

SCHOOL OF ELECTRICAL ENGINEERING

Value Added Courses (2019 -2020)

Certificate Course on Programming in PIC Micro controller

Course Objective

The objective of this course is to give in-depth knowledge of 8-bit PIC Microcontroller with their programming so that student can design real-time projects on Embedded Systems. This course enables the aspirants to work on the architecture, pin diagram, and interfacing of various real-time devices such as LED, LCD, Relay, Buzzer, Switches, motor, etc. It also enables them to work using hardware and software tools required for the development of an embedded system using PIC Microcontroller. Exposure to Embedded C programs is also part of this course.

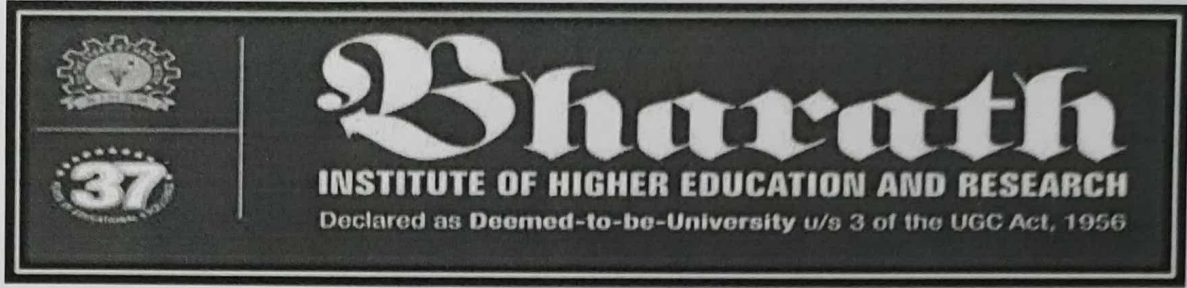
Resource Persons:

1. Dr.P.Dinakar
2. Ms.M.Sowmiya Manoj
3. Dr.Prakash

Convener:

Dr.M.Sangeetha

HOD/ECE



Requisition Letter

Date: 20.01.2020

From

The HOD,
ECE Department,
Bharath Institute of Higher Education and Research,
Selaiyur, Chennai.

To

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

Respected Sir,

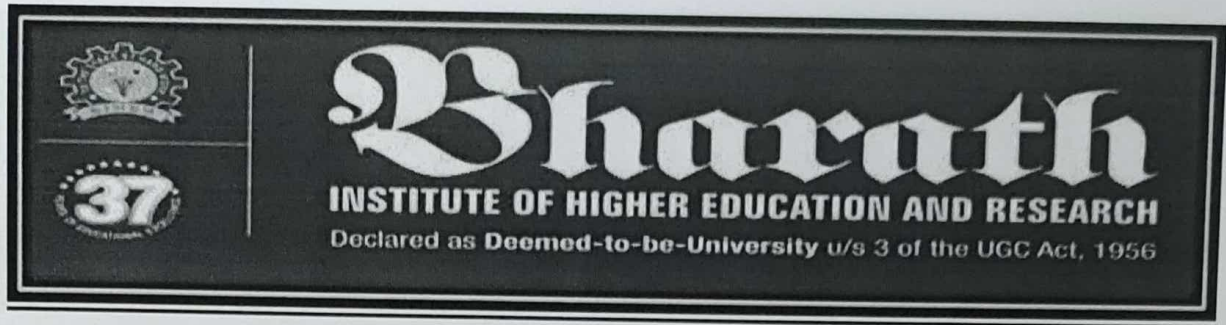
SUB: Requisition for conducting Value Added Course-Regd

School of Electrical Engineering has planned to conduct Value added Course on "Certificate Course on Programming in PIC Micro controller" on 10.02.2020. In this regard we kindly request you to grant permission for the same.

Thanking you

HOD/ECE

Dean Engineering



CIRCULAR

SCHOOL OF ELECTRICAL ENGINEERING

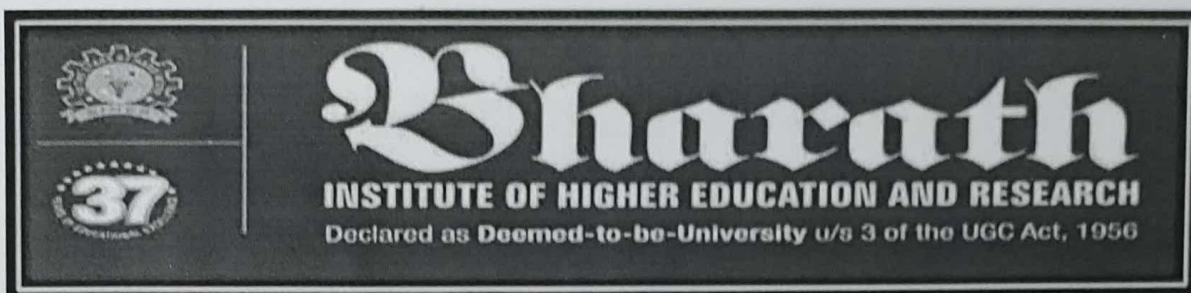
Date: 22.01.2020

The course on “**Certificate Course on Programming in PIC Micro controller**” is planned by School of Electrical Engineering which commences on 10-02-2020 (Thursday). In this regard the students are requested to give their willingness to Course Coordinator. It is instructed to actively participate and get benefitted for the certified course.

Course Coordinator: M.Jasmin
Contact No: 9551485989
Email id : jasmin.ece@bharathuniv.ac.in

(Dr.M.Sangeetha)
HOD/ECE

To,
Copy to ECE Department,
Copy to EEE Department,
Department Notice Board



SCHOOL OF ELECTRICAL ENGINEERING

Certificate Course on Programming in PIC Micro controller

SCHEDULE

Contact Hours: 32 hrs

DATE	SESSION	Contact Hours	TOPICS	Resource person
10-02-2020	FN	9.00 am to 12.30 pm	PIC microcontrollers: History and features, CCS C Compiler and PIC18F Development System	Dr.S.Arulselvi
	AN	1.30 pm to 4 pm	PIC Architecture & Programming , PIC I/O Port Programming	Dr.M.Jasmin
11-02-2020	FN	9.00 am to 12.30 pm	PIC Programming in C, PIC18 Hardware Connection and ROM loaders	Dr.S.Arulselvi
	AN	1.30 pm to 4 pm	PIC18 Timers Programming , PIC18 Serial Port Programming, Interrupt Programming	Ms. M.Sowmiya Manoj
12-02-2020	FN	9.00 am to 12.30 pm	LCD and Keypad Interface, External EEPROM and I2C , USB and HID Class , ADC and DAC	Ms.G.Kanagavalli
	AN	1.30 pm to 4 pm	Sensor and other Applications , CCP and ECCP Programming, Capture Mode Programming and Pulse Width Measurement	Ms. M.Sowmiya Manoj
13-02-2020	FN	9.00 am to 12.30 pm	C# RS232 Interface Programming , C# GUI Plot Program , Digital Oscilloscope, spectral Analyzer, and multimeter	Dr.S.Arulselvi
	AN	1.30 pm to 5 pm	Impact of engineering solutions in a global, economic, environmental, and societal context , Knowledge of contemporary issues	Dr.M.Jasmin
14-02-2020	FN	9.00 am to 12.30 pm	DMA and DMA Controller -8237	Ms. M.Sowmiya Manoj
	AN	1.30 pm to 5 pm	Serial and Parallel Data Transfer	Dr.M.Jasmin

VALUE ADDED COURSE
SCHOOL OF ELECTRICAL ENGINEERING

Certificate Course on Programming in PIC Micro controller

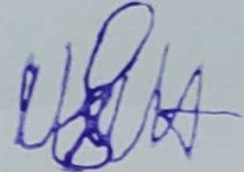
List of Participants

Date: 14.02.2020

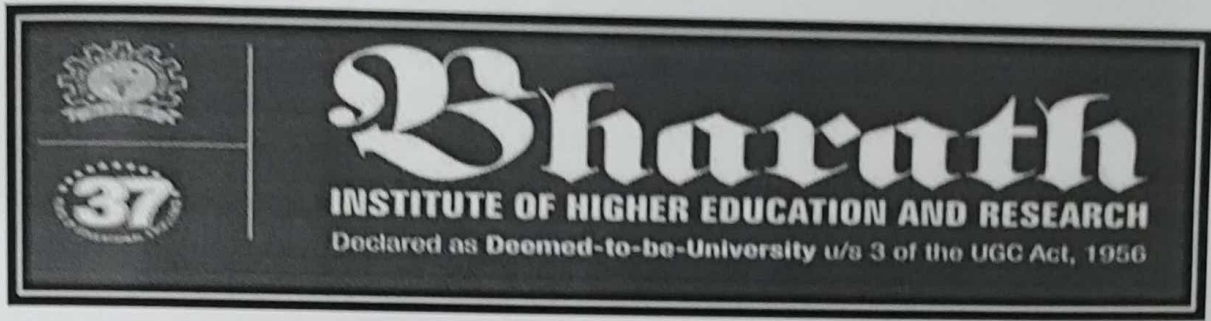
S.NO	REG.NO	NAME OF THE CANDIDATE
1.	U16EC013	ANCHA KRISHNA REDDY
2.	U16EC014	BUGUDI RAMU
3.	U16EC015	GANJI BHARATHCHANDRA
4.	U16EC016	KATIKERI VENKATESH
5.	U16EC017	KOWSALYA K
6.	U16EC018	UNNAM SIVA KRISHNA
7.	U16EC020	RAUSHAN KUMAR
8.	U16EC021	ALIVELI CHARAN SAI
9.	U16EC022	BASIMALLA MARK RATNA BOSE
10.	U16EC023	THATIKONDA PREM SAI
11.	U16EC024	DASINENI ANUSHA
12.	U16EC025	KOLLUMALLA SHYAM NAGA SRI KIRAN
13.	U16EC026	SUNKU RAM NAVI CHAND
14.	U16EC027	J P HIMAVANTH
15.	U16EC028	THIRIVEEDI SUBBAMMA
16.	U16EC029	PEMMASANI KAVYA
17.	U16EC030	KAMASANI JYOTHI PRAKASH REDDY
18.	U16EC031	PEDINEEDI NAGARJUNA
19.	U16EC032	YANAMALA SREEKANTH REDDY
20.	U16EC033	MOTE KEERTHI
21.	U16EC034	ADDALA KRISHNA VAMSI
22.	U16EC035	GOKARAJU AJAY BABU
23.	U16EC036	MANE CHANDRAKANTH
24.	U16EC037	SANNUTHI VINAY NAGA PRANEETH
25.	U16EC038	TELLAMEKALA PRADEEP KUMAR
26.	U16EC039	MATTAPALLI SAI SRIKANTH YADAV
27.	U16EC040	PULI NAGANATH REDDY
28.	U16EC041	KOTTRA ANUSHA GOUD
29.	U16EC042	K RADHAKRISHNA
30.	U16EC043	KAPULURI MARUTHI RAO

31.	U16EC044	RAMPRASATH T
32.	U16EC045	KAPULURI VENKATESWARLU
33.	U16EC046	MUNGARA SRIHARIBABU
34.	U16EC047	VEMULA SIVA SANKAR VARAPRASAD
35.	U16EC048	GUDLURU SUMANTH
36.	U16EC049	KUCHULA SAIKUMAR REDDY
37.	U16EC050	KOTA VENKATA SIVA PRASAD REDDY
38.	U16EC051	GANGASANI SAI NANDA GOPAL REDDY
39.	U16EC052	POKALA SUDHARSHAN REDDY
40.	U16EC053	CHINTALA GANESH
41.	U16EC054	TAMATAM HARSHAK REDDY
42.	U16EC055	M DURGAPRASAD
43.	U16EC056	YANDRA SAI VENKAT
44.	U16EC057	AKASH KUMAR C
45.	U16EC058	BHASHAKARLA GOPIKRISHNA
46.	U16EC059	MADDIBOINA GIRI BABU
47.	U16EC060	MASANAM TARUN
48.	U16EC061	N E ANIL KUMAR
49.	U16EC062	KALLURI RAMA KSRISHNA
50.	U16EC063	YALAMANDALA SANDHYA
51.	U16EC064	RACHARLA VENKATNARAYAN
52.	U16EC065	A MAHESH
53.	U16EC066	MARAMREDDY MURALI MOHAN
54.	U16EC067	JIJJARAPU SHIVA
55.	U16EC068	DINESH D
56.	U16EC069	BURLA MALLIKHARJUNA REDDY
57.	U16EC070	KATNAM SAIKUMAR
58.	U16EC071	YANAMALA VASU
59.	U16EC073	IMMADI KARTHIK
60.	U16EC074	VEMIREDDY NARASA REDDY
61.	U16EC075	MANGISHETTI RAVALI
62.	U16EC076	KOMMINENI DHARANI
63.	U16EC077	KAVALA HARI HARSHAVARDHAN
64.	U16EC078	VEMULA BHARATH
65.	U16EC079	POTHURAJU VENKATA NAGA SUBRAMANYAM
66.	U16EC080	SEELAM VISWANATH
67.	U16EC082	ABHISHEK RANJAN
68.	U16EC084	K VISHNU
69.	U16EC085	AJITH A K
70.	U16EC086	SUNDAR BORO

71.	U16EC087	MOHAMMED MARUF KHAN A
72.	U16EC088	TAMILARASAN N
73.	U16EC089	SARASWATHI REDDY SREE PHANI MONISH
74.	U16EC501	NANDIPATI AJAY REDDY
75.	U16EC503	L JEEVAN SAI KUMAR REDDY



(Dr.M.Sangeetha)
HOD/ECE



SCHOOL OF ELECTRICAL ENGINEERING

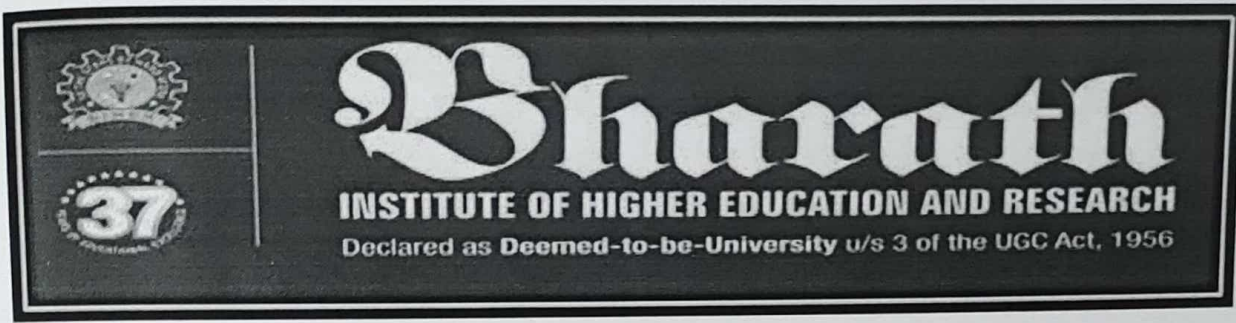
VALUE ADDED COURSE

Certificate Course on Programming in PIC Micro controller

FEED BACK FORM		Date:14.02.2020			
Name	Tamil Arasan. N				
Register number	V16 EC088				
	Poor	Fair	Good	Very Good	Excellent
Overall Program					
The Speaker					
Audio, Visual Aids Technology used					
Presentation hand outs					

Signature *Tamil Arasan. N*

Student



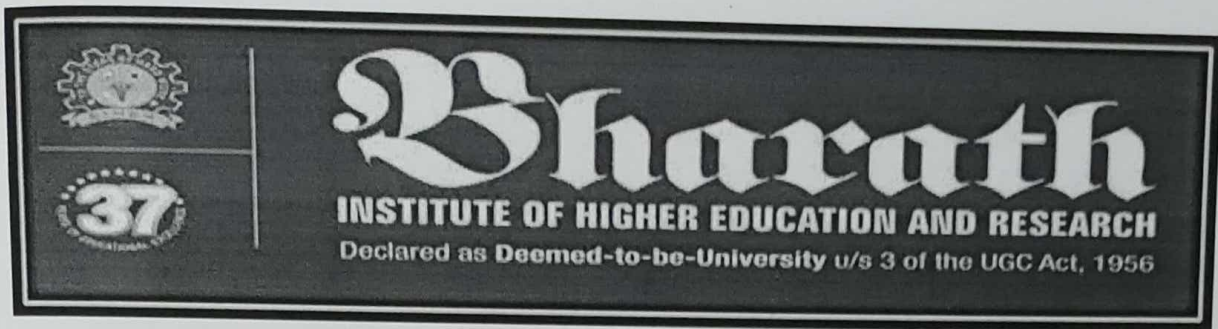
SCHOOL OF ELECTRICAL ENGINEERING

VALUE ADDED COURSE

Certificate Course on Programming in PIC Micro controller

FEED BACK FORM		Date 10.02.2020			
Name	Ramprasath				
Register number	016EC044				
	Poor	Fair	Good	Very Good	Excellent
Overall Program					
The Speaker					
Audio, Visual Aids Technology used					
Presentation hand outs					


Student Signature



SCHOOL OF ELECTRICAL ENGINEERING

Course on "Certificate Course on Programming in PIC Micro controller"

dated on 10.02.2020 conducted by school of Electrical Engineering





Shriharish
 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. **KATNAM SAI KUAMR** has attended Values added Course on “ **Programming in PIC microcontroller** ” Organized by the School of Electrical Engineering, BIHER conducted on 10.02.2020 to 14.02.2020

Jasmine
 Ms M JASMINE

COURSE COORDINATOR

U.S.A.
 DE.M.S. ANGEETHA

CONVENOR