IVA063 - Advanced android App Development

Course outcomes:

- To write simple GUI applications,
- Use built-in widgets and components, work with the database to store data locally, and much more.

Syllabus:

UNIT I

Basics of Android

What is Android- History and Version- Installing soft wares- Setup Eclipse-Hello Android example-Internal Details-Dalvik VM-Software Stack-Android Core Building Blocks-Android Emulator- Android Manifest.xml-R.java file- Hide Title Bar-Screen Orientation

UNIT II

UI Widgets

Working with Button- Toast Custom Toast- Button-Toggle Button- Switch Check Box Alert Dialog- Spinner- Auto Complete Text View- Rating Bar- Date Picker-Time Picker Progress Bar - Quick Contact Budge Analog   Clock   and   Digital   Clock Working with hardware Button File Download

UNIT III

Animation

Android Animation API- Android Drawable class- Android Animation Example Android Rotate Animation- Android Fade Animation Android Zoom Animation.

Reference Text Books

1. Advanced Android™ Application Development, Fourth Edition