

Android Apps 2days Workshop Course Contents

First Day: Glance of Android

➤ First Session

❖ Introduction Android

- Open Platform for Mobile Development
- Introduction to JAVA Why java
- Android Platform
- Why Develop for Android
- What Does Android Run On?
- Introduction to Android SDK
- Android SDK Features
- Introducing the Development Framework
- Android Architecture

❖ Android Software installation

- How to install java Jdk
- How to install Eclipse IDE
- How to install Android SDK
- How to install Android Plug ins

➤ Second Session

❖ How to Create Applications & Activities

- Introducing the Application Manifest
- Android Application Life Cycle
- Externalizing Resources
- Creating Resources

❖ How to Create User Interfaces

- Fundamental Android UI Design
- Introducing Views
- Introducing Layouts
-

❖ Practical Session

- How to create login program
- How to Use Different layouts

Second Day: Deep into Android

➤ First Session

❖ Introducing Intents

- Using Intents to Launch Activities
- Using Intents to Broadcast Events
- Introducing Adapters
- Android Graphics

❖ Threads & Async tasks

- UI(Main) thread Loppers
- handlers, event flow from system
- Writing threading programs Updating UI

❖ Practical Session

How to create A Music Player

➤ Second Session

❖ Introducing Content Providers

- Using Content Providers
- Using custom
- Native Android Content Providers

❖ Introducing Broadcast Receivers

- Creating a service
- Content Providers
- Broadcast Receivers
- Alarms manager

❖ Practical Session

How to create list View Apps

- ❖ Query Solving
- ❖ Remove Errors & debugging & Run the Application
- ❖ Apps Competition

Project to Be Covered:

- ❖ Login apps
- ❖ Music Player
- ❖ camera apps
- ❖ picture Animation