

Android Apps Development

Duration: 4 Weeks

Concept of Core Java

- Basic Concept of OOPs.
- Overview of java Language.
- Decision making and Loops.
- Classes, Objects and methods.
- Inheritance
- Managing Errors and Exception.
- Threading.

Introduction to Android

- What is Android?
- Setting up Android Development Environment
- Android development Framework - Android-SDK, Eclipse
- Emulators – What is an Emulator / Android AVD ?
- Creating & setting up custom Android emulator
- Android Project Framework
- My First Android Application

Implementation Code of Android

- Text View
- Edit Text
- Button
- Image Button
- List View
- Grid View
- Custom List View
- Custom Grid View
- Spinner

Database

- Database Connectivity with SQLite.
- Insert, Fetch, Update, and Delete data in database in android.

Toast, Menu, Dialog, List and Adapters

- What is Menu?
- Custom Vs. System Menus
- Creating and Using Handset menu Button (Hardware)
- What are Android Themes? What is Dialog? How to create an Alter Dialog?
- What is Toast in Android?
- List & Adapters

Concept and Implementation of Google Cloud Messaging

Concept of Sign Apk

Concept of Git Hub Repository

Minor Project / Android App Development