

Course Code : IA 10R
Course Name : Vocational Training on Rockwell PLC & SCADA or PLC & AC Drives
Course Duration : 60 Hrs (20 modules, each module is of 3 Hrs)
Maximum Duration : 1 Month

PLC

- Introduction on Industrial Automation and various components
- Automation PLC Hardware fundamentals
- PLC programming based on Rockwell make hardware and software (RS Logix 500)
- Ladder Logic Concepts
- Introduction to real world control components like contactors, relays, timers, solenoid valves etc used in industrial process
- Conventional electrical wiring through various applications
- Use of PLC programming software through various applications

SCADA

- Introduction to SCADA programming
- Screen generation in Rockwell SCADA (RS View)
- Creating projects on SCADA Graphic displays, Alarm Generation, Trending etc.
- Communication between PLC & SCADA

AC Drives

- Introduction to AC Drives
- General philosophy and various types of AC Drives
- AC motor speed control, Speed torque characteristics
- Characteristics of AC Motors & mechanical loads/ driven equipments
- Local parameter control of AC Drives
- Remote parameter control of AC Drives communicating with PLC

Certification:

On completion of training, all candidates shall be evaluated by the authorities of International Institute for Advanced Training on Control and Automation and successful candidates shall only be issued certificates by them.

Institute operating Time: 10:00 am - 08:00 pm (Monday to Saturday)
 10:00 am – 04:00 pm (Sunday)

Course Fees & Enrollment: Please Contact us through

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Student may opt for either **PLC & SCADA** or **PLC & AC Drives**.