



## COLLEGE OF ENGINEERING CHENGANNUR

(Managed by IHRD, A Govt of Kerala Undertaking)

Department of Computer Engineering

### 20MCA243 MOBILE APPLICATION DEVELOPMENT LAB

#### LAB CYCLE

Cycle No.	Exp. No.	List of Experiments	CO	Completion Date
I	1	Design a Login Form with username and password using LinearLayout and toast valid credentials	CO1	22-08-2024
	2	Implementing basic arithmetic operations of a simple calculator		
	3	Write a program that demonstrates Activity Lifecycle.		
	4	Implement validations on various UI controls		
II	5	Create a Facebook page using RelativeLayout; set properties using .xml file	CO2	12-09-2024
	6	Develop an application that toggles image using FrameLayout		
	7	Design a registration activity and store registration details in local memory of phone using Intents and SharedPreferences		
III	8	Develop an application that uses ArrayAdapter with ListView.	CO3	10-10-2024
	9	Implement Options Menu to navigate to activities		
	10	Develop application that works with explicit intents		
	11	Implement Adapters and perform exception handling		
V	12	Develop an application that implements Spinner component and perform event handling	CO4	01-11-2024
	13	Develop application using Fragments		
	14	Create database using SQLite and perform INSERT and SELECT	CO5	
	15	Perform UPDATE and DELETE on SQLite database		

**Note: Lab Cycles should be completed on or before 01/11/2024 (Friday). Tentative date for Internal lab Exam will be between 02/11/2024 & 09/11/2024**