



NEVON SOLUTIONS

PLC TRAINER WORKSHOP CONTENTS

Session I: Presentation on Recent Trends in Industrial Automation & PLC – 2 Hrs

Introduction To Automation
Why We Need Automation
Evolution In Industrial Automation (A Brief History)
Different Type Of Industrial Control Mechanisms
Introduction To PLCs
PLC Advantages Over Microcontrollers
Area Of Applications
DATA Flow During Automation
Motor Drives Introduction & Their Need
Sensors Introduction & Their Need

Session II: Detail study of PLC – 2 Hrs

PLC Details

Session III: PLC I/Os Basics, Burning & Interfacing Concepts – 5 - 7 Hrs

Allen Bradley & Rockwell Automation's Details
Brief Description To Input/ Output Pins Of Micro 810 or 830
Introduction To CCW
Downloading A Ladder Program In PLC Using CCW
How To Take Input From Panel
How To Give Output To Panel
Running First PLC Application.

Session IV: Hands on PLC Training Kit – 6 - 10 Hrs

Participants will perform hands on PLC training on Kit developing various applications.
Doubt Solving & Conclusion.

By the end of this workshop the students will become aware about the basic Knowledge of Industrial Automation, PLCs and their relevant module.

Eligibility Criteria: This workshop is best suited for those who are interested in knowing about the fundamentals of Industrial Automation. All Electrical, Electronics, Electronics & Instrumentation, Chemical, and Instrumentation & Control Engineering Student can join this workshop.

CONTACT: +91 9136664227