



**Bharath**  
**INSTITUTE OF HIGHER EDUCATION AND RESEARCH**  
(Declared as Deemed - to - be - University under section 3 of UGC Act 1956)



**BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY**  
No.173, Agharam Road, Selaiyur, Chennai , T.N - 600 073.

### Requisition Letter

From  
Dr. T.R. Rangaswamy,  
Professor & Head,  
Department of EEE,  
Bharath Institute of Higher Education and Research,  
Chennai

Date: 6.10.18

To  
The Dean Engineering,  
Bharath Institute of Higher Education and Research,  
Chennai

Respected sir

Subject : Request of Permission to conduct a value added course on “Automation using PLC and SCADA ” -Reg

With reference to above subject, I would like to bring to your kind notice that, our department interested to organize value added course on “Automation using PLC and SCADA” in our campus premises on **1.11.18**.

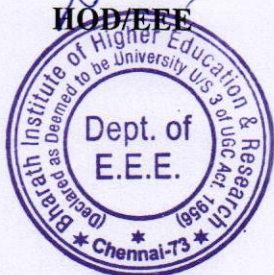
**Mr. R. Karthik, Design Engineer, Iacharya Silicon Limited, Chennai** would deliver lecture for the above mentioned course. 35 students would be participating in this course. We request you kindly to give permission to organize this event.

Venue: **EEE seminar Hall**

Timing : **9 am to 4 pm**

Submitted to Principal for approval to organize this value added course.

  
HOD/EEE



  
DEAN ENGINEERING



# Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Declared as Deemed - to - be - University under section 3 of UGC Act 1956)



**BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY**

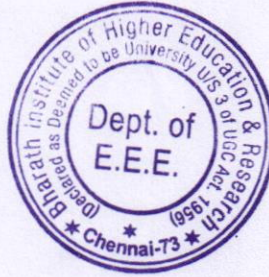
No.173, Agharam Road, Selaiyur, Chennai , T.N - 600 073.

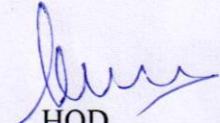
## CIRCULAR

### SCHOOL OF ELECTRICAL ENGINEERING

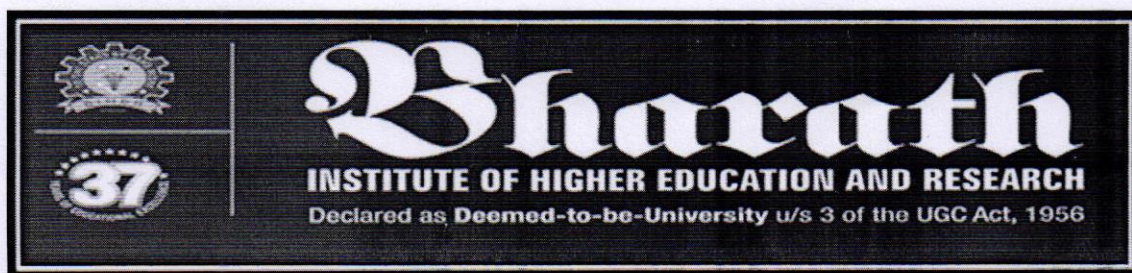
Date: 8.10.18

A value added course on “Automation using PLC and SCADA” is planned by the School of Electrical Engineering on **1/11/2018**. In this regard, students are instructed to give their willingness and confirm their participation to their respective class in charge before 26.10.2018. Course commences on 1.11.2018 and it would be conducted for five days (**1/11/2018 to 5/11/2018**) from 9.00 AM to 4.00 P.M.



  
HOD

Copy to  
Department of ECE  
Notice Board/ Department of EEE



## SCHOOL OF ELECTRICAL ENGINEERING

### AUTOMATION USING PLC AND SCADA

#### SCHEDULE

**Contact Hours : 32 hrs**

DATE	SESSI ON	Contact Hours	TOPICS	Resource person
1.11.2018	FN	9.00 am to 12.30 pm	Recent Trends in Industrial Automation & PLC-SCADA -Evolution In Industrial Automation (A Brief History)-Different Type Of Industrial Control Mechanisms-Introduction To PLCs- PLC v/s Microcontrollers Area Of Applications	Mr. R. Karthik
	AN	1.30 pm to 4 pm	Hands on PLC Training Kit	Mr. R. Karthik
2.11.2018	FN	9.00 am to 12.30 pm	DATA Flow During Automation Motor Drives Introduction & Their Need Sensors Introduction & Their Need HMI Introduction & Its Need SCADA Introduction& Its Need	Dr.V.Jayalakshmi
	AN	1.30 pm to 4 pm	Hands on PLC Training Kit	Dr.V.Jayalakshmi
D3.11.2018	FN	9.00 am to 12.30 pm	Detail study of PLC & SCADA	Dr.S.P.Vijayaragavan
	AN	1.30 pm to 4 pm	Hands on PLC Training Kit	Dr.S.P.Vijayaragavan
4.11.2018	FN	9.00 am to 12.30	PLC I/Os Basics, Burning & Interfacing Concepts Allen Bradley & Rockwell	Dr.T.R.Rangaswamy

