

## **35265 – MOBILE COMPUTING LAB**

### DETAILED SYLLABUS

#### **OBJECTIVES**

On completion of the following exercises, the students must be able to

- Provide a solid foundation and skills for programming to create applications for Mobile Devices
- Install, configure and use Android development environment.
- To Learn about Basic Mobile Application Development tools
- To learn How to create interactive applications in android with multiple activities
- Create Mobile Application Portfolio using Android and IOs

#### **LIST OF EXPERIMENT**

1. Write a program to demonstrate activity (Application Life Cycle)
2. Write a program to demonstrate different types of layouts
3. Write a program to implement simple calculator using text view, edit view, option button and button
4. Write a program to demonstrate list view
5. Write a program to demonstrate photo gallery
6. Write a program to demonstrate Date picker and time picker
7. Develop an simple application with context menu and option menu
8. Develop an application to send SMS
9. Write a program to view, edit contact
10. Write a program to send e-mail
11. Write a program to demonstrate a service
12. Write a program to demonstrate web view to display web site
13. Write a program to display map of given location/position using map view
14. Write a program to demonstrate the application of intent class
15. Write a program to create a text file in a external memory