



Bharath Institute of Higher Education and Research

[Declared Under Section 3 of UGC Act, 1956]

Chennai – 600 073

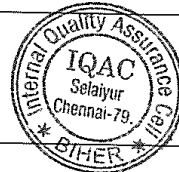
INTERNAL QUALITY ASSURANCE CELL (IQAC)

DOCUMENTS SUBMISSION FORM

Date of Submission	23.11.2017
Type of Documents	Workshop
Description	Workshop on Robotic ARM
Enclosures	a) Circular
	b) Requisition Letter
	c) Brochure
	d) Registration
	e) Photos
	f) Certificate
	g) Feedback Form
No. of Pages	
Submitted By	Name : Dr.P.Sengottuvel
	Designation : HoD
	Department : Department of Mechatronics
	Signature :

For Office Use Only

Received By:	K. Sakthivel	Sign:	Date: 23/11/17
Verified By:	K. Sakthivel	Sign:	Date: 23/11/17
Uploaded By:	K. S. Senthil Kumar	Sign:	Date: 23/11/17
File Name:	SMEC - MT - WORK - 2017-18 - 002		



Coordinator
IQAC - BIHER



Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Declared as Deemed-to-be University under section 3 of UGC Act, 1956)
(Vide Notification No. F.9-5/2000 - U.3, Ministry of Human Resource Development, Govt. of India, dated 4th July 2002)

Phone : 044-22290742 / 22290125 . Telefax : 044-22293886
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173, Agaram Road, Selaiyur, Tambaram,
Chennai - 600 073. Tamil Nadu.



Ref: BIHER/BIST/MT/Event/2017/02

Date: 14.11.2017

CIRCULAR

The Workshop on “Robotic ARM workshop” is planned by the School of Mechanical 17.11.2017

This workshop programme is offered by Department of Mechatronics. Bharath Institute of Higher Education and Research, with the duration of Two days (Two days and commences on 17.11.2017 to 18.11.2017. In this regard, students are instructed to give their willingness and confirm their participation to their participation to their respective class Incharge / workshop Coordinator before 16.11.2017

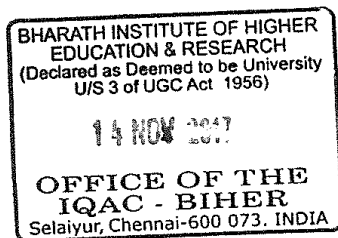
Contact:

Mr. J. DHANASEKAR

Assistant Professor/School of Mechanical Engineering
Workshop Coordinator

Bharath Institute of Higher Education and Research

Email Id: dhanasekar.mt@bharathuniv.ac.in




HoD/Mechatronics



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REQUISITION LETTER

13.11.2017

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


Respected Sir,

Subject: Requisition for conducting Workshop reg.



The school of Mechanical sciences had planned to conduct a 2 -day Workshop on the topic “**Robotic Arm**” dated from 17.11.2017 to 18.11.2017. In this regard, I request you to kindly grant permission for conducting the same.


