

ANDROID

This course introduces mobile application development for the Android platform. Android is a software stack for mobile devices that includes an operating system, middleware and key applications.

The Android SDK provides the tools and APIs necessary to begin developing applications on the Android platform using the Java programming language. Students will learn skills for creating and deploying Android applications, with particular emphasis on software engineering topics including software architecture, software process, usability, and deployment.

→ A Basic, intermediate, and advanced Android programming concepts.

→ Extensive Android coding experience, through hands-on assignments

→ Learn about integration with APIs, sensors and Google maps

→ One week of interview preparation with 2 in-depth mock technical interviews



Developing Mobile

Application with

Android Platform

Android Apps Development is a very demanding Career Option

CORE JAVA

- Introduction to Java programming
- OOPS with Java Classes
- Datatype & Variables
- Operators & Expressions
- Control Flow
- Objects
- Polymorphism in Java
- Inheritance
- Exception handling with try
- The Object class
- Working with types: Wrapper classes
- Packages
- Applets
- Basics of AWT and Swing
- Threads
- The I/O Package
- Basic concepts of networking
- Database connectivity with JDBC



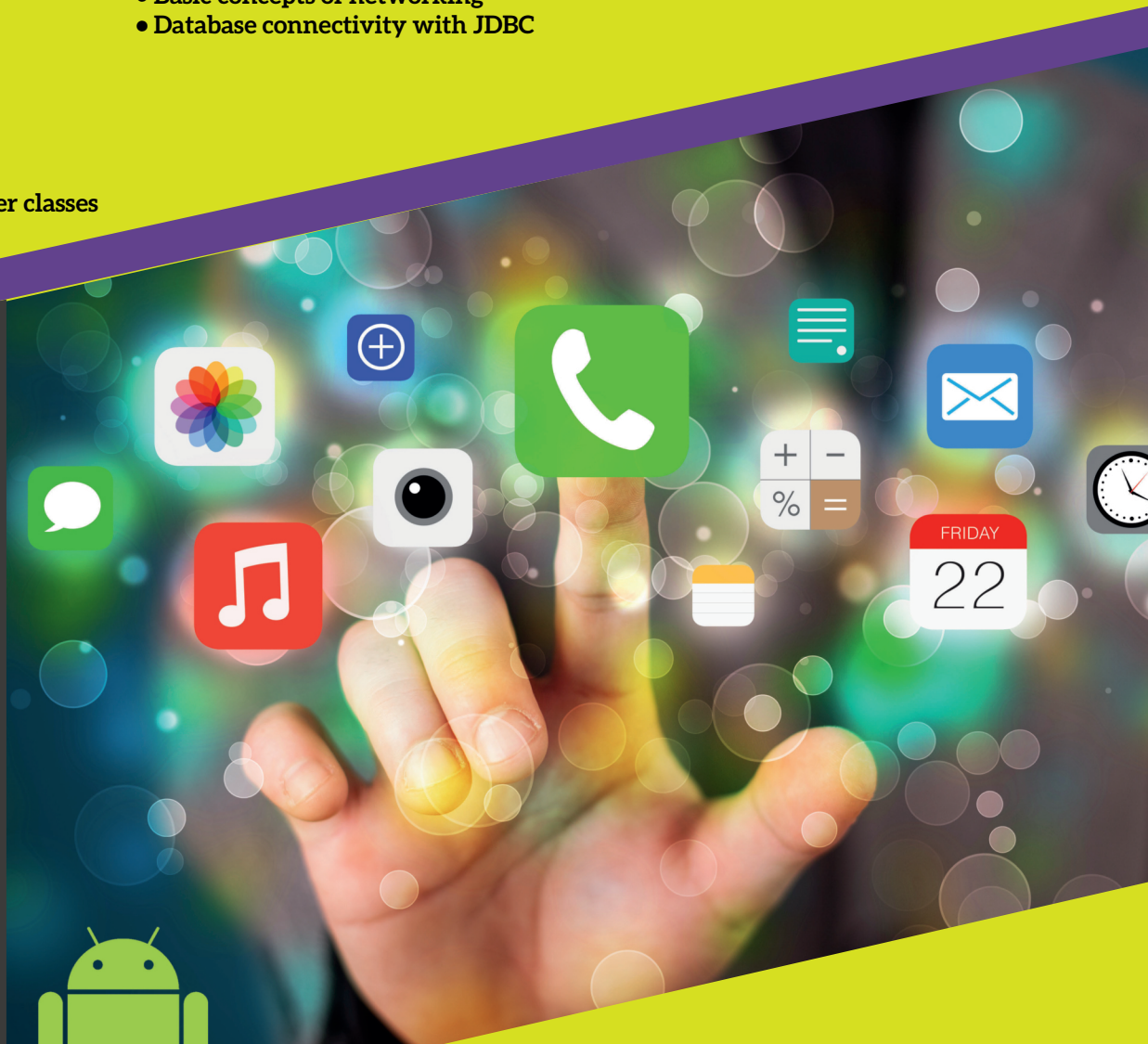
The great thing about being an Android developer is you can start by working for yourself. Once you start building your portfolio of applications, you can submit them to a LinkedIn profile and start publicizing yourself. The key is to keep developing and don't get discouraged by low ratings or lack of downloads. Be intentional about what kind of app you develop so that it teaches you part of the framework. There's a lot of demand for Android devs, but you should have a few projects to show.



This is your first place for learning, I know this training is not a simple way to learn but it will give you much deep and detailed knowledge about every component. If you want to be good at Android you should go training.

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- Introduction to Android
- Android Architecture Overview
- Setup of Android Development Environment
- Your Android Application
- Your First Android Application
- Publishing to the Play Store
- Activities
- Android Testing
- Fragments
- User Interfaces
- Advanced UI
- Android Material Design
- Resources
- Broadcast Receivers
- Background Services
- Intents, Storing
- Retrieving Data
- SQLite Database
- Native Content Providers
- Custom Content Providers
- Web Services, Telephony
- Parsing, Parsers
- Location Based Services
- Integrating Google Maps
- Multimedia in Android
- Bluetooth
- Social Networking Integrations
- Debugging and Testing Android Apps



Why are BIT training important?

At a time when online tutorials are the order of the day, why would anyone opt to enroll in a training institute for Android programming? BIT Training institutes help you have a wider view of the whole process. The live training experience helps you exercise your creative skills practically, which is essentially required to gain proficiency in Android programming. Since Android application development is a new domain, classroom training makes it a holistic experience for all those who want to acquire the know-how about the subject.