

ANDROID

DURATION OF TRAINING: 40HRS.
BATCH TYPE: WEEKDAYS/ WEEKENDS
MODE OF TRAINING: CLASSROOM/ ONLINE/
CORPORATE TRAINING





Beginners


- Overview of OOPS concepts
 - An Introduction to Android – its scope
 - Setting up the build environment (Android Studio/ Gradle)
 - Creating an avd
 - Android Architecture
 - Android building blocks
 - a. Activity
 - b. Broadcast Receiver
 - c. Content Provider
 - d. Service
 - e. Intents
 - Hello Android
 - Android Application structure: all folders of a typical android
 - Application
 - Basic UI
 - Fragments
 - Sqlite Database
 - Handlers
 - AsyncTask
 - Notifications
 - Options Menu
 - Context Menu
 - ActionBar
 - Dialog Box
 - Shared Preferences
 - Internal and External storage
 - Localization
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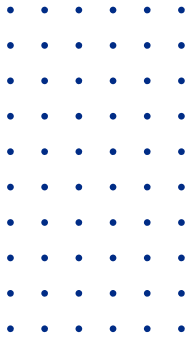


Intermediate

- Styles and themes
- Custom adapters
- Custom Views (Eg: Create a dial widget)
- Json/XML parsing
- Android Build Tools
- Location Based Services
- Multimedia
- Alarm Manager
- Animations
- Signing an apk and uploading it to Google Play

Advance

- Design accessibility compliant UI
 - GCM (Google Cloud Messaging)
 - In App Purchase
 - Home screen widgets
 - Security (Different security algorithms, best for mobile apps, encrypting & decrypting text, encrypting & decrypting a file)
 - TTS
 - Sensor manager
 - Telephony manager
 - Bluetooth
 - Integrate facebook/twitter into app
 - Build the android source code (on Linux)
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PUNE | BANGALORE | KERALA | UK
PUNE - (AUNDH, KHARADI & HINJEWADI)
KERALA - (CALICUT, KOCHI &
TRIVANDRUM)

