

Requisition letter

Date: 1.08.2020

From

Dr.Kaliyamurthy M.E.,PH.D,

Professor & Head,

Department of CSE,

Bharath Institute of Higher Education and Research,

Chennai.

To

Pro.VC Academics,

Bharath Institute of Higher Education and Research,

Chennai.

Respected Sir

Sub: Request of permission to conduct a value – added course on "Google Android Application Development Training" (online) - Reg

With reference to above subject, I would like to bring to your kind notice that, our department interested to organize value added course "Google Android Application Development Training" in our campus premises on 08.08.2020, students would be participating in this course. We request you kindly to give permission to organize this event.

Timing: 9:30 AM to 12:30 PM (FN) and 1:30 PM to 4:30 PM (AN)

Submitted to principal for approval to organize this value-added course.

HOD

Bharath Institute of Science & Technology
BHARATH INSTITUTE OF HIGHER EDUCATION & RESEARCH
(Declared as Deemed to be University U/S 3 of UGC Act. 1956)
Selaiyur, Chennai-600 073.



CIRCULAR

4.8.2020

The school of computing, Bharath Institute of Higher Education and Research is planned to conduct a certification value added course on Certificate Course of Google Android Application Development Training for the benefit of students. This course is scheduled from 08.08.2020 to 19.08.2020. The timings are 9:30 AM to 12:30 PM (FN) and 1:30 PM to 4:30 PM (AN) and Saturday (FN&AN).

All Registered Students must attend all the classes without fail. The following faculty members are assigned to handle the course. S.NO	Name of the Faculty	Designation			
1.	Dr. C. Nalini	Professor			
9.	Mus-cor. Karitha	Assistant Ducturso			

Head of Department

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Department of Computer Sci

To

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CERTIFICATE COURSE ON GOOGLE ANDROID APPLICATION DEVELOPMENT TRAINING

Date of Introduction of the Course: 12.09.2020

COURSE SYLLABUS

1. Creating Project Sunshine

To learn how to create and run a simple Android app, create simple layouts for Android, learn about the Android Studio IDE

2. Loading Data from the Internet

To connect to the Internet and communicate with web APIs, learn about threading and how to make requests without slowing down your app, learn how to add menus to your app

3. Recycler View

To learn about the components that convert a list of data into visual UI elements

4. Intents

To learn the difference between Explicit and Implicit Intents, learn how to navigate inside your apps using intents. To learn how to create Intents that apps outside your control can respond.

5. The Application Lifecycle

To understand the phases of the Android application lifecycle, learn how to persist data between orientation and other changes

6. Preferences

To allow users to customize some aspects of your app Consider when to omit or add a preference

7. Content Providers

To learn how Content Providers provide an interface to share data, consume data from an already existing Content Provider.

8. Android Architecture Components

To learn how to use Room, LiveData, ViewModel and Lifecycle components, understand how architecture components can help you build robust and efficient apps

9. Background Tasks

To run jobs in the background of an app and create notifications and schedule long-running background processes

10. Completing the UI

To build a well-organized, accessible UI for your app, try different layouts, views, viewgroups, and methods of databinding, design your UI for users who speak different languages

11. Polishing the UI

To add visual polish to your apps with different layouts, fonts, and colors, use design principles to create apps that look great across multiple form factors

COURSE OBJECTIVES

This course blends theory and practice to help you build great apps the right way. In this course, you'll work with instructors step-by-step to build a cloud-connected Android app, and learn best practices of mobile development, and Android development in particular.

Specifically, the course has the following objectives:

Students will learn

- 1. Understanding data loading.
- 2. Understanding Recycler view.
- 3. Analyse and visualize data in application life cycle.
- 4. Create reproducible data analysis reports.
- 5. Run jobs in the background of an app.
- 6. Create apps that look great across multiple form factors.

COURSE COORDINATOR

HEAD OF THE DEPARTMENT

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CERTIFICATE COURSE ON GOOGLE ANDROID APPLICATION DEVELOPMENT TRAINING

Date of Introduction of the Course: 12.09.2020

The timings are 9:30 AM to 12:30 PM (FN) and 1:30 PM to 4:30 PM (AN) Saturday (FN&AN).

Time Table & Lesson plan

CLASS	DATE	TOPIC
1	08-08-2020(FN)	1. Creating Project Sunshine To learn how to create and run a simple Android app, create simple layouts for Android, learn about the Android Studio IDE
2	10-08-2020 (FN)	2. Loading Data from the Internet To connect to the Internet and communicate with web APIs, learn about threading and how to make requests without slowing down your app, learn how to add menus to your app
3	10-08-2020 (FN)	3. Recycler View To learn about the components that convert a list of data into visual UI elements
4, 5	11-08-2020 (FN & AN)	4. Intents To learn the difference between Explicit and Implicit Intents, learn how to navigate inside your apps using intents.
6	12-08-2020 (FN)	5. Intents To learn how to create Intents that apps outside your control can respond.
7	13-08-2020 (FN)	6. The Application Lifecycle To understand the phases of the Android application lifecycle, learn how to persist data between orientation and other changes
8	14-08-2020 (FN)	7. Preferences To allow users to customize some aspects of your app Consider when to omit or add a preference
9	15-08-2020 (FN)	8. Content Providers To learn how Content Providers provide an interface to share data, consume data from an already existing Content Provider.
10	17-08-2020 (AN)	9. Android Architecture Components To learn how to use Room, LiveData, ViewModel and Lifecycle components, understand how architecture components can help you build robust and efficient apps
11, 12	18-08-2020 (FN)	10. Background Tasks To run jobs in the background of an app

		Create notifications and schedule long-running background processes
13	18-08-2020 (AN)	11. Completing the UI To build a well-organized, accessible UI for your app, try different layouts, views, viewgroups, and methods of databinding, design your UI for users who speak different languages
14	19-08-2020 (FN)	12. Polishing the UI To add visual polish to your apps with different layouts, fonts, and colors, use design principles to create apps that look great across multiple form factors

COURSE COORDINATOR

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INSTITUTE OF HIGHER EDUCATION AND RESEARCH (Dectared as Deemed-to-be University under section 3 of UGC Act, 1956) (Vide Nolification No. F9-5/2000 - U.3, Ministry of Human Resource Development, Govl. of India, dated 4" July 2002)

	DEPAR	TMENT OF COMPUTER SCIENCE AND ENGINEERING							
	D	ate of Introduction of the Course: 12.09.2020							
		B.Tech Computer Science and Engineering							
	Google Android Application Development Training								
S. No	i. No REG.NO NAME OF THE CANDIDATE								
1	U15CS001	ABHIJEET KUMAR	\Box						
2	U15CS002	ABHIJIT KUMAR GUPTA	_						
3	U15CS003	ABHISHEK KUMAR SINGH	_						
4	U15CS004	ALLU SAI SIVA PRIYANKA NAIDU							
5	U15CS005	AMBIKE KUMAR SINGH							
6	U15CS006	ANBUMANI S							
7	U15CS007	ANJAR ALI							
8	U15CS008	ANKAM MANJUNATH							
9	U15CS009	ANNADI DHANUSH							
10	U15CS010	ANNAVARAPU DIVYA							
11	U15CS011	ANUMOLU YESWANTH							
12	U15CS012	ARAVAPALLI SIVA VINAYA							
13	U15CS013	ARAVINDHAN K R							
14	U15CS014	ARVIND KUMAR YADAV							
15	U15CS015	ARYAN SAHU							
16	U15CS016	ASHISH AGARWAL							
17	U15CS017	ASHISH RANJAN							
18	U15CS018	ATTANTI RAVIKANTH							
19	U15CS019	BANAVATH SUNIL NAIK							
20	U15CS020	BANDARU RAMESH							
21	U15CS021	BATTA SIVA PRASAD							
22	U15CS022	BHARATH K							
23	U15CS023	BHARATHI V							
24	U15CS024	BIKKI KUMAR SHA							
25	U15CS025	BINGEWAR SAISHARAN							
26	U15CS026	BIRADAVOLU SUCHARITHA							
27	U15CS027	BODA AKHIL WESLEY							
28	U15CS028	BONALA SRIDHAR RAO							
29	U15CS029	BRYAN STEVE PUSHPARAJ I							
30	U15CS030	CHAKKA KSHITHIJA							
31	U15CS031	CHAMARTHI LAKSHMI NARAYANA AVINASH							
32	U15CS032	CHANDRA KANT CHOUDHARY	_						
33	U15CS033	CHAPPIDI LAKSHMIKANTH REDDY	_						

34	U15CS034	CHIDIPOTHU PRATHYUSHA
35	U15CS035	CHINTAGINJALA VENKATA SRI SAI SRAVYA
36	U15CS036	CHOWDHARY PRASANNA KUMAR
37	U15CS037	CHUNDI VENKATA SESHASAI RAMANAPATANJALI
38	U15CS038	CILLA SAI KISHORE
39	U15CS039	D N S HRUDAY BHARADWAJ
40	U15CS040	DADAM CHAITHRA
41	U15CS041	DEEPAK KUMAR SINGH
42	U15CS042	DILLIGANESH V
43	U15CS043	DIVAKAR M
44	U15CS044	DIVYA VANI T
45	U15CS045	DODDI PUJITHA
46	U15CS046	DOOLIGANTI AKHIL REDDY
47	U15CS047	DUPUGUNTLA BHANU SIVA KASINADH
48	U15CS048	GANDLUR REDDY GREESHMA
49	U15CS049	GANESH BAG
50	U15CS050	GANGARAJU RAHUL
51	U15CS051	GANGARAPU UKESH
52	U15CS052	GANGU BHAGYA
53	U15CS053	GLADSON J
54	U15CS054	GOLI SUDEEP KRISHNA
55	U15CS055	GOLLAPUDI KALYAN KUMAR
56	U15CS056	GORRE THIRUPATHI REDDY
57	U15CS057	GUJJETI MAHESH

COURSE COORDINATOR

Head of the Department

HEAD OF DEPARTMENT
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COURSE FEEDBACK FORM

Acad	emic Yea	ar	2020 -	2021							
Term											
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Num	ber of Cr	edits								/	
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3.			e course by the								
	(i)	Control of the Contro	part of this cour					10			
	(ii)	Has adequate prior exposure to the prerequisites									
	(iii)	Had to pickup relevant additional topics through concurrent study									
	(iv)	Have no e	xposure to the ba	ckgrou	nd material		4	v.			
4.	The ev	The second state of the second by the student area									
7.	(a)	he expectations for taking the course by the student are: Enhance by skill base in the area of specializations									
	(b)	Get exposed to a relevant subject									
	(c)	Curiosity	ou to a fero tain of					0			
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4.	Level o	f preparatio	n		/						
5.	Level o	f interaction	1		/						
6.	Accessibility outside the class										
7.	Others	(please spec	eify			/					
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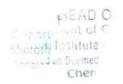
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COURSE FEEDBACK FORM

Acad	emic Yea	ır	2020 - 2	2021								
Term	1											
Cour	se Numbe	er										
Cour	se Title		Google	Google Android Application Development Training								
Num	ber of Cr	edits										
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	(ii)			exposure to the prerequisites								
	(iii)			vant additional topics through concurrent study								
	(iv)	Have no exposi	ire to the bac	kground mate	rial			yes				
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Air	renent	D:	very Good	C: C	Jour		D: Satisfa	ctory	E: Po	or		

HEAD OF THE DEPARTMENT





COURSE FEEDBACK FORM

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3.	Preparation for the course by the student:										
	(i)	Have done part		87.538.555.699					^		
	(ii)	Has adequate p			requisites			N			
	(iii)	Had to pickup r					nt study	~	Secon		
	(iv)	Have no expost		CONTRACTOR SEC	_		Yes				
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4.	The ex	pectations for ta	king the co	urse by the	student	are:					
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	(b)	Get exposed to	a relevant s								
	(c)	Curiosity									
	(d)	Better Employr		tunity							
	(e)	Complete Cour	se requirem	ents	7.0						
	(f)	To Improve CG	PA					7	w		
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2.	Comme	ment of the Subject									
3.		of expression				/					
4.	55,135,030,000	f preparation			/						
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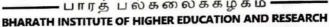
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(Declared as Deemed-to-be-University, u/s 3 of the UGC Act, 1956)





Mr. GANESH BAG

For actively participating in the value added course "Google Android Application Development Training"Conducted by School of Computing, BIHER from 08-08-2020 to 19.08.2020.

Course Coordinator

Head of the Department

Director