

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/
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