

Course Title: PLC Omron (Analog and Real Time Application)

Course Code: EEA 175

Course Background / Summary:

This module offers two applications in PLC OMRON. Participants will be exposed to the Analog module for two types of structures: modular and compact structures. Each structure has a different method of analog connectivity. Participants will also learn the Real-time application in PLC OMRON, using the right method and addresses.

Course Objectives:

- Apply analog devices especially sensors and able to program projects based on real-time

Target Audience:

- Industrial workers from technicians to engineers
- Teaching staff (vocational & technical teachers) and lecturers

Course Duration: 3 Days

Course Contents

1.0 Data Allocation and Structure

2.0 PLC Structures: Modular and Compact Structures

3.0 PLC Modular and Compact Hardware

4.0 PLC Pre-Programming (TIMER, COUNTER, COMPARATOR)

5.0 PLC Focused Functions (MOV, MOVD, FLT, etc.)

6.0 PLC Analog Hardware Connection and Programming

7.0 PLC Real Time Programming