



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



Requisition Letter

1.09.2020

FROM

THE HOD

Department of Mechatronics

Bharath Institute of Higher Education and Research

Selaiyur-Chennai- 73

TO

THE DEAN ENGINEERING

Bharath Institute of Higher Education and Research

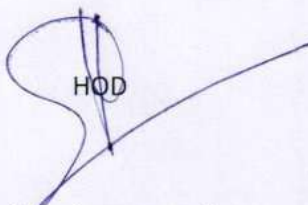
Selaiyur-Chennai- 73

Sir,

Subject: Requisition for conducting Value Added course reg.


The school of Mechanical sciences had planned to conduct a 5 day value added course on the topic "CERTIFICATION COURSE ON ROBO DUINO- GRAVITY" dated from 5.9.2020 to 9.9.2020. In this regard, I request you to kindly grant permission for conducting the same.

Thanking You


HOD
(Dr. Sengottavel)

Dept. of Mechatronics

Dean Engineering


(Dr.J.Hameed Hussain)



Date: 1.9.2020

Department of Mechatronics

Circular

The Department of Mechatronics, BIHER is glad to conduct a 5 - day Value Added Program on “**CERTIFICATION COURSE ON ROBO DUINO- GRAVITY**” dated from 5.9.2020 for a period of 25 hours. Those who are interested to participate do register your name with the program coordinator mentioned below.

Resource persons:

Dr.P.Sengottuvel,
Professor,
BIHER

Mr. Chandrasekar.R,
Prag Robotics,
Chennai.

Maximum No. of registration Allowed – 33

***First come first serve basis.**

Program Coordinator:

Mrs.V.G.VIJAYA

Assistant Professor

Mr.MUTHUKUMARAN

Assistant Professor,

E-Mail: vijayasaravanan84@gmail.com

Mobile: 8870136732


HOD



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Department of Mechatronics

CERTIFICATION COURSE ON ROBO DUINO- GRAVITY

OBJECTIVES:

This course will show you how RoboMind Academy trains Computational Thinking: an essential 21st century skill. By programming a virtual robot, the student is introduced to logic, automation and technology. Logical thinking is directly connected to solving real world challenges.

[DAY: 1]

MODULE I Introduction To Robotics (5 Hrs)

The Introduction to Robotics Specialization introduces you to the concepts of robot flight and movement.

[DAY: 2]

MODULE II Robot anatomy (5 Hrs)

Access WebVI resource files, web service data, and use web services like System Link Tag and Message in your web application.

[DAY: 3]

MODULE III ROBOT simulation (5 Hrs)

To introduce the concept of dynamical composition, reviewing two types: a composition in time that we term "sequential"; and composition in space that we call "parallel." We'll put a bit more focus into that last concept, parallel composition and review what has been done historically,

[DAY: 4]

MODULE IV Robot application (5 Hrs)

Learn about your hosting options during development and how to host your web application to share with users. determine how to integrate your web application into your hardware system to share measurement data and interact with your hardware.

[DAY: 5]

MODULE V : Robot applications-ACTIVITY (5 Hrs)

We develop an approach to composing simple dynamical abstractions that partially automate the generation of complicated sensor motor programs. Specific topics that will be covered include: mobility in animals and robots, kinematics and dynamics of legged machines, and design of dynamical behavior via energy landscapes.



