

Course Schedules

Last Date of Registration: June 27*, 2019

Class starts from: July 1*, 2019

**ADVANCED Course on Industrial Automation and PLC: BDT 6000 (for CUET Students)
BDT 10000 (For Professionals)**

**Training Course on PLC BDT 4000 (For CUET Students)
BDT 7000 (For Professionals)**

Day	Topics	Teacher	Time **				
1	Refreshment and Inaugural Ceremony	Dr. S.A Nahian / Ms. Sadia Tasnim	CUET: 3:00 PM				
1	→ PLC Basics → Basic Circuits and Relays	Dr. S.A Nahian / Ms. Sadia Tasnim	(IEB: 7PM)	Theories	Training Course on PLC	ADVANCED Course on Industrial Automation and PLC	
2	→ Ladder Diagram and Logic Development → Digital Input and Output of PLC	Ms. Sadia Tasnim	(IEB: 7PM)				
3	→ Timer and Counter	Ms. Sadia Tasnim	(IEB: 7PM)				
4	→ Different types of Industrial Sensor and Actuators (<u>Sadia Tasnim</u>) → Introduction of 3phase Motor, VFD	Ms. Sadia Tasnim	(IEB: 7PM)				
5	→ Digital Input and Output of PLC → PLC Timer and Counter → Interactive Projects	Dr. S.A Nahian	(CUET: 3:30PM)	Practical			
6	Written EXAM (@ IEB: 7:00PM → END of Basic Course)						
	→ Introduction of HMI and PLC analog operations	Ms. Sadia Tasnim	(IEB: 7:30PM)	Theories			
7	→ Communication Protocols → HMI design → HMI-PLC Communications	Dr. S.A Nahian	(IEB: 7PM)				
8	→ Illustrative examples of analog inputs, outputs and HMI communication → 3 Phase Motor drive	Dr. S.A Nahian	(CUET: 3:30PM) (CUET: 3:00PM)	Practical			
9	→ PLC-VFD MODBUS interaction for 3 phase motor control → Student's self-practice	Dr. S.A Nahian	(CUET: 3:00PM)				
10	Group project for Advance course (CUET: 3:00PM)						
11	Industrial Tour for both Basic and Advanced Course(depends on Industrial Schedule)						
	Award Certificates			(CUET: 3:00PM)			

*** Registration or Inauguration dates can be varied with IET official decision.**

**** Date and time can be re-scheduled by consulting with students**