



## **Course # 715 – PLC Project Design Engineering and Project Management**

### **Course Description**

This course offers in-depth knowledge on PLC based automation project design engineering and project management. This gives complete perspective of automation projects including project planning, design, engineering, procurement, execution, installation & commissioning concepts. It grooms the student to work in the project environment by covering both theory and hands on practice.

### **Who Should Attend?**

This course is designed for engineers aspiring to work in the field of automation

### **Are There Any Prerequisites?**

Participant should have completed all Courses # 711, 712, 713, 714 before attending this course.

### **What Tasks Will Be Taught in This Class?**

Upon completion of this course, the student will be able to:

- Understand the concepts of URS, FDS, HDS, SDS
- Understand the instrumentation symbols, P & I D
- Study project documentation
- Get introduced to international standards
- Know consultant requirements and international practices
- Get exposed to project steps viz. project planning, design, engineering, material and resources management, execution, FAT, installation & commissioning, SAT
- Work on actual automation project