

SEMESTER-II (Pool-A)

COURSE NAME : FOUNDATION OF ANDROID APP DEVELOPMENT (PRACTICAL PAPER)

(CHOI-A11)

Number of Credit: - 02

Maximum marks: 50

Contact Hours: 45

Min Marks: 20

UNIT - 1

Introduction to Android: The Android Platform, Android SDK, Eclipse Installation, Android Installation, Building your First application, Understanding Anatomy of Android Application.

UNIT - II

Android Manifest file, Android Application Design Essentials: Anatomy of an Android Application, Android terminologies, Application Context, Activities, Services, Intents, Receiving and Broadcasting Intents.

UNIT - III

Android User Interface Design Essentials: User Interface Screen elements, Designing User Interface with layouts, Drawing and Working with Animation, Android Manifest File and its common settings, Using Intent Filter, Permissions.

UNIT - IV

Using Basics Android APIs: Using Android Data and Storage APIs, Managing data using Sqlite, Sharing Data between Applications with Content Provides.

UNIT - V

Introductory use of Android Networking APIs.

Reference Books:

1. TI. Lauren Darcey and Shane Conder, " Android Wireless Application Developments", Pearson Education, 2nd ed. (2011)
2. Reto Meier, "Professional Android 2 Application Development", Wiley India Pvt Ltd
3. Mark L Murphy, "Beginning Android", Wiley India Pvt Ltd
4. Android Application Development All in one for Dummies by Barry Burd, Edition:I