		pm	Automation's Details -Brief Description To Input/ Output Pins Of Micrologix-1000-Ladder Diagram Basics	
	AN	1.30 pm to 5 pm	Hands on SCADA Software	Dr.T.R.Rangaswamy
5.11.2018	FN	9.00 am to 12.30 pm	Introduction To RSLogix-Downloading A Ladder Program In PLC Using RSLinx.-How To Take Input From Panel-How To Give Output To Panel Running First PLC Application	Mrs.Sherine
	AN	1.30 pm to 5 pm	Hands on PLC Training Kit & SCADA Software	Mrs.Sherine



The following students attended Three days' workshop on "Automation using PLC and SCADA" On (1/11/2018 to 5/11/2018) conducted by Iacharya Silicon Limited, Chennai

S.No	Register No	Name of the student	Signature of the Student				
			1/11/2018	2/11/2018	3/11/2018	4/11/2018	5/11/2018
1.	U15EE048	RAVINDRA KUMAR	R kg	R kg	R kg	R kg	R kg
2.	U15EE701	RAVINDER SINGH	Ruv	Ruv	Ruv	Ruv	Ruv
3.	U15EE702	SAKTHIVEL C	Sakthi	Sakthi	Sakthi	Sakthi	Sakthi
4.	U15EE703	RABIN RAJ R	Rabin Raj	Rabin Raj	Rabin Raj	Rabin Raj	Rabin Raj
5.	U15EE704	GUGAN S	Gugan S	Gugan S	Gugan S	Gugan S	Gugan S
6.	U15EE705	ASHOK G	Ash	Ash	Ash	Ash	-AB-
7.	U15EE706	SHILPADEVI S	Shilpa	Shilpa	Shilpa	Shilpa	AB
8.	U15EE707	BILKAN SORENG	Bilkan	Bilkan	Bilkan	Bilkan	Bilkan
9.	U15EE708	B PRIYA	B Priya	B Priya	B Priya	B Priya	-AB-
10.	U15EE709	VINAYAGAM U	Vinayagam	Vinayagam	Vinayagam	Vinayagam	Vinayagam
11.	U15EE710	SRINIVASAN D	Srinivasan	Srinivasan	Srinivasan	AB	Srinivasan
12.	U15EE711	UMER MUSHTAQ M	Umer	Umer	Umer	Umer	Umer
13.	U15EE712	MERHIL RHETSO	Merhil	Merhil	Merhil	Merhil	Merhil
14.	U15EE713	PRASANTH KUMAR S	Prasanth	Prasanth	Prasanth	Prasanth	Prasanth
15.	U15EE715	MOHAMMAD KASHIF ANSARI	Mohammed	Mohammed	Mohammed	Mohammed	Mohammed

