

## **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
					MIN MARK	MAX MARK	MIN MARK	MAX MARK	MARKS
1	Android Application Development	15	15	30	50	100	50	100	200

#### **EVALUATION CRITERIA**

SL. NO			THEORY EXAM			PRACTICAL EXAM			
	SUBJECT NAME	DURATION	THEORY EXAM MARK		DURATION	PRACTICAL EXAM MARK		GRAND TOTAL (T+P)	
			OF EXAM	MIN MARK	MAX MARK	OF EXAM	MIN MARK	MAX MARK	(177)
	1	Android Application Development	2 Hrs	50	100	2hrs	50	100	200