

MP5411 MOBILE APPLICATION DEVELOPMENT LABORATORY

DETAILED SYLLABUS

OBJECTIVES

- Know the components and structure of mobile application development frameworks like Android /windows /ios.
- Understand how to work with various mobile application development frameworks.
- Learn the basic and important design concepts and issues of development of mobile applications.
- Understand the capabilities and limitations of mobile devices.
- Write applications for the platforms used, simulate them, and test them on the mobile hardware where possible.

LIST OF EXPERIMENTS

1. Develop an application that uses Layout Managers.
2. Develop an application that uses event listeners.
3. Develop an application that uses Adapters, Toast.
4. Develop an application that makes use of database.
5. Develop an application that makes use of RSS Feed.
6. Implement an application that implements Multi threading.
7. Develop a native application that uses GPS location information.
8. Implement an application that writes data to the SD card.
9. Implement an application that creates an alert upon receiving a message.
10. Develop a game application.