



Course Title: Android Application Development Laboratory (Skill Oriented Laboratory -I)			
Course Code : P18CSL58	Semester : 5	L :T:P : 0:0:2	Credits: 1
Contact Period: Practical: 3 Hr/Week, Exam: 3 Hr		Weightage: CIE:50%, SEE:50%	

Course Learning Objectives (CLOs):

This course aims to

1. Access and work with the Android APIs.
2. Design, implement and deploy mobile applications using an appropriate software development environment.

List of Programs

1. Develop an application that uses GUI components, font and colors.
2. Develop an application that uses layout manager and event listener.
3. Develop a native calculator application.
4. Write an application that draws basic graphical primitives on the screen in android.
5. Develop an application that makes uses of database.
6. Implement an application that implements multi-threading.
7. Develop a native application that uses GPS location information.
8. Develop an application that writes data to the SD card.
9. Develop an application that creates an alert upon receiving a message.
10. Develop a mobile application that creates alarm clock.

Course Outcomes After learning all programs of the course, the student is able to,

1. Access and work with the Android APIs.
2. Design, implement and deploy mobile applications using an appropriate software development environment.

Course Outcomes	Program Outcomes (PO's)												PSO's	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2
CO1	2		2		2								1	1
CO2	2		2		3								1	1