PLC Advanced Programming

Pre-request: Have good knowledge with PLC Basic

Course duration: 44 Hours

On completing this course you will be able to:

- Able to build complete station of PLC S7-300

- Able to work on the software of Siemens specially s7-300

- Understand the operation of analogue signal with PLC

- Able to deal with function in PLC

- Able to solve any application with PLC

- Repair any fault in PLC

- Have all of professional skills of PLC programming

Course Content:

1) S7 300 software.

2) S7 300 hardware.

3) Simatic software

4) WIN-SPS software

5) ITS software

6) How to install station from s7 300.

7) Statement list programing language.

8) Function blocks programing language.

9) Sequential diagram programming language.

10) Functions in PLC

11) Data block

12) Function block

13) Troubleshooting in PLC

14) Math operation

15) Memory in PLC

16) Numbering system

17) Timers in s7-300

18) Counters in s7-300

19) Comparators

20) Analogue input in PLC

21) Analogue out in PLC

22) Analog sensors (types & connection)

23) Types of communication protocols in PLC.

24) Differential equation wit PLC.

25) PLC Network.

26) Application day 1

27) Application day 2

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28) Application day 3

29) More than of 30 Application in PLC programing from factories

30) Introduction to SCADA system.