16.	U15EE716	RAHUL KUMAR RAY	R K Ray	R K Ray	R K Ray	R K Ray	- AB -
17.	U15EE717	BIJENLU CHAITOM	Chaitom	Chaitom	Chaitom	Chaitom	Chaitom
18.	U15EC506	RAYAPUREDDY PRANAY REDDY	Pranay Reddy	Pranay Reddy	Pranay Reddy	Pranay Reddy	Pranay Reddy
19.	U15EC507	YALAMANCHI VENKATA SAI PRASAD	Venkata Sai Prasad	Venkata Sai Prasad	Venkata Sai Prasad	Venkata Sai Prasad	Venkata Sai Prasad
20.	U15EC508	PULICHARLA YUGANDHAR	Yugandhar	Yugandhar	Yugandhar	Yugandhar	Yugandhar
21.	U15EC509	NAVIN SANKAR S	Sankar S	Sankar S	Sankar S	Sankar S	Sankar S
22.	U15EC510	SRIRAM GANES S	Sriram S	Sriram S	Sriram S	Sriram S	Sriram S
23.	U15EC511	GALLA BALAJI	Balaji	Balaji	Balaji	Balaji	Balaji
24.	U15EC512	VENKATA SATYA NAGA PAVAN SIVA KUMAR M	Siva Kumar M	Siva Kumar M	Siva Kumar M	Siva Kumar M	Siva Kumar M
25.	U15EC514	PRAVEEN KUMAR S	Praveen Kumar S	Praveen Kumar S	Praveen Kumar S	Praveen Kumar S	Praveen Kumar S
26.	U15EC515	P NITHIN KRISHNA	Nithin Krishna	Nithin Krishna	Nithin Krishna	Nithin Krishna	Nithin Krishna
27.	U15EC516	THIRUKUMARAN R	Thirukumaran R	Thirukumaran R	Thirukumaran R	Thirukumaran R	Thirukumaran R
28.	U15EC517	BARATH D	Barath D	Barath D	Barath D	Barath D	Barath D
29.	U15EC518	ALICATTA AVINASH	Avinash	Avinash	Avinash	Avinash	Avinash
30.	U15EC519	C BHARATHRAJ	Bharathraj	Bharathraj	Bharathraj	Bharathraj	Bharathraj
31.	U16EC069	BURLA MALLIKHARJUNA REDDY	Mallikharjuna Reddy	Mallikharjuna Reddy	Mallikharjuna Reddy	Mallikharjuna Reddy	Mallikharjuna Reddy
32.	U16EC070	KATNAM SAIKUMAR	Saikumar	Saikumar	Saikumar	Saikumar	Saikumar
33.	U16EC071	YANAMALA VASU	Vasu	Vasu	Vasu	Vasu	Vasu
34.	U16EC073	IMMADI KARTHIK	Karthik	Karthik	Karthik	Karthik	- AD -
35.	U16EC074	VEMIREDDY NARASA REDDY	Narasa Reddy	Narasa Reddy	Narasa Reddy	Narasa Reddy	- AD -

Signature of HOD



**Bharath**  
**INSTITUTE OF HIGHER EDUCATION AND RESEARCH**  
(Declared as Deemed - to - be - University under section 3 of UGC Act 1956)



**BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY**  
No.173, Agharam Road, Selaiyur, Chennai . T.N - 600 073.

## **DEPARTMENT OF ELECTRICAL AND ELECTRONICS**

### **VALUE ADDED COURSES**

**2018-19**

**Value added course on “Automation using PLC and SCADA ”by Mr. R. Karthik, Design Engineer, Iacharya Silicon Limited, Chennai on 1.11.18**





**Bharath**  
**INSTITUTE OF HIGHER EDUCATION AND RESEARCH**  
(Declared as Deemed - to - be - University under section 3 of UGC Act 1956)



**BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY**  
No.173, Agharam Road, Selaiyur, Chennai , T.N - 600 073.

**SCHOOL OF ELECTRICAL ENGINEERING**

**VALUE ADDED COURSE - Automation using PLC and SCADA**

FEEDBACK FORM		Date: 5/11/2018			
Name	VISEE 703 Robin Raj R				
Register Number	VISEE 703				
Phone Number					
Email address					
	Poor	Fair	Good	Very Good	Excellent
Overall Program			✓		
Resource person				✓	
Audio visual aids & Technology used					✓
Presentation Handouts		✓			

*Robin Raj R*

**Student's Signature**



# Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH  
(Declared as Deemed - to - be - University under section 3 of UGC Act 1956)



**BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY**  
No.173, Agharam Road, Selaipur, Chennai , T.N - 600 073.

## SCHOOL OF ELECTRICAL ENGINEERING

### VALUE ADDED COURSE - Automation using PLC and SCADA

FEEDBACK FORM				Date: 5/11/2018	
Name	B. priya				
Register Number	VISE E708				
Phone Number					
Email address					
	Poor	Fair	Good	Very Good	Excellent
Overall Program			✓		
Resource person			✓		
Audio visual aids & Technology used				✓	
Presentation Handouts					✓

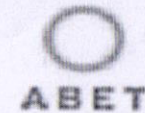
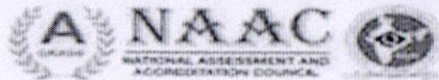
B. priya

Student's Signature



# Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH  
(Declared as Deemed - to - be - University under section 3 of UGC Act 1956)



## SCHOOL OF ELECTRICAL ENGINEERING

### CERTIFICATE OF PARTICIPATION

This is to certify that Mr / Ms P.PRIYA(U15EE708)

has attended Value added Course On “*Automation using PLC and SCADA*”

organized by the School of Electrical Engineering, BIHER conducted

from 1/11/2018 to 5/11/2018.

COURSE COORDINATOR

CONVENOR