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Department of Mechatronics

CERTIFICATION COURSE ON ROBO DUINO- GRAVITY

PARTICIPANTS LIST

S.No	Reg.No	Name	Department
1.	U17MT058	NAGARAJ	Mechatronics
2.	U17MT057	SREE MUKESH	Mechatronics
3.	U17MT056	SURYA PRAKASH	Mechatronics
4.	U17MT055	YOKESH RAJ	Mechatronics
5.	U17MT054	VASANTH	Mechatronics
6.	U17MT053	GOKULAKRISHNAN	Mechatronics
7.	U17MT052	SATHISH KUMAR	Mechatronics
8.	U17MT051	BOLLEDDU RAVI TEJA	Mechatronics
9.	U17MT050	THIRUMURUGAN	Mechatronics
10.	U17MT049	NIKHILANTONY	Mechatronics
11.	U17MT048	PALANIYAPPAN	Mechatronics
12.	U17MT046	VIGNESHWARAN	Mechatronics
13.	U17MT045	ABDUL RAHAMAN	Mechatronics
14.	U17MT044	BADDITI	Mechatronics
15.	U17MT042	METHIL KRISHNAN	Mechatronics
16.	U17MT040	NIZAMUDEEN	Mechatronics

17.	U17MT023	PRAVEEN	Mechatronics
18.	U17MT022	GULAMGHOUSE	Mechatronics
19.	U17ME066	YETTELLA BHUVANESWARA REDDY .	Mechanical Engineering
20.	U17ME068	CHALLA GIRREESH GIREESH	Mechanical Engineering
21.	U17ME069	VEMPULURU RAKESH	Mechanical Engineering
22.	U17ME070	MARRIPATI BHARGAV	Mechanical Engineering
23.	U17ME072	CHITTIREDDY PAVAN	
24.	U17ME073	VARDA SAI SREEKANTH REDDY S	Mechanical Engineering
25.	U17ME066	YETTELLA BHUVANESWARA REDDY .	Mechanical Engineering
26.	U17ME068	CHALLA GIRREESH GIREESH	Mechanical Engineering
27.	U17AM015	KUTHE SOURABHSURESH	Automobile Engineering
28.	U17AM009	KARTHICK Y	Automobile Engineering
29.	U17AM014	KUMBHAR RAHUL	Automobile Engineering
30.	U17AM016-	SHAJAHAN S	Automobile Engineering
31.	U17AM018	DEVANATHA M	Automobile Engineering
32.	U17AM020-	RITHISHKRISHNA D V	Automobile Engineering
33.	U17AM021	-SHAIK REHAMAN	Automobile Engineering



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BHARATH INSTITUTE OF SCIENCE & TECHNOLOGY

Selayur, Chennai - 73.

DEPARTMENT OF MECHATRONICS

VALVE ADDED COURSE

Date: 9/9/2020

FEEDBACK FORM

NAME	KARTHICK Y				
REGISTER.NO	U17AM 009				
COURSE TITLE	Certification Course on Roboduino (gravity)				
	POOR	FAIR	GOOD	VERY GOOD	EXCELLENT
OVERALL PROGRAM				✓	
THE SPEAKER				✓	
AUDIO,VISIAL AIDS,TECHNOLOGY USED				✓	✓
PRESENTATION HAND OUTS				✓	

Karthick Y
9/9

STUDENT SIGNATURE



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DEPARTMENT OF MECHATRONICS

VALVE ADDED COURSE

Date: 9/9/2020

FEEDBACK FORM

NAME	shajahan				
REGISTER.NO	U17AM016				
COURSE TITLE	Verification course Robo duno gravity				
	POOR	FAIR	GOOD	VERY GOOD	EXCELLENT
OVERALL PROGRAM				✓	
THE SPEAKER					✓
AUDIO,VISIAL AIDS,TECHNOLOGY USED				✓	
PRESENTATION HAND OUTS			✓		

Shajahan
9/9
STUDENT SIGNATURE

**BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF MECHATRONICS**

CERTIFICATE OF PARTICIPATION

This is to certify that

NAGARAJ

of Bharath Institute of Science and Technology

had attended the 5 day Value Added Program on

CERTIFICATION COURSE ON ROBO DUINO GRAVITY

organized by the Department of Mechatronics-

Bharath Institute of Higher Education and Research, Chennai on **5/9/2020 TO 9/9/2020**

V.G. Vijaya

Muthu
V.G.VIJAYA/MUTHUKUMARAN

Coordinators

Dr. P. Sengottuvel

Dr. P. Sengottuvel
Resource Person