

Course Code	Course Name	Teaching Scheme (Hrs/week)			Credits Assigned			
		L	T	P	L	T	P	Total
MCAL46	Mobile Programming Lab	--	--	4	--	--	2	2
		Examination Scheme						
		Term Work		Practical		Oral		Total
		40		10		10		60

Pre-requisite Course Codes	
Course Outcomes	CO1 Understand basics of Mobile application.
	CO2 Design and Develop User Interface using Mobile Programming Platform.
	CO3 Develop Mobile Applications with database connectivity.

Exp. No.	Experiment Details	Ref.	Marks
1	Introduction and installation of Android.	1,2,3	5
2	Working with view, intents, fragments and asynchronous calling.	1,3	5
3	Design User Interface Widgets (Text, Button, Toggle, Images, Notification, Toast).	1,2,3	5
4	Design Menus, Dialogues, List and Tabs.	1,2,3	5
5	Develop Multimedia components in Android application.	1	5
6	Application development with Database connectivity.	1,2	5
7	Android web development.	1	5
8	Publishing Android application on Play store.	2,3	5
Total Marks			40

References:

- [1] Robi Sen and Chris King, "Android in Action", Dreamtech press, Third Edition.
- [2] Michael Burton and Donn Felker, "Android Application Development for Dummies", Wiley.
- [3] Wei-Meng Lee, "Beginning Android 4 Application Development", Wrox A Wiley Brand.