



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



Requisition Letter

2.02.2021

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 online Value Added course reg.

The school of Mechanical sciences had planned to conduct a 5 -day value added course on the topic "ANDROID COMPONENTS & BUILDING BLOCKS" dated from 7.02.2021 to 11.02.2021. 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: 2.02.2021

Department of Mechatronics

Circular

The Department of Mechatronics, BIHER is glad to conduct a online Value Added Program on “**ANDROID COMPONENTS & BUILDING BLOCKS**” dated from 7.02.2021 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. SIVARAMAKRISHNAN
Department of Production,
MIT,Chennai

Maximum No. of registration Allowed – 56

***First come first serve basis.**

Program Coordinator:

Mr.MUTHUKUMARAN

Assistant Professor

Mrs.V.G.VIJAYA

Assistant Professor,

E-Mail: vijayasaravanan84@gmail.com

Mobile: 8870136732

HOD



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Department of Mechatronics

ANDROID COMPONENTS & BUILDING BLOCKS

OBJECTIVES:

This course will show An android **component** is simply a piece of code that has a well defined life cycle e.g. Activity, Receiver, Service etc.

The core building blocks or fundamental components of android are activities, views, intents, services, content providers, fragments and AndroidManifest.xml.

[DAY: 1]

- **MODULE I Start the service (5 Hrs)**
- Service is a background process that can run for a long time.
- There are two types of services local and remote. Local service is accessed from within the application whereas remote service is accessed remotely from other applications running on the same device.

[DAY: 2]

- **MODULE II Launch an activity (5 Hrs)**

Content Providers are used to share data between the applications.

[DAY: 3]

- **MODULE III Display a web page (5 Hrs)**
- Fragments are like parts of activity. An activity can display one or more fragments on the screen at the same time.

- **[DAY: 4]**

- **MODULE IV Display a list of contacts (5 Hrs)**

- It contains informations about activities, content providers, permissions etc. It is like the web.xml file in Java EE.

[DAY: 5]

- **MODULE V : Broadcast a message (5 Hrs)**

It is used to test the android application without the need for mobile or tablet etc. It can be created in different configurations to emulate different types of real devices.



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Department of Mechatronics

Value Added Course - ANDROID COMPONENTS & BUILDING BLOCKS

PARTICIPANTS LIST

S.No	Reg.No	Name	Department
1.	U16AM010	JAI KUMAR VERMA	Automobile Engineering
2.	U16AM012	MOHAMED IMTHIYAZ M	Automobile Engineering
3.	U16AM015	PARIMI SAI SURYA VAMSI .	Automobile Engineering
4.	U16AM017	AMAL PHILIP GEORGE .	Automobile Engineering
5.	U16AM018	ROSHAN ROMARIO FRANCIS	Automobile Engineering
6.	U16AM019	ANTHAM JEEVAN REDDY .	Automobile Engineering
7.	U16AM001	RAMACHANDRAN M	Automobile Engineering
8.	U16AM002	LIBIN BOBBY	Automobile Engineering
9.	U16AM004	NANDA KUMAR K	Automobile Engineering
10.	U16AM005	VASANTHKUMAR R	Automobile Engineering
11.	U16ME012	MOHANRAJ R	Automobile Engineering
12.	U16ME014	RAVIRAJAN S	Mechanical Engineering
13.	U16ME023	ARAVINDAN K	Mechanical Engineering

14.	U16ME029	DINESH KUMAR M	Mechanical Engineering
15.	U16ME031	ZHAKIRHUSSAIN S	Mechanical Engineering
16.	U16ME101	VIJAY M	Mechanical Engineering
17.	U16ME104	MULLAGURA BHARATH KUMAR .	Mechanical Engineering
18.	U16ME105	CHALLA CHARANKUMAR .	Mechanical Engineering
19.	U16ME106	RAJEEV KUMAR .	Mechanical Engineering
20.	U16ME107	MANOJ .	Mechanical Engineering
21.	U16MT001	PRADEEPAN S	Mechanical Engineering
22.	U16MT002	RAAHUL GANESH R	Mechanical Engineering
23.	U16MT003	DINESH J	Mechatronics
24.	U16MT004	SRINATH B	Mechatronics
25.	U16MT005	DHANASEKAR R	Mechatronics
26.	U16MT006	GOUTHAM M	Mechatronics
27.	U16MT007	SATHIYASEELAN S	Mechatronics
28.	U16MT008	RAKESH P	Mechatronics
29.	U16MT009	ABDUL FAHEEM S	Mechatronics
30.	U16MT010	SAKTHI R	Mechatronics
31.	U16MT011	MELVINE ROHAN R	Mechatronics
32.	U16MT014	SARATHKUMAR D	Mechatronics
33.	U16MT015	SOMENDRAN A	Mechatronics
34.	U16MT018	RATHISH KRISHNAN R	Mechatronics
35.	U16ME119	PALAPALA KOTESWARARAO	Mechanical Engineering

