

Option 1: Android Apps Development

Apps designing

Java Programming

- Introduction of Java Programming
- Programming and Syntax of programming
- Implementing data types in programming
- Implementing Variables in program
- Implementing typecasting and type promotion.
- Implementing Operator in program
- Introduction of OOPS
- Implementing abstraction & encapsulation.
- Implementing static variable and function
- Implementing static polymorphism(function & constructor overloading
- Implementing Dynamic polymorphism(Abstract class,Interface)
- Implementing Inheritance
- Implementing Exception Handling
- Implementing Collection API utilities
- Implementing file Handling
- Implementing Thread Handling

ANDROID APPLICATION DEVELOPMENT

Activity Designing using Layouts

- Introduction of Android Technology
- Overview of Android Architecture
- SDK Installation in Eclipse
- Hello Android Testing Apps with AVD
- Implementing Android Layout Designing
- Implementing composite layout designing
- Implementing Event Delegation Model
- Implementing Intent in Activity
- Implementing Services in Activity

Advance controls to work on Activity

- Implementing Dialog in Activity
- Implementing List Activity
- Implementing Option Menu & Context Menu
- Implementing Tab Activity.
- Implementing Preferences in Activity
- Implementing Style and Themes
- Implementing Custom Controls Design

Advance Programming in Android

- Implementing Media API
- Implementing Web Interaction to download Files
- Implementing Web View controls in Activity
- Implementing Application Sharing technique.
- Implementing TextToSpeech API
- Implementing Transition in Activity
- Implementing SQLite database.
- Implementing debugging application technique
- Implementing Porting application on Mobile Phone.