

# Advance Android with Kotlin

(Duration-2 Months)

## 1. Refreshing Kotlin

- a. OOPs Concepts
- b. Inheritance in detail
- c. Exception handling
- d. Packages & interfaces
- e. Functions
- f. ArrayList

## 2. Parsing data

- a. JSON Parsing
- b. Xml Parsing

## 3. Location and Maps

- a. Location API
- b. Google Map
- c. Geo Coding
- d. Reverse Geocoding

## 4. Accessing Phone services (Call, SMS, MMS)

## 5. Creating slideshow

## 6. Firebase

- a. Firebase Authentication
- b. Realtime Database
- c. Cloud Messaging/Push Notification

## 7. Web services Integration

## 8. Sliding menu using navigation drawer

## 9. Bottom Navigation Menu

## 10. Play Youtube Video in app

## 11. Localization- Creating App for multiple language support

## 12. Various integration

- a. facebook integration
- b. Google integration
- c. Twitter Integration

## 13. App monetization (google Admob)

- a. Banner Ads

- b. Interstitial Ads
- c. Rewards Ads

**14.Payment Gateway for Ecommerce app**

- a. Paypal integration
- b. Razorpay Integration

**15.Project Offered:**

- a. Tour Guide of Bihar
- b. Pay For Indian Army
- c. Quiz App
- d. Image Gallery App
- e. Flashlight App