Thanking You


HOD


Dean Engineering

Brochure

<p style="text-align: center;">TWO DAYS WORKSHOP ON ROBOTIC ARM WORKSHOP 17.11.2017 – 18.11.2017</p>  <p style="text-align: center;">Signature of the Applicant</p> <p style="text-align: center;">[Photocopies of the registration form may also be used for additional registration]</p>	<p>Chief Patron Dr. S.JAGATHRAKSHAKAN,M.P, Founder/ Chairman</p> <p>Patrons Dr. SUNDEEP ANAND., President – BIHER</p> <p>Dr. SWETHA SUNDEEP ANAND., MD- BIHER</p> <p>Dr. P. SENGOTTUVELL., HoD/ Convener Department of Mechatronics</p> <p>Importance Dates Last Date of registration: -11.10.2017 Confirmation of Acceptance: 13.10.2017</p> <p>Address for Correspondence MR. J. DHANASEKAR Asst.prof / Mechatronics Mobile: 984675398 Email-Id: hw4.mechatronics@bharathimv.ac.in</p> <p>Registration Link: https://forms.gle/TCQw9L-Kio824dARK7</p>	 <p>Bharath INSTITUTE OF HIGHER EDUCATION AND RESEARCH (Declared as Deemed -to- be -University under section 3 of UGC Act 1956) ACCREDITED WITH 'A' GRADE BY NAAC</p> <p style="text-align: center;">TWO DAYS WORKSHOP ON Robotic ARM workshop 17.11.2017 – 18.11.2017</p> <p style="text-align: center;">Organized by Department of Mechatronics School of Mechanical Engineering BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY CHENNAI -600073</p>
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<p>ABOUT THE COLLEGE</p> <p>Bharath Institute of Science and Technology (BIST) started with Sri Lakshmi Ammal Educational Trust as the first self-financing Engineering College in Tamil Nadu in 1984 by Dr. S. Jagathrakshakan. Bharath Institute of Higher Education and Research (BIHER) is providing multi-stream, multi-cultural and high-quality education to nearly 10000 students from all around the world. It is functioning in a sprawling area of 603 acres of land with 1.3 crore sq.ft buildings located in six Campuses both in Tamil Nadu and Puducherry, equipped with the state of the art infrastructure facilities. Teaching Faculty members are well-qualified and have vast experience in research to teach and supervise various UG and PG programmes.</p> <p>ABOUT THE DEPARTMENT</p> <p>Mechatronics Department was then further established in the year of 2008. The department offers a four year undergraduate Full Time and Part time course in B.Tech – Mechatronics. The courses are supported with a well-developed curriculum and syllabus to meet contemporary industrial needs and equip the students to meet future demands. Mechatronics is a multidisciplinary field that combines several types of engineering electrical, computer, and mechanical and refers to the skill sets needed in the contemporary, advanced automated manufacturing industry. At the intersection of mechanics, electronics, and computing, mechatronics specialists create simpler, smarter systems. Mechatronics is an essential foundation for the expected growth in automation and manufacturing.</p>	<p>THE OBJECTIVE</p> <p>The workshop aims to introduce the user about Robotic ARM. The participants unveil the concepts of Robotic ARM. They are able to fabricate in real time. The workshop will cover Robotic ARM programming and Robotic interpolation in detail so as to explore ability in making real time automation with robots for various applications.</p> <p>This Workshop Focuses on the Following Areas</p> <p>Day: 1</p> <ul style="list-style-type: none">➤ Introduction to Robotic Gripper➤ Introduction to Gear Mechanism➤ Basics of Robot Electronics. <p>Day: 2</p> <ul style="list-style-type: none">➤ Assembling the DIY kit of Acrylic Robotic Gripper➤ Introduction to Timer / Counter➤ Zonal Competition <p>Eligibility: Faculty Members, Research scholars and PG students.</p> <p>RESOURCE PERSON:</p> <ul style="list-style-type: none">➤ Dr. P.VEERAMANI., UNIKERZ TECH PVT LTD., Chennai.➤ Mr. P.Kavitha HoD & Professor, MAM School of Engineering, Trichy.	
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Bharath Institute of Higher Education and Research

