts
- Communication with PLC
- Communication with Data base like Excel

## Variable Frequency Drive

**DC Drive**

**AC Drive**

Company: **ABB**

Model: **ACS150-1E-02A42**

Company: **Schneider**

Model: **ATV12H075M2**

## • Introduction to DCS

Company: **ABB**

Software: **Freelance 800F**

Language: **FBD**

- Introduction to DCS
- Difference between PLC and DCS
- Application of DCS
- Architecture of DCS
- Hardware Configuration
- FBD language programming
- **Resume Writing**
- **Interview Questions**
- **Extensive Lab**
- **Industrial Exposure**