36.	U16ME120	MADDIKARA SRIKAMTHREDDY	Mechanical Engineering
37.	U16ME121	MUKESH K	Mechanical Engineering
38.	U16ME129	DEEPAK RAJAN D	Mechanical Engineering
39.	U16ME131	VIJAY M	Mechanical Engineering
40.	U16ME133	AKASH SAHA	Mechanical Engineering
41.	U16ME134	ARANYA JASH	Mechanical Engineering
42.	U16ME140	MO WASEEM .	Mechanical Engineering
43.	U16ME504	MASAPALLI GURUTEJA	Mechanical Engineering
44.	U16ME505	KONDURU VENKATESWARA PRASAD	Mechanical Engineering
45.	U16ME506	ARUN GOSH P A	Mechanical Engineering
46.	U16ME510	Selva Kumar M	Mechanical Engineering
47.	U16ME513	CHINTALA RAMESH DORAUV	Mechanical Engineering
48.	U16ME516	KARTHIKEYAN K	Mechanical Engineering
49.	U16ME520	PAVITHRAN OMEZHILAN	Mechanical Engineering
50.	U16ME522	I S V SAI DATTHA SHARAN	Mechanical Engineering
51.	U16ME572	RANJITH VIGNESHWAR A	Mechanical Engineering
52.	U16ME602	SHAIK MAHAMMED HANEEF	Mechanical Engineering
53.	U16ME603	SHAIK RIYAZ	Mechanical Engineering
54.	U16AM703	LAGHYVARAPU SAI SATISH .	Automobile Engineering
55.	U16AM704	GUNTAMUKKALA THILAK	Automobile Engineering
56.	U16AM705	KUTO CHUZHO	Automobile Engineering



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Selaiyur, Chennai - 73.

DEPARTMENT OF MECHATRONICS

VALVE ADDED COURSE FEEDBACK FORM

Date: 7/2/2021

NAME	LIBIN BOBBY				
REGISTER.NO	U16AM002				
COURSE TITLE	ANDROID Components & Building blocks.				
	POOR	FAIR	GOOD	VERY GOOD	EXCELLENT
OVERALL PROGRAM			✓		
THE SPEAKER			✓		
AUDIO,VISIAL AIDS,TECHNOLOGY USED			✓	✓	
PRESENTATION HAND OUTS			✓		

Bobby
7/2



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BHARATH INSTITUTE OF SCIENCE & TECHNOLOGY

Selaipur, Chennai - 73.

DEPARTMENT OF MECHATRONICS

VALVE ADDED COURSE FEEDBACK FORM

Date: 7/2/2021

NAME	Srinath				
REGISTER.NO	UI6MT004.				
COURSE TITLE	Android components & Building Blocks.				
	POOR	FAIR	GOOD	VERY GOOD	EXCELLENT
OVERALL PROGRAM					
THE SPEAKER					✓
AUDIO,VISIAL AIDS,TECHNOLOGY USED				✓	
PRESENTATION HAND OUTS					✓

Srinath

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

CERTIFICATE OF PARTICIPATION

This is to certify that

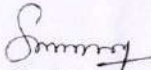
RAMACHANDRAN .M

of **Bharath Institute of Science and Technology**

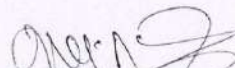
had attended the 5 day Value Added Program on **ANDROID COMPONENTS &
BUILDING BLOCKS**

organized by the Department of Mechatronics-

Bharath Institute of Higher Education and Research, Chennai on **7/2/2021 TO 11/2/2021**


Mr. Muthukumar/Mrs. V. G. Vijaya

Coordinators


Dr. P. Sengottuvel
Resource Person