

SCHOOL OF ELECTRICAL ENGINEERING

Value Added Courses (2020-2021)

A Short Term Course On Arduino For IOT(Online)

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.

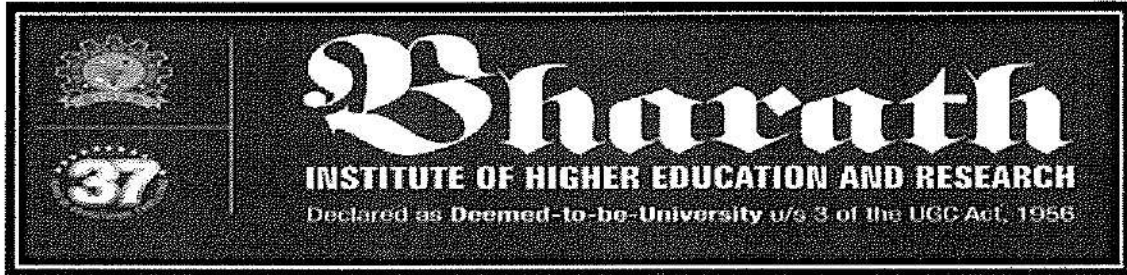
Resource Persons :

- 1.Mr.B.Karthick
- 2.Ms.M.Jasmin
- 3.Ms.S.Philomina

Convener

Dr.M.Sundararajan

HOD/ECE



CIRCULAR

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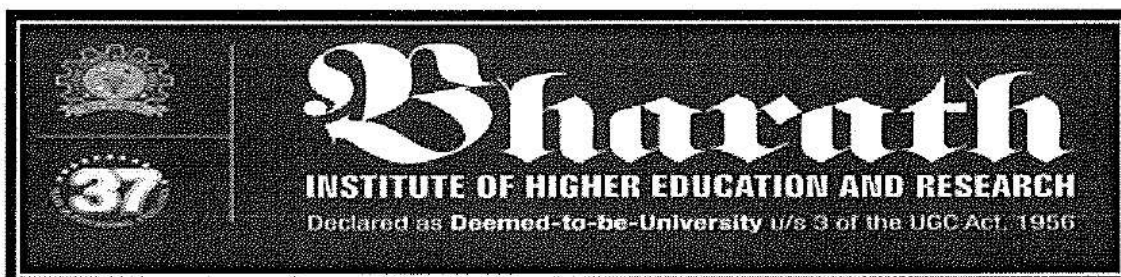
Date: 20.01.2021

The course on A Short Term Course On Arduino For IOT is planned by School of Electrical Engineering which commences on 09-02-2021. 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: T.Vijayan
Contact No: 9894857331
Email id : vijayan.ece@bharathuniv.ac.in


(Dr.M.Sundararajan)
HOD/ECE

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



SCHOOL OF ELECTRICAL ENGINEERING

A Short Term Course on Arduino for IOT

SCHEDULE

Contact Hours: 31hrs.

DATE	SESSION	Contact Hours	TOPICS	Resource person
9/2/ 2021	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.Philomina
10/2/ 2021	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
11/2/ 2021	FN	9.00 am to 12.30 pm	Blynk Mobile App for IoT Installing Blynk	Ms.S.Philomina
	AN	1.30 pm to 4 pm	Interfacing Arduino and Blynk via USB LED Blinking Controlling a Servomotor	Ms.M.Jasmin
12/2/ 2021	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.Philomina
13/2/ 2021	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 4 pm	Running your Arduino IoT Sensor System Troubleshooting	Ms.S.Philomina

VALUE ADDED COURSE
SCHOOL OF ELECTRICAL ENGINEERING

A Short Term Course On Arduino For IOT

List Of Participants

Date:09.02.2021

Sl.no	REG.NO	NAME OF THE CANDIDATE
1	U12EC001	ABHISHEK KUMAR
2	U12EC002	AMARAVATHI S
3	U12EC003	AMIT KUMAR
4	U12EC004	ANKUR PANDEY
5	U12EC005	ARSHIYA MIZBA
6	U12EC006	AVANI RANJAN
7	U12EC007	BALAJI P
8	U12EC008	BLESSNI VASANTHA N S
9	U12EC009	BODDU KOUSIK REDDY
10	U12EC010	CHANDESHWAR KUMAR
11	U12EC011	CHINNA ANKANNAGARI ARUNA
12	U12EC012	DHAMODARAN N
13	U12EC013	DHINESHKUMAR N
14	U12EC014	DINESH KUMAR P
15	U12EC015	GHATTAMANENI LEKHA
16	U12EC016	GUNTAKA CHENNA REDDY
17	U12EC017	JANAKI RAMAN S
18	U12EC018	JEBIN SAM B

19	U12EC019	JOTHI KRISHNAN R
20	U12EC020	KAVITHA S
21	U12EC021	KUMAR GAURAV
22	U12EC022	KUMARI AYAGAT
23	U12EC023	KUMBAKONAM KARTHIK
24	U12EC024	KURAPATI SRIHARIREDDY
25	U12EC025	M NAVEENKUMAR GOUD
26	U12EC026	MAHAKASH BOSE
27	U12EC027	MANAB JYOTI BARUAH
28	U12EC028	MANIRATNAM KUMAR
29	U12EC029	MANJIT RAY CHOWDHURY
30	U12EC030	MOHAMED KASIM N
31	U12EC031	MONISHA M
32	U12EC032	NAMRTA KUMARI
33	U12EC033	PETETI DINESH
34	U12EC034	PETETI SRI TEJA
35	U12EC035	PRINCE PORWAL
36	U12EC036	PUSHKIN
37	U12EC038	RAJ
38	U12EC039	RANJITHKUMAR M
39	U12EC040	RAVINDRA KUMAR RAUSHAN
40	U12EC041	RODDA HEMANTH KUMAR
41	U12EC042	SAIRAGHUL M
42	U12EC043	SANDEEP KUMAR SINGH
43	U12EC044	SANDIP SINGH

