ANDROID

➢ **JAVA Concepts**
- OOPs Concepts
- Inheritance in detail
- Exception handling
- Packages & interfaces
- JVM
- Multi threading (Thread class & Runnable Interface) Forms

➢ **Basic Android Concepts**
- What is Android
- History and Version
- Installing software
- Setup Eclipse
- Hello Android example
- Internal Details
- Dalvik VM
- Software Stack
- Android Core Building Blocks
- Android Emulator
- AndroidManifest.xml
- R.java file
- Hide Title Bar
- Screen Orientation

➢ **UI Widgets**
- Working with Button
- Toast
- Custom Toast
- Button
- Toggle Button
- Switch Button
- Image Button
- Checkbox
- Alert Dialog
- Spinner
- AutoComplete TextView
- Rating Bar
- Date Picker
- Time Picker
- Progress Bar

- Quick Contact Budge
- Analog Clock and Digital Clock
- Working with hardware Button
- File Download

➢ **Activity, Intent & Fragment**
- Activity
- Activity Lifecycle and Example
- Implicit Intent
- Explicit Intent
- Fragment Lifecycle
- Fragment Example
- Dynamic Fragment

➢ **Android Menu**
- Option Menu
- Context Menu
- Popup Menu

➢ **Layout Manager**
- Relative Layout
- Linear Layout
- Table Layout
- Grid Layout

➢ **Adaptor**
- Array Adaptor
- Array List Adaptor
- Base Adaptor

➢ **Views**
- Grid View
- Web View
- Scroll View
- Search View
- Tab Host
- Dynamic List View
- Expanded List View

Advance Android

- **Advance Services**
  - Android Service
  - Android Service API
  - Android Started Service
  - Android Bound Service
  - Android Service Life Cycle
  - Android Service Example

- **Date Storage**
  - Shared Preferences
  - Internal Storage
  - External Storage

- **SQLite**
  - SQLite API
  - SQLite Spinner
  - SQLite List View

- **XML & JSON Parsing**
- **Content Provider**
- **Android Notification**
- **Multimedia**
- **Speech API**
- **Telephony API**
- **Location API**
- **Animation**
- **Device Connectivity**
- **Sensor**
- **Android Graphics**
- **Android P2P Communication**
- **Android Web Services**
- **Android Google Map**