



# Bharath

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

## Requisition Letter

Date: 09.03.2018

From

The Head of the Department,  
Department of Automobile Engineering,  
Bharath Institute of Higher Education and Research,  
Selaiyur, Chennai - 73

To

The Dean Engineering,  
Bharath Institute of Higher Education and Research,  
Selaiyur, Chennai - 73

Respected Sir,

Sub: Requisition for conducting Value added course – reg.

School of Mechanical Engineering has planned to conduct Value added course on “Arduino and Robotics” on 07/04/2018. In this regard we kindly request you to grant permission for the same.

Thanking You

  
HOD/AUTO

  
Dean Engineering





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## Department of Automobile Engineering

Date: 13.03.2018

### Circular

The of Department of Automobile Engineering, BIHER glad to conduct on five days value added program on “*Arduino and Robotics*” from 07.04.2018 for 30 hours. Those who are interested to participate do register your name to the program coordinator.

All reregistered students must attend all the classes without fail. The students who are completed the course successfully with good score will get the course completion certificate from the institute/Department.

**Resource person: Mr.S.Thirumavalavan and Mr.C. Thamocharan**

Maximum no. of registration allowed – 60.

**\*First come first serve basis.**

Program coordinator

Mr. D. Mohankumar

Mr. C. Jagadeesh Vikram

*h*  
13.03.18

*C. Jagadeesh Vikram*  
13/03/18





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## Department of Automobile Engineering

Five days Value added Program on “Arduino and Robotics” 7<sup>th</sup> April to 12<sup>th</sup> April 2018

Date	Morning Session (9 AM to 12 PM)	Afternoon Session (1.30 PM to 3.30 PM)
07.04.2018 (Saturday)	<b>Mr. S. Thirumavalavan</b> Assemble circuits on a breadboard,	Program writing and assemble in a device
09.04.2018 (Monday)	<b>Mr. C. Thamotharan</b> Receive data with the help of sensors, read off digital and analog signals,	<b>Mr. S. Thirumavalavan</b> Exchange data with a computer, create more complex algorithms, and use new output devices.
10.04.2018 (Tuesday)	<b>Mr. C. Thamotharan</b> Learning to explore the world around you with the help of a distance sensor, and visualize data on a computer.	<b>Mr. S. Thirumavalavan</b> Improve your programming skills by creating a device with moving components.
11.04.2018 (Wednesday)	<b>Mr. S. Thirumavalavan</b> Learning to connect your device to a network, plan its creation beforehand, control heavy loads, and power your device correctly.	
12.04.2018 (Thursday)	<b>Mr. C. Thamotharan</b> Turning one wheel and then two wheels at once, and the robot car will start moving. It'll be moving along the line or under your control. It could as well be just messing with your hand with which you are trying to control it.	<b>Mr. S. Thirumavalavan</b> Learnt to create a step motor and create devices which can perform very precise actions.

Program Coordinator:

Mr.D. Mohan Kumar

Mr.C. Jagadeesh Vikram,

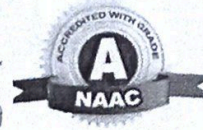
E-Mail: [mohan.auto@bharathuniv.ac.in](mailto:mohan.auto@bharathuniv.ac.in)





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ACCREDITED WITH 'A' GRADE BY NAAC



**BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY**  
**SCHOOL OF MECHANICAL ENGINEERING**  
**DEPARTMENT OF AUTOMOBILE ENGINEERING**  
**CONDUCTING VALUE ADDED COURSE ON**

# **ARDUINO AND ROBOTICS**

**Date**

**07.04.2018**

**Resource Person**

**Mr. S. Thirumavalavan  
&  
Mr. C. Thamotharan**

**Program Coordinator**

**Mr. D. Mohan Kumar., AP / Automobile**

**Mr. C. Jagadeesh Vikram, AP / Automobile**



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## FEEDBACK FORM

- ❖ As part of a continuing improvement process, our college appreciates suggestions and inputs regarding the institution. We request you to sincerely answer these questions under assurance of complete confidentiality. Your interest in making our institution better is greatly appreciated.

Name of Department : ..... *Mechanical Engineering* .....  
 Date : ..... *07/04/2018* .....  
 Event / Speaker Name : ..... *Certificate course on Arduino and Robotics* .....

- Please rate the session on the scale indicated. Your comments are most appreciated.

S.NO	Parameters	Below Average	Average	Good	Excellent	Outstanding
1.	<b>The Topic</b>					
	The choice of topic was relevant to me			✓		
2.	<b>The Lecturer / Speaker</b>					
	Self-confidence				✓	
	Communication skills				✓	
	Doubts/ queries were answered satisfactorily			✓		
3.	<b>The Content (Topic)</b>					
	Refers to latest developments in the field					✓
	Career oriented				✓	
	Innovative learning, if any				✓	

- Overall, how would you rate this Guest Lecture / Workshop / Seminar / Event/Value added course?

