

Prutor@IITK



Android App Development

Android is dominating smartphones and we are living in a world where smartphones are ruling the technology world. Through an Android app developer, you can make your future career grow in a better way.

- The scope of development in Android programming is getting smarter with smartphones.
- When smartphones are getting smarter, the scope of development in Android is sure to touch great heights.

For applying for a job Android App Developer certificate is considered one of the most needed certifications.

Training Highlights

- Learn from home
- Certificate of TrainingOnline Live Classes

Faculty Support

- 4 weeks of trainingDoubt clearing
- Syllabus
- 2 weeks of project work

How will your training work?

- Attend Online Classes
- Learn with Hands-on practical •
- Do the project work
- Give the final quiz
 Get a certificate in Android
 - with Core Java

What projects you can build?

- Currency Converter
- Weather Conditions
- WebApp Application
- Building Timer

Course Curriculum

- Introduction of Android
- Installation of Android Studio
- Using Source Code File

Android User Interface

- UI Layouts and Controls
- UI Design using XML Code

- Monetize Application for Google
- Notification Application
- 13 More Projects...
- and also directly through java code
- Implementing Interface on Activity
- Activity and UI

Apply Now

Fragment and List View

• Create an App using List View

Views

- Introduction of ImageView
- Android User Permissions
- Http URL Connection
- AsyncTask
- Progress Dialog
- Toast

Multithreading

AsyncTask

Handler

- Google Map Services

 User Interface Design (Relative Layout)
- Open Weather Map APIs
- APIs Request
- JSON Parsing
- Create a Weather

Conditions App Data Storage

- ata storage
- IntroductionRealm Application

WebView

- Introduction to WebView
- Creating a Web App
- Building a News Application

Notifications

- Introduction to Notification
- Local Notification
- Working with Push Notifications

Working with Shared

Preferences

- Working with List Preference
- Understanding EditText Preference
- Handling Location Preferences change
- Getting Location from Shared Preferences

Intent Filters and

BroadcastReceiver

- Introduction Intent FiltersWorking with Intent
- FiltersIntroduction
- BroadcastReceiver
 Working with
- BroadcastReceiver
 Run the Caller App

• Run Services

Introduction to Services

Or click here to apply

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- Working with Services
- Intro to Intent Services

• Working with Intent Service Working With Camera

- Modifying Media Helper
- Working with Video
- Recording App
 Material Design
- Introduction to Tob and bottom bars
- Working with Snackbar Floating Action Button
- Creating Buttons
- Creating Bottom Navigation
- Working with Datatables
- Working with Table Layouts to HTM

Internal & External Storage

Internal Storage

AdMob

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Ads

Content Provider

ListView

Provider

Update

Bluetooth API

API

Animations

Animation

Map Type

- Handling Runtime
 Permissions
- Working With Permission

Basics Firebase Admob

Integrating Firebase Admob

Working with Banner Ads

Working with Interstitial

Basics Content Provider

Working With Contacts

Introduction Loader API

Creating Cursor Loader

Creating a Content Provider

Writing Query To Content

Introduction Google Maps

Adding Runtime Permission

Running Request Location

Introduction of Bluetooth

Scanning Nearby Devices

Working With XML, Frame,

Loading Contacts In

Location API & Google Maps

Running Application

Working With Maps

Listing Paired Device

Content Provider

 Saving File to External Storage
Monetize App for Google