



## **ANDROID**

### **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

### **Minor Project / Android App Development**