1. Below Average	2. Average	3. Good	4. Excellent	5. Outstanding
		✓		

- Comments (If any):

\_\_\_\_\_ *outstanding experience* \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



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## FEEDBACK FORM

- ❖ As part of a continuing improvement process, our college appreciates suggestions and inputs regarding the institution. We request you to sincerely answer these questions under assurance of complete confidentiality. Your interest in making our institution better is greatly appreciated.

Name of Department : ..... *Automobile Engineering* .....

Date : ..... *07/04/2018* .....

Event / Speaker Name : ..... *certificate course on Arduino and Robotics* .....

- Please rate the session on the scale indicated. Your comments are most appreciated.

S.NO	Parameters	Below Average	Average	Good	Excellent	Outstanding
1.	<b>The Topic</b>					
	The choice of topic was relevant to me					✓
2.	<b>The Lecturer / Speaker</b>					
	Self-confidence	✓				
	Communication skills		✓			
	Doubts/ queries were answered satisfactorily					✓
3.	<b>The Content (Topic)</b>					
	Refers to latest developments in the field					✓
	Career oriented			✓		
	Innovative learning, if any					✓

- Overall, how would you rate this Guest Lecture / Workshop / Seminar / Event/Value added course?

1. Below Average	2. Average	3. Good	4. Excellent	5. Outstanding
				✓

- Comments (If any):

\_\_\_\_\_

\_\_\_\_\_ *A lot of a good.* \_\_\_\_\_

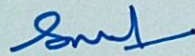
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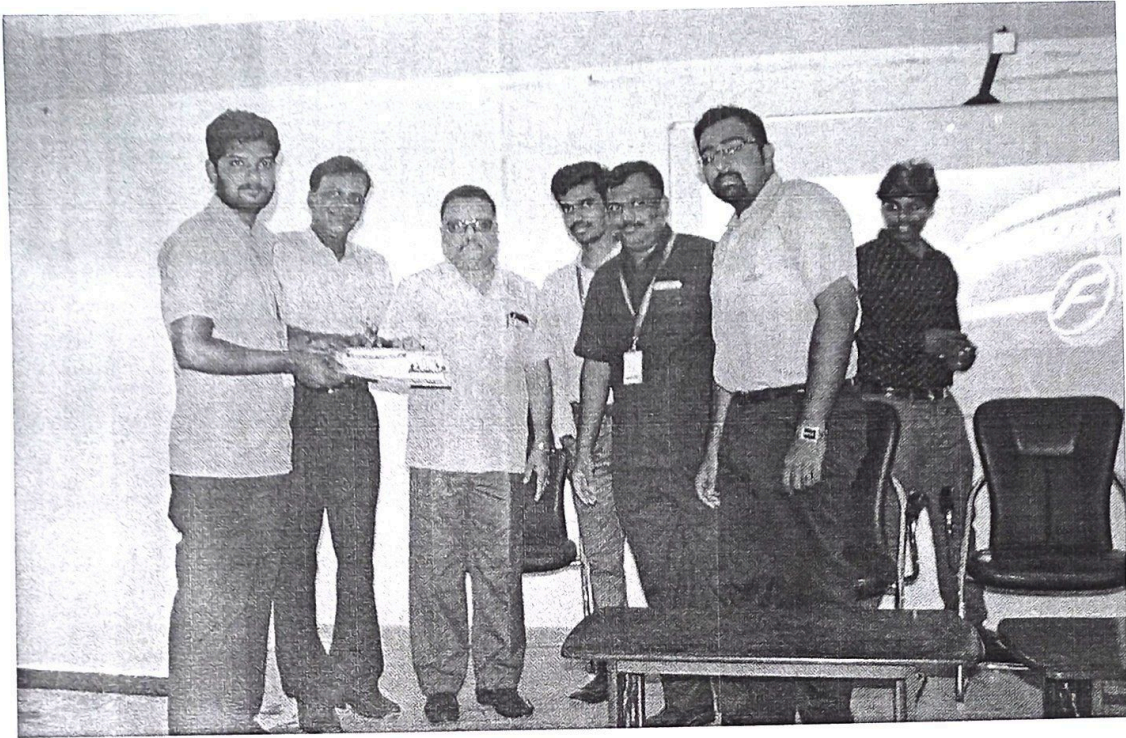
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This is to certify that Mr/Ms KATTA GOPI KRISHNA..... has  
attended the *Certificate course on Arduino and Robotics* programme  
organized by Department of Automobile Engineering. Bharath Institute of  
Higher Education and Research, Chennai on *07-04-18*

