

APP DEVELOPMENT LAB
(Skill Based Lab Elective-II)/ (Common for CSE, IT)

COURSE CODE: 15CT11S1

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Pre-requisites: OOP through Java

COURSE OUTCOMES:

At the end of the course the student shall be able to

- CO1:** Implement Android Layouts and GUI components
- CO2:** Develop application for user permission for SD card
- CO3:** Develop an application that use database
- CO4:** Implement application using fragmentation concept
- CO5:** Implement Native applications using google services

LIST OF EXPERIMENTS:

- 1) Develop an application that uses Layout Managers and event listeners.
- 2) Develop an application that uses GUI components, Font and Colors
- 3) Develop a native calculator application.
- 4) Develop an application that makes Music player
- 5) Implement an application that implements Multi threading
- 6) Develop an application that makes use of database.
- 7) Implement an application that writes data to the SD card.
- 8) Implement an application that creates an alert upon receiving a message.
- 9) Write a mobile application that creates alarm clock
- 10) Write a mobile application that use fragmentation.
- 11) Develop a native application that uses GPS location information.
- 12) Develop a native application that uses Google map services.

TEXT BOOKS:

1. Reto Meier, "*Professional Android 4 Application Development*", 1st edition, Wile publication, 2012.