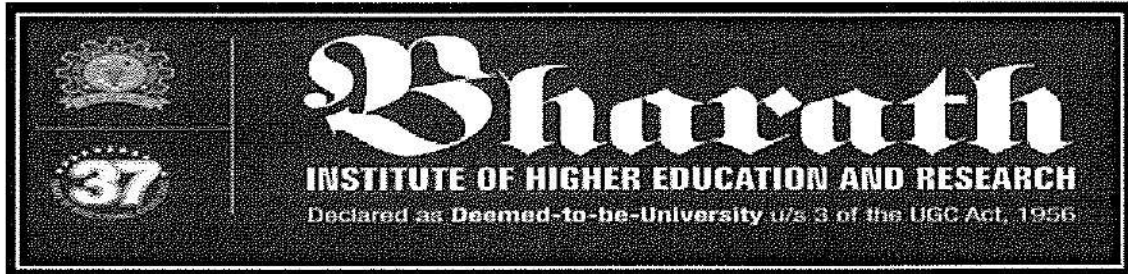
44	U12EC045	SAROJ KUMAR
45	U12EC046	SATISH KUMAR K
46	U12EC047	SHANMUGAM S
47	U12EC048	SIVA SHANKARI B
48	U12EC049	SOLOMON RAJA K
49	U12EC050	SRI LAKSHMI P
50	U12EC051	SRIDHAR MOHAN
51	U12EC052	SRIVATSAN V
52	U12EC053	SRIVIDHYA S
53	U12EC054	SUBHADEEP MAZUMDER
54	U12EC055	SUBIN D
55	U12EC056	SUGANDHAN S
56	U12EE008	DWARAKESH B.
57	U12EE013	HARIHARAN K.
58	U12EE018	LOKESHWARAN S.



Convener

Dr.M.Sundararajan

HOD/ECE



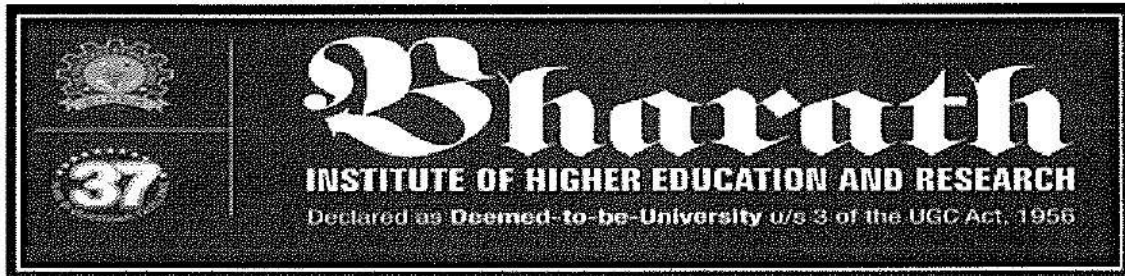
SCHOOL OF ELECTRICAL ENGINEERING

VALUE ADDED COURSE

A Short Term Course On Arduino For IOT

FEED BACK FORM		Date: 13-02-2021			
Name	R.A.J.				
Register number	U12ECO38				
	Poor	Fair	Good	Very Good	Excellent
Overall Program			✓		
The Speaker				✓	
Audio, Visual Aids Technology used					✓
Presentation hand outs			✓	✓	✓


Student Signature



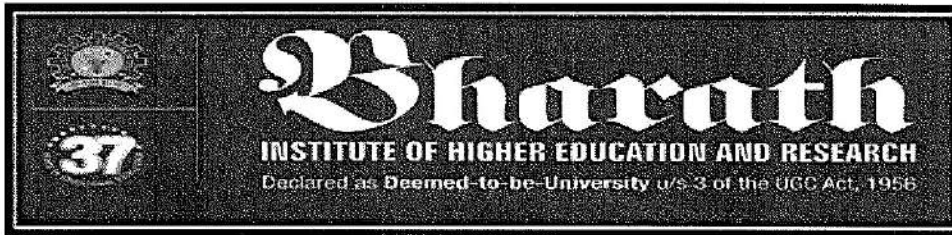
SCHOOL OF ELECTRICAL ENGINEERING

VALUE ADDED COURSE

A Short Term Course On Arduino For IOT

FEED BACK FORM		Date: 13-02-2021			
Name	Manharan . G .				
Register number	V12EE013				
	Poor	Fair	Good	Very Good	Excellent
Overall Program			✓		
The Speaker				✓	
Audio, Visual Aids Technology used					✓
Presentation hand outs			✓		


Student Signature



SCHOOL OF ELECTRICAL ENGINEERING

CERTIFICATE OF PARTICIPATION

This is to certify that Mr / Ms **JOTHI KRISHNAN R (U12EC019)**

has attended Value added Course On “**A Short Term Course On Arduino**

For IOT” organized by the School of Electrical Engineering, BIHER

conducted from **09-02-2021 to 13-02-2021.**

T.VIJAYAN
COURSE COORDINATOR

Dr.M.SUNDARRAJAN
CONVENOR