

11. ANDROID MOBILE APPLICATION

THEORY	50 Marks
PRACTICAL	50 Marks

COURSE OBJECTIVES

The objective of this Course is to help the students to understand how to develop an application for a mobile.

UNIT I

Introduction to Mobile Computing-Types of wireless devices-Mobile Object-MOD-Query Language for MOD-Application of Mobile Computing-Future of Mobile Computing.

UNIT II

Evolution of Mobile Technology- Wireless Evolution -1G-2G-3G-4G-5G.

UNIT III

What is Android? -Setting up development environment - App Development Overview-Tools for Android App Development.

UNIT IV

Versions of Android - iOS Vs Android- Limitations of Android-Android SDK- Android Studio or Eclipse.

UNIT V

Familiar Programming Languages: Java, XML-Knowing the Android Markup-Creating a first program "Hello World".

Practical Component: Android Studio.

RESOURCE PERSON: Dr.V.DEVI

REFERENCE BOOKS:

1. Android App Development: A Complete Tutorial For Beginners Kindle Edition by Author Padmini (Author)
2. Creating Android Applications: Develop and Design, 1e Paperback – 2012 by Haseman (Author)