

# **GUJARAT TECHNOLOGICAL UNIVERSITY**

## **M.E. Computer Engineering (Wireless Mobile Computing)**

**Semester: III**

**Subject Name: Advanced Programming on Mobile Devices - II**

**Subject Code: 735301**

### **Course Content:**

Introduction of android, Why develop for android, Android SDK features, Creating android activities

Fundamental android UI design, Intents, adapters, dialogs, Android Technique for saving data

Data base in Androids, Maps, Geocoding, Location based services, Toast, using alarms, Instant messaging, Using blue tooth, Using Telephony, Introducing sensor manager

Managing network and wi-fi connection, Advanced androids development ,Linux kernel security  
Implement AIDL Interface

### **Text Book:**

1. Android Application Development by Rick Rogers / O'reilly

### **References Books:**

1. Beginning Iphone Sdk Programming With Objective-C by Wei-meng Lee/Wiely
2. Head First IPHONE Development by Tracey Pilone, Dan Pilone/ O'Reilly
3. Professional Iphone And Ipad Database Application Programming,Alessi by Patrick Alessi/wiely India