

Advanced Android

1. Refreshing Java	2H
<ul style="list-style-type: none"> ♣ OOPs Concepts ♣ Inheritance in detail ♣ Exception handling ♣ Packages & interfaces ♣ JVM & .jar file extension ♣ Multi threading (Thread class & Runnable Interface) ♣ Collections – HashTable, Vector, List, ArrayList,HashMap 	
2. Parsing data	2H
<ul style="list-style-type: none"> ◆ JSON Parsing ◆ Xml Parsing 	
3. Location and Maps	4H
<ul style="list-style-type: none"> ❖ Location API ❖ Google Map ❖ Geo Coding ❖ Reverse Geocoding 	
4. Accessing Phone services (Call, SMS, MMS)	1H
5. Creating slideshow	1H
6. Firebase	4h
<ul style="list-style-type: none"> ● Firebase Authentication ● Realtime Database ● Cloud Messaging/Push Notification 	
7. web services Integration	2H
8. Sliding menu using navigation drawer	1H
9. Fingerprint Authentication	2H
10.Play Youtube Video in app	1H

11. Localization- Creating App for multiple language support	2H
12. Various integration	3H
<ul style="list-style-type: none">• facebook integration• Google integration• Twitter integration	
13. App monetization(google Admob)	2H
<ul style="list-style-type: none">• Banner Ads• Interstitial Ads• Rewards Ads	
14. Payment Gateway for Ecommerce app	3H
<ul style="list-style-type: none">• Paypal integration• Razorpay Integration	
15. Android Jetpack	5H
<ul style="list-style-type: none">• Data Binding• Life Cycles