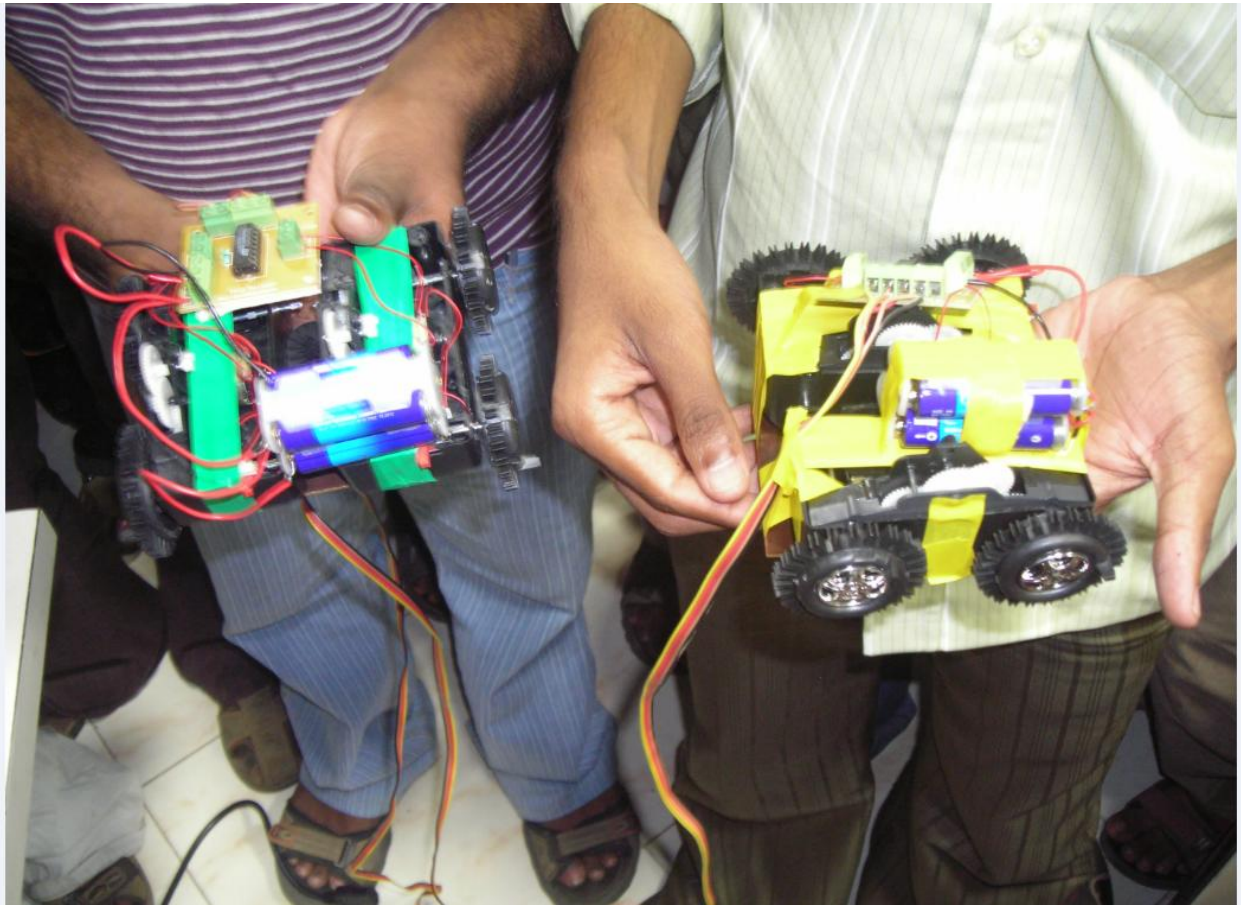
Department of Mechatronics

List of Participation

S.No	Name	College
1	S Vishnu	Hindustan College Of Engineering And Technology
2	Bala Murugan A	Hindustan College Of Engineering And Technology
3	Mohammed Juzer	SRM College Of Engineering And Technology
4	S R Sudakar	The Technological Institute Of Textile & Science
5	Sanjay C	SRM College Of Engineering And Technology
6	A.Bright Selva Kumaran	BIHER
7	Kollati.Nagasiva	Bharath Institute Of Higher Education And Research
8	Kamalesh K	Agni College Of Technology
9	J.Jayaprakash	Chennai Institute Of Technology
10	Dishan Asir Raj R	Coimbatore Institute Of Technology
11	Manikandan.V	Bharath Institute Of Higher Education And Research
12	Badditi Yesobu	Bharath Institute Of Higher Education And Research
13	B Kevin Raj	Bharath Institute Of Higher Education And Research
14	S.Akash	Bharath Institute Of Higher Education And Research
15	Palaparthi Sivannarayana	Kongu Engineering College
16	Sagar Amirdharaj	Bharath Institute Of Higher Education And Research
17	Rohith Joseph	Jeppiaar Engineering College
18	Vasanthradevi.R	Bharath Institute Of Higher Education And Research
19	Yogesh	Bharath Institute Of Higher Education And Research
20	Alex Anto	Agni College Of Technology
21	D.Hari Prasanth	Bharath Institute Of Higher Education And Research
22	Methil Krishna A H	Bharath Institute Of Higher Education And Research
23	Jagadeshwar S	Bharath Institute Of Higher Education And Research
24	Gopala Krishna Mohan Rao.J	Bharath Institute Of Higher Education And Research
25	Nandhakumar	Bharath Institute Of Higher Education And Research
26	Praveen Rajendran	Bharath Institute Of Higher Education And Research
27	Tirumani Bulliraju	Bharath Institute Of Higher Education And Research
28	Mohamed Jumail	Bharath Institute Of Higher Education And Research
29	S Vishnu	Bharath Institute Of Higher Education And Research
30	Bala Murugan A	Bharath Institute Of Higher Education And Research
31	Mohammed Juzer	Bharath Institute Of Higher Education And Research
32	J.Jayaprakash	Adhi College Of Technology
33	Methil Krishnan A H	Bharath Institute Of Higher Education And Research
34	Jebultone A	Bharath Institute Of Higher Education And Research
35	Jaisingh Alan Jerome	Bharath Institute Of Higher Education And Research
36	A.Bright Selva Kumaran	Bharath Institute Of Higher Education And Research
37	Nandhakumar	Bharath Institute Of Higher Education And Research
38	Vasanthradevi.R	Bharath Institute Of Higher Education And Research
39	Chilukuri Surya	Bharath University
40	S.Akash	Bharath University
