

# PLC SCADA PROGRAMMING



## CURRICULUM

### » PLC, SCADA Programming

- Digital Electronics Basics
- PLC Fundamentals, PLC Hardware & Architecture
- Wiring Different field Devices to PLC
- Creating applications with Programming Software
- Programming Languages, Basic Instructions
- Load/and/or/out/and Read/Write instructions
- Compare/Add/Sub/And/or – blocks instructions
- Move, File Handling, Timer, Counter block
- Master control/set/reset function
- Advance Instructions
- Upload/Download/Monitoring of programs
- Forcing of I/Os, Fault finding/troubleshooting & documentation
- Monitoring/Modifying Data table values
- Communication with SCADA software
- Hands on experience on real time applications

### » Supervisory Control & Data Acquisition

- Introduction to SCADA software
- Creating New SCADA Project
- Creating database of Tags
- Creating & Editing Graphic display
- Attaching controls to graphic objects sizing, Blinking, Filling
- Analog Entry, Movement of objects, Visibility
- Real time & Historical Trending
- Creating Alarms & Events
- Application of scripts
- Communication with PLC/excel/different protocols
- Net DDE Communication
- Fault finding/Troubleshooting

Partners :



Java



development | consultancy | training

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#### GURGAON

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Near Honda Showroom,  
Sec.-14, Gurgaon (Haryana)  
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#### GHAZIABAD

1, Anand Industrial Estate,  
Near ITS College, Mohan Nagar,  
Ghaziabad (U.P.)  
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#### PITAMPURA (DELHI)

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Kohat Enclave, Pitampura,  
( Near- Kohat Metro Station)  
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