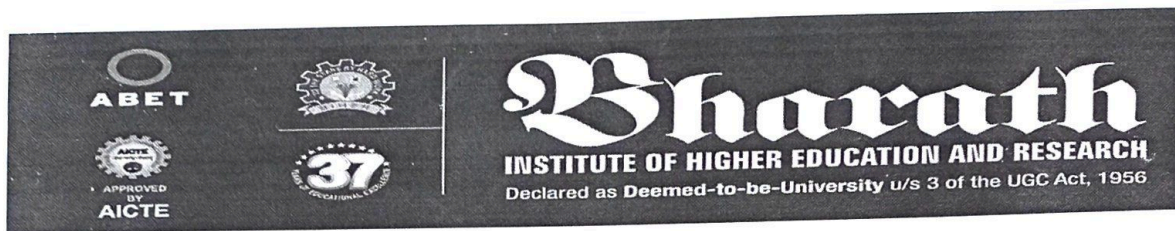
  
Co-Ordinator

  
HOD

  
Dean  
Mechanical Engineering







**DEPARTMENT OF AUTOMOBILE ENGINEERING**

**STUDENTS NAME LIST**

**COURSE:** Certificate course on Arduino and Robotics

**DATE:** 07.04.2018

**ACADEMIC YEAR: 2018-2019**

S.No	REG.NO	STUDENT NAME	DEPARTMENT	SIGNATURE
1	U15AM002	ABISHEK RAJAGOPAL	AUTOMOBILE	<i>Abhishek</i>
2	U15AM004	ASWIN S	AUTOMOBILE	<i>Aswin</i>
3	U15AM005	BHARANIDHARAN C	AUTOMOBILE	<i>Bharan</i>
4	U15AM006	GIRIDAAR A	AUTOMOBILE	<i>Giridhar</i>
5	U17MT007	SELVAMANI S	MECHATRONICS	<i>Selvan</i>
6	U17MT008	ARAVINTHRAJ V J	MECHATRONICS	<i>Aravind</i>
7	U17MT009	SUDAKAR S R	MECHATRONICS	<i>Sudakar</i>
8	U15MT014	PADIYACHI MONISH DANASEKAR	MECHATRONICS	<i>Monish</i>
9	U15MT501	NAREN KUMAR	MECHATRONICS	<i>Naren</i>
10	U15MT503	MUGHIL VERMA	MECHATRONICS	<i>Mughil</i>
11	U16AM007	SUNDARESWARAN B	MECHATRONICS	<i>Sundar</i>
12	U16AM008	PALAPANDALA PRUDHVI	MECHATRONICS	<i>Prudhvi</i>
13	U16AM009	THAMIM ANSARI K	MECHATRONICS	<i>Thamim</i>
14	U16MT005	DHANASEKAR R	MECHATRONICS	<i>Dhanasekar</i>
15	U16MT006	GOUTHAM M	MECHATRONICS	<i>Goutham</i>
16	U16MT007	SATHIYASEELAN S	MECHATRONICS	<i>Sathyaseelan</i>
17	U16AM015	PARIMI SAI SURYA VAMSI	AUTOMOBILE	<i>Sai Surya</i>
18	U17AM013	SURAKANI PAVAN SAI.	AUTOMOBILE	<i>Pavan</i>



19	U17AM014	KUMBHAR RAHUL	AUTOMOBILE	Kumbhar Rahul
20	U17AM015	KUTHE SOURABH SURESH.	AUTOMOBILE	Kuthe Sourabh Suresh
21	U17AM016	SHAJAHAN S	AUTOMOBILE	Shajahan S
22	U17ME075	VEDURUPARTHY KANAKA VENKATA SURESH	MECHANICAL	Veduruparthi Kanaka Venkata Suresh
23	U17ME090	LOKIREDDY VENKATA SHIVA KUMAR	MECHANICAL	Lokireddy Venkata Shiva Kumar
24	U17ME101	KATTA GOPI KRISHNA	MECHANICAL	Katta Gopi Krishna
25	U17ME102	HARISH	MECHANICAL	Harish
26	U17ME120	SUDDAPALLI JASWANTH SAI KUMAR	MECHANICAL	Jaswanth Sai Kumar
27	U17ME125	BURRAREDDYPALLE	MECHANICAL	Burrareddy Palle
28	U17ME131	DASARI	MECHANICAL	Dasari
29	U17ME135	VEMULA CHANDU PRASAD	MECHANICAL	Vemula Prasad
30	U17ME140	PONKAM VARUN KUMAR	MECHANICAL	Ponkam Varun Kumar
31	U17ME144	ANNA PRUDHVI GOUTAM	MECHANICAL	Prudhvi Goutam
32	U15ME011	AKIRI	MECHANICAL	Akiri
33	U15ME013	AKULA ANJI BABU	MECHANICAL	Anji Babu
34	U15ME014	ALLAPURAM AKHIL BALANARAYANA REDDY	MECHANICAL	Akhil Reddy
35	U16ME029	DINESH KUMAR	MECHANICAL	Dinesh Kumar
36	U16ME031	ZHAKIRHUSSAIN	MECHANICAL	Zhakir Hussain
37	U16ME033	SHERIN T	MECHANICAL	Sherin T
38	U16ME035	PARTHAN	MECHANICAL	Parthan
39	U16ME041	SUVODEEP	MECHANICAL	Suvodeep
40	U16ME049	MOHAMED ABDULLAH	MECHANICAL	Mohamed Abdullah

No of Students Registered: 40

No of Students present: 40