41	Guru Aravindh	Chennai Institute Of Technology
42	Mahaveer Singh	Agni College Of Technology
43	Aravind. K	Chennai Institute Of Technology
44	Vasanth	Agni College Of Technology
45	Sagar Amirdharaj	Agni College Of Technology
46	Tamilselvan A	Chennai Institute Of Technology
47	Rohith Hiseph	SNS College Of Technology
48	J.Jayaprakash	KPR Institute Of Engineering And Technology

49	Methil Krishnan A H	Sri Krishna College Of Engineering And Technology
50	Jebultone A	SNS College Of Technology
51	Jaisingh Alan Jerome	KPR Institute Of Engineering And Technology

Photos



Certificate

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

CERTIFICATE OF PARTICIPATION

This is to certify that

.....
Tajya Pataksh J

.....
K PR INSTITUTE OF Engg & technology

.....
had attended the 2 day Workshop on "Robotic ARM" organized by the
Department of Mechatronics- Bharath Institute of Higher Education and Research, Chennai
on November (17,18) 2017.

J. Dharmasol

Mr.J.Dharmasakar
Coordinator

Dr.P.Sengottuvel

Dr.P.Sengottuvel
HOD / Mechatronics



Feedback Form



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Date: 18/11/2017

NAME : A.BALAMURUGAN

College: HINDUSTAN COLLEGE OF ENGINEERING AND TECHNOLOGY

Name of the Programme: Workshop on "Robotic ARM workshop"

Feedback Form

1. What is your opinion about the duration of this programme?

A- Short

B- Adequate

C- Long

2. Overall, how useful was this programme for you?

A- Very much

B- To Some Extent

C- Not useful

3. How would you rate the Teaching Qualities?

A- Very Good

B- Good

C- Average

D- Poor

B-

4. How would you rate the Materials Presented?

A- Very Good

B- Good

C- Average

D- Poor

5. How much of knowledge you learned today?

A- A lot of it

B- Satisfactory

C- None of it

6. Did it fulfill your expectation?

A- Yes

B- Some extent

C- No

7. Planning of this Programme?

A- Excellent

B- Very Good

C- Good

D- Satisfactory

E- Poor

8. Any other Comment (if any):

Balamurugan .A.
PARTICIPANT SIGNATURE



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Date: 18/11/2017

NAME : Sanjay C

College: SRM college of Engineering & Technology

Name of the Programme: Workshop on "Robotic ARM workshop"

Feedback Form

1. What is your opinion about the duration of this programme?

A- Short

B- Adequate

C- Long

2. Overall, how useful was this programme for you?

A-Very much

B- To Some Extent

C-Not useful

3. How would you rate the Teaching Qualities?

A-Very Good

B- Good

C-Average

D-Poor

B-

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