

MOBILE APPLICATIONS DEVELOPMENT USING ANDROID

[ADD-ON COURSE FOR BCA STUDENTS]



Organised by
PG Department Of Computer
Science and Applications



DURATION :
30 HOURS

PLATFORM :
GOOGLE MEET

COURSE FEE :
₹ 3500/- per student

DATE :
14 JUNE 2021
TO
26 JUNE 2021

COURSE OBJECTIVES

- + To understand the basic concepts of Object Orientated programming and Mobile Applications.
- + To create awareness about the opportunities of Application Development
- + Hands-on training on Android Studio.
- + To create Mobile applications using Android Studio.

FACULTY COORDINATORS

Ms.Anjana C Rajan (Assistant Professor)
(Mob no - 9746447969)
Ms.Lekshmi V (Assistant Professor)
(Mob no - 8301066269)

STUDENT COORDINATORS

Mr.Jagavinagak J M (S1 BCA)
(Mob no - 9526917476)
Ms.Asifa F Ayoob (S1 BCA)
(Mob no - 8848049002)



CHRIST NAGAR COLLEGE

MARANALLOOR, TRIVANDRUM

A CMI Educational Institution | Affiliated to the University of Kerala

In Association with
KELTRON KNOWLEDGE CENTRE

ADD-ON COURSE NAME: CERTIFICATE COURSE IN ANDROID APPLICATION DEVELOPMENT

TOTAL Hrs 30 hrs		Hrs/Day: 2hrs	Total Number of Days: 15 Days	
SLNO	DAYS	SUBJECT AND MODULES	THEORY HRS	PRACTICAL HRS
1	Day-1	Introduction of Android- Background (java) - Mobile application & types, Android features, Versions,OOPS concept	1	1
2	Day-2	Architecture, Components of Android,Installing SDK & Starting Android	1	1
3	Day-3	Creating Applications using Android (Login form),Activity, Structure of Application,	1	1
4	Day-4	Creating User Interface (UI controls)- Button, Edit Text, Text view, Check Box, Radio Button	1	1
5	Day-5	Layout concepts	1	1
6	Day-6	Concepts of Intents - types	1	1
7	Day-7	Webview, Gesture	1	1
8	Day-8	Multimedia-Audio / Video Player	1	1
9	Day-9	Camera features ,Usage of gallery	1	1
10	Day-10	Google Maps: How to do Simple Map with Different View	1	1

11	Day-11	Camera features ,Usage of gallery	1	1
12	Day-12	Using Internet Resources Through Android	1	1
13	Day-13	Web Services in Android - Local data	1	1
14	Day-14	Web Services in Android - JSON Parsing	1	1
15	Day-15	Google Play Market - How to publish app in Google Play Market	1	1

SCHEME OF STUDY

SL NO	SUBJECT NAME	THEORY (T) STUDY HRS	LAB (P) STUDY HRS	TOTAL STUDY HRS	MARKS FOR THEORY EXAM		MARKS FOR LAB EXAM		TOTAL MARKS
					MIN MARK	MAX MARK	MIN MARK	MAX MARK	
1	Android Application Development	15	15	30	50	100	50	100	200

EVALUATION CRITERIA

SL. NO	SUBJECT NAME	THEORY EXAM			PRACTICAL EXAM			GRAND TOTAL (T+P)
		DURATION OF EXAM	THEORY EXAM MARK		DURATION OF EXAM	PRACTICAL EXAM MARK		
			MIN MARK	MAX MARK		MIN MARK	MAX MARK	
1	Android Application Development	2 Hrs	50	100	2hrs	50	100	200



CHRIST NAGAR COLLEGE

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Online Add-on Course

“Certificate Course in Mobile Application Development using Android”

Organized by

PG Department of Computer Science and Applications and IQAC of Christ Nagar
College in association with Keltron, Trivandrum

Date: 14th to 26th, June 2021

The screenshot displays a Google Meet session in progress. The main area shows a grid of 64 participants, each with a profile picture and name. The names are: You, Nandhini Devi, ben rozario, AKSHAYA LE..., Theertha Pra..., Freeminds So..., Jishnu R K, Krishna ..., Mohammed ..., Asifa F Ayooob, Hrishikesh Sa, Annapurna P..., Aadithyan Aadi, nibin john, anjana jayaku..., Fahim S, Nikhil Sekhar, ANOOP R U, Ashna Yasin, Gana Gopan, Muzammil M, Anuroop Pras..., Tanya Roy, Esha, Mansi Malani, AKSHAY R.S, A S Anu Leks..., AKHIL- A, athul vs, BHARATH A S, AnishaRaj AR, Shaheen Sayed, Naveen Felix, Gauri M, Navya Geogy C, S G Abitha, Jayavi, nibin john, ABHISHEK R.S, and Gautham G S. The meeting details sidebar on the right shows 64 participants in the call. The Windows taskbar at the bottom indicates the time is 04:40 PM on 14-06-2021, with a temperature of 26°C and rain showers.

Meet - dtg-cyfm-haa

meet.google.com/dtg-cyfm-haa

Nandhini Devi is presenting

What is Android ?

Android is a Operating System based on Linux Kernel

If any Operating System based on Linux Kernel then no need to install any hardware drivers and all its automatically recognize hardware

In previous days people said like android is a mobile operating system because that time android was working as a operating system only for mobile but now android is working as a Operating system for Smartphone, Tablet ,TVs ,Cameras ,Smart Glasses ,Wristwatches ,Headphones etc...

meeting.google.com is sharing your screen. Stop sharing Hide

Meeting details

27°C Rain showers

03:58 PM 14-06-2021

Meet - dtg-cyfm-haa

meet.google.com/dtg-cyfm-haa

Nandhini Devi is presenting

Android Architecture

meeting.google.com is sharing your screen. Stop sharing Hide

Meeting details

27°C Rain showers

04:14 PM 14-06-2021

Meet - dfg-cyfm-haa

meet.google.com/dfg-cyfm-haa

Apps Gmail YouTube Maps Vehicle Related

Meeting controls: Muted, Video Off, Screen Off

Meeting details: Turn on captions, Present now

System tray: 26°C Rain showers, 04:39 PM, 14-06-2021

Participants (34 total):

- You
- Nandhini Devi
- ben rozario
- AKSHAYA LEK...
- Theertha Prav...
- Freeminds Soc...
- Jishnu R K
- Krishna ...
- Mohammed Y...
- Asifa F Ayooob
- Hrishikesh Sa
- Annapurna Pa...
- Aadithyan Aadi
- nibin john
- anjana jayaku...
- Fahim S
- Nikhil Sekhar
- ANOOP R U
- Ashna Yasin
- Gana Gopan
- Muzammil M
- Anuroop Prasad
- Tanya Roy
- Esha
- Mansi Malani
- AKSHAY R.S
- A S Anu Leksh...
- AKHIL- A
- athul vs
- BHARATH A S
- ArishaRaj AR
- Shaheen Sayed
- Naveen Felix
- Gauri M
- Navya Geogy C
- S G Abitha
- Jayavi
- nibin john
- ABHISHEK R.S
- Gautham G S
- Nisha Jaleel
- Fathima Zahrah
- Ananthu
- keerthis kumar...
- Riya Sherin
- Sona S L
- Sreelakshmi S L
- Nandhini Devi
- RAHUL M S