



# ANDROID COURSE CONTENT

## Introduction to Android

### ANDROID APPLICATION DEVELOPMENT TRAINING

Android is an open source Mobile operating system based on Linux Kernel and Developed by Google. It includes an OS, middleware and some key applications. The biggest advantage is that the success of Android depends on the availability of unique and engaging user applications created by developers

This training will help you to learn mobile app development from scratch and unlock new job opportunities for you in start-ups as well as large organizations. Through this training, you can master Android app development, learn how to set up Android Studio, understand Android architecture in detail, learn about integrating your mobile apps with Facebook, Twitter and other social media, Google Drive, Google Maps, SQLite and learn how to create and optimize app user experience.

## MODULES COVERED IN THE COURSE

### Basics of Android

- What is Android
- History and Version
- Installing softwares
- 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
- AlertDialog
- Spinner
- AutoCompleteTextView
- RatingBar
- DatePicker
- TimePicker
- ProgressBar
- Quick Contact Budge
- Analog Clock and Digital Clock
- Working with hardware Button
- File Download

## **Activity, Intent and Fragment**

- Activity Lifecycle
- Activity 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
- ArrayList Adaptor
- Base Adaptor

## **View**

- GridView
- WebView
- ScrollView
- SearchView
- TabHost
- DynamicListView
- ExpandedListView

## **ANDROID TRAINING FEATURES**

- Small Batch Size
- Trainer having 9+ year Industrial Experience .
- Special Focus on Practical
- 2 hours of session per day
- 5 Days for Revision of JAVA, 40 days of Android and 15 days of Project

## **Android Training Schedule**

**Regular Batch ( Monday to Friday), Timings : Morning & Evening shift**

**Weekend Training Batch also available on Saturday, Sunday & Holidays**

## **Student Benefits**

- Hands on Project Experience exposures in the Lab session
- Real Time case studies to practice
- Free Technical Support after Course Completion
- Back up Classes Available
- LAB Facility
- Free Wifi to learn subject
- Latest Study Material

## **Our Trainers**

- More than 10 Years of experience in PHP Technologies
- Has worked on multiple realtime PHP projects
- Strong Theoretical & Practical Knowledge

## **Our Android Placements / Training Records in Lucknow**

- Placement Assistance
- 92% percent Placement Record

### **Course Duration : 2 months**

Mini Project : Project would be allotted to a student which has to be submitted with project documentations and reports. Viva would be conducted for the project for successfully completion of the course.

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## **CONTACT US**

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