



**Training Program: PLC Training for Industrial Automation**

**Registration Information**

<b>Deadline</b>	:	<b>Nov 16, 2022</b>
<b>Eligible Candidates</b>	:	Students with H.S.C. (Trade course), Diploma (Engg.) degree, B.Sc. Engg. Degree and Professionals.
<b>Fee:</b>	:	BDT 4,000 (For CUET Students) BDT 7,000 (For Professionals and Others)
<b>Duration of Course</b>	:	4 Weeks
<b>No. of Students (in each batch)</b>	:	30

Interested participants are requested to submit the online registration form (available at: <https://www.cuet.ac.bd/institute/iet/downloads>) via email to director [iet@cueta.ac.bd](mailto:iet@cueta.ac.bd) or to the IET office.

**Class Starts: Nov 18, 2022**

**\* All registered participants will be given certificates.**

<b>Day-1</b>	9:30	Registration Desk Open*
	10:00 – 10:30	Inauguration Ceremony
	<b>Refreshment</b>	
	11:00 – 1:00	Introduction to Industrial Automation
<b>Day-2</b>	10:30 – 12:00	Automation basic concept (Switch, Relay, Circuit Breaker, Magnetic Contactor etc.)
	12 – 1:30	Practical
<b>Day-3</b>	10:30 – 12:00	Sensors (Proximity, Photoelectric, Fiber-optic, Temperature, Pressure, Humidity, Positioning etc.)
	12:00 – 1:30	Practical
<b>Day-4</b>	10:30 – 12:00	Relay Basics and Operation
	12:00 – 1:30	Practical
<b>Day-5</b>	10:30 – 12:00	Introduction to PLC, Architecture of PLC, PLC Interfacing, Fundamental of PLC Programming
	12:00 – 1:30	Practical
<b>Day-6</b>	10:30 – 12:00	Wiring Diagram, Basic ladder diagram, Functional block diagram, Structural Text diagram
	12:00 – 1:30	Practical
<b>Day-7</b>	10:30 – 12:00	PLC Programming, Timer, Counter, etc.
	12:00 – 1:30	Practical
<b>Day-8</b>	10:30 – 12:00	Digital I/o, Analog I/o, Communication: MODBUS, Built-in
	12:00 – 1:30	Practical
<b>Day-9</b>	10:30 – 12:00	Various Motor and their Control
	12:00 – 1:30	Practical
<b>Day-10</b>	10:30 – 12:00	Interactive Projects
	12:00 – 1:30	Practical
<b>Day-11</b>	10:30 – 12:00	Assessment
	12:00 – 1:30	Closing Ceremony and Certificate Giving.
<b>Day-12</b>	1:00-4:00	Industrial tour.