Bharath
INSTITUTE OF HIGHER EDUCATION AND RESEARCH
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SCHOOL OF ELECTRICAL ENGINEERING

Value Added Courses (2019 -2020)

Arduino with IOT

Course Objective

This course focuses on the latest microcontrollers with application development, product design and prototyping and a basic understanding of electronics and microprocessors. The Internet of Things (IOT) is the next wave, world is going to witness. Today we live in an era of connected devices (mobile phones, computers etc.), the future is of connected things (Eg: home appliances, vehicles, lamp-posts, personal accessories, your pets, industrial equipment's and everything which you use in day-to-day life). Internet of Things (IoT) is a network infrastructure that connects physical objects and software applications wirelessly, allowing them to communicate with each other and exchange data via the cloud. In this instructor-led, live training, participants will learn the fundamentals of IoT as they step through the creation of an Arduino-based IoT sensor system.

Resource Persons :

1.Mr.B.Karthick

2.Ms.M.Jasmin

3.Ms.S.Arulselvi

Convener

Dr.M.Sangeetha

HOD/ECE

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Requisition Letter

Date:04.11.2019

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 "Arduino with IOT" on 16/11/2019. In this regard we kindly request you to grant permission for the same.

Thanking you

HOD/ECE

Dean Engineering

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SCHOOL OF ELECTRICAL ENGINEERING

Arduino with IOT

SCHEDULE

Contact Hours: 32hrs.

DATE	SESSION	Contact Hours	TOPICS	Resource person
16/11/2019	FN	9.00 am to 12.30 pm	Understanding the IoT ecosystem devices, platforms, and applications	Mr.B.Karthick
	AN	1.30 pm to 4 pm	Overview of IoT Components Analog sensors and Digital sensors	Ms.S.Arulselvi
18/11/2019	FN	9.00 am to 12.30 pm	Programming an Arduino IoT Device Preparing the development environment (Arduino IDE)	Mr.B.Karthick
	AN	1.30 pm to 4 pm	Working with Arduino Communication Modules Bluetooth Modules	Ms.M.Jasmin
19/11/2019	FN	9.00 am to 12.30 pm	Blynk Mobile App for IoT Installing Blynk	Ms.S.Arulselvi
	AN	1.30 pm to 4 pm	Interfacing Arduino and Blynk via USB LED Blinking Controlling a Servomotor	Ms.M.Jasmin
20/11/2019	FN	9.00 am to 12.30 pm	ESP8266 Wi-Fi Serial Module	Mr.B.Karthick
	AN	1.30 pm to 4 pm	Creating an IoT Temperature and Humidity Sensor System	Ms.S.Arulselvi
21/11/2019	FN	9.00 am to 12.30 pm	Interfacing the Hardware: Arduino, ESP8266 Wi-Fi Module, and DHT-22 Sensor	Ms.M.Jasmin
	AN	1.30 pm to 5 pm	Running your Arduino IoT Sensor System Troubleshooting	Ms.S.Arulselvi

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CIRCULAR

SCHOOL OF ELECTRICAL ENGINEERING

Date: 08.11.2019

The course on Arduino with IOT is planned by School of Electrical Engineering which commences on 16/11/2019 (saturday).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.Sowmiya Manoj
Contact No:7358747803
Email id :sowmiyamanoj.ece@bharathuniv.ac.in

(Dr.M.Sangeetha)
HOD/ECE

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

VALUE ADDED COURSE

SCHOOL OF ELECTRICAL ENGINEERING

Arduino with IOT

List Of Participants

Date: 16/11/2019

S.NO	Register No.	STUDENT NAME
1	U16EC013	ANCHA KRISHNA REDDY .
2	U16EC014	BUGUDI RAMU RAMU
3	U16EC015	GANJI BHARATHCHANDRA BHARATHCHANDRA
4	U16EC016	KATIKERI VENKATESH 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 ANUSHA
12	U16EC025	KOLLUMALLA SHYAM NAGA SRI KIRAN
13	U16EC027	HIMAVANTH J P
14	U16EC028	THIRIVEEDI SUBBAMMA SUBBAMMA
15	U16EC029	PEMMASANI KAVYA KAVYA
16	U16EC030	KAMASANI JYOTHI PRAKASH REDDY .
17	U16EC031	PEDINEEDI NAGARJUNA
18	U16EC032	YANAMALA SREEKANTH REDDY .
19	U16EC033	MOTE KEERTHI KEERTHI
20	U16EC034	ADDALA KRISHNA VAMSI .
21	U16EC035	GOKARAJU AJAY BABU .
22	U16EC036	MANE CHANDRAKANTH CHANDRAKANTH
23	U16EC037	SANNUTHI VINAY NAGA

		PRANEETH .
24	U16EC038	TELLAMEKALA PRADEEP KUMAR .
25	U16EC039	MATTAPALLI SAI SRIKANTH YADAV .
26	U16EC040	PULI NAGANATH REDDY .
27	U16EC041	KOTTRA ANUSHA GOUD .
28	U16EC042	RADHAKRISHNA K
29	U16EC043	KAPULURI MARUTHI RAO .
30	U16EC044	RAMPRASATH T
31	U16EC045	KAPULURI VENKATESWARLU
32	U16EC047	VEMULA SIVA SANKAR VARAPRASAD .
33	U16EC085	AJITH A K
34	U16EC513	BUSETTY LIKITHESH
35	U16EC701	RAHUL K
36	U16EC702	ESWARCHANDRA PRASAD T
37	U16EC048	GUDLURU SUMANTH
38	U16EC049	KUCHULA SAIKUMAR REDDY
39	U16EC050	KOTA VENKATA SIVA PRASAD REDDY
40	U16EC051	GANGASANI SAI NANDA GOPAL REDDY
41	U16EC052	POKALA SUDHARSHAN REDDY .
42	U16EC053	CHINTALA GANESH
43	U16EC054	TAMATAM HARSHAK REDDY .
44	U16EC055	DURGAPRASAD M
45	U16EC056	YANDRA SAI VENKAT .
46	U16EC057	AKASH KUMAR C
47	U16EC058	BHASHAKARLA GOPIKRISHNA
48	U16EC059	MADDIBOINA GIRI BABU .
49	U16EC060	MASANAM TARUN
50	U16EC061	ANIL KUMAR N E
51	U16EC062	KALLURI RAMA KSRISHNA .
52	U16EC063	YALAMANDALA SANDHYA
53	U16EC064	RACHARLA VENKATNARAYAN
54	U16EC065	MAHESH .

55	U16EC066	MARAMREDDY MURALI MOHAN .
56	U16EC067	JIJJARAPU SHIVA
57	U16EC068	DINESH D
58	U16EC069	BURLA MALLIKHARJUNA REDDY .
59	U16EC070	KATNAM SAIKUMAR .
60	U16EC071	YANAMALA VASU
61	U16EC074	VEMIREDDY NARASA REDDY .
62	U16EC075	MANGISHETTI RAVALI
63	U16EC076	KOMMINENI DHARANI
64	U16EC077	KAVALA HARI HARSHAVARDHAN .
65	U16EC078	VEMULA BHARATH
66	U16EC079	POTHURAJU VENKATA NAGA SUBRAMANYAM .
67	U16EC080	SEELAM VISWANATH
68	U16EC082	ABHISHEK RANJAN
69	U16EC084	VISHNU K
70	U16EC087	MOHAMMED MARUF KHAN A
71	U16EC088	TAMILARASAN N
72	U16EC089	SARASWATHI REDDY SREE PHANI MONISH
73	U16EC501	NORDIPATI AJAY REDDY .
74	U16EC502	SUDHARSAN R
75	U16EC503	JEEVAN SAI KUMAR REDDY

Convener

Dr.M.Sangeetha

HOD/ECE

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SCHOOL OF ELECTRICAL ENGINEERING

VALUE ADDED COURSE

Arduino with IOT

FEED BACK FORM					Date: 21.11.2019
Name	SUDHARSAN.R				
Register number	U16EC502				
Phonenumber	9884558267				
Email address	sudharsanr@gmail.com				
	Poor	Fair	Good	Very Good	Excellent
Overall Program				✓	
TheSpeaker				✓	
Audio,Visual Aids Technology used					✓
Presentation hand outs				✓	

Student Signature

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SCHOOL OF ELECTRICAL ENGINEERING

VALUE ADDED COURSE

Arduino with IOT

FEED BACK FORM					Date: 21.11.2019
Name	Kowsalya.K				
Register number	U16EC017				
Phonenumber	9867428132				
Email address	Kowsalyak@gmail.com				
	Poor	Fair	Good	Very Good	Excellent
Overall Program				✓	
TheSpeaker				✓	
Audio,Visual Aids Technology used					✓
Presentation hand outs				✓	

Student Signature

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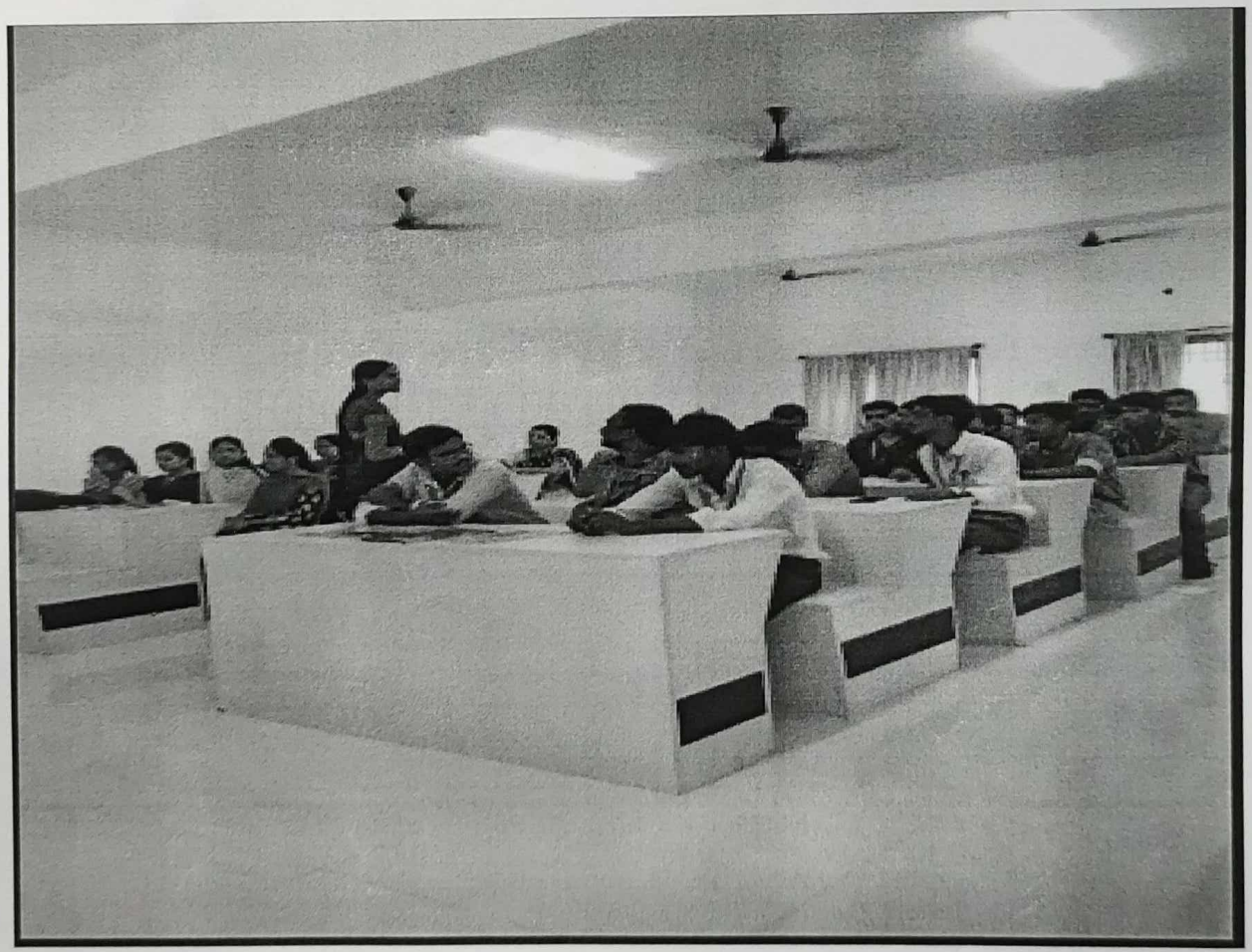
SCHOOL OF ELECTRICAL ENGINEERING

Course on Arduino with IOT dated on 16/11/2019 conducted by School of Electrical Engineering



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NAAC ABET

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CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms. KAWSALYA K has attended Value added Course on **"Arduino with IoT "** Organized by the school of Electrical Engineering, BIHER conducted from 16.11.2019 to 21.11.2019.

Ms. SOWMIYA MANOJ M
COURSE COORDINATOR

Dr.M.SANGEETHA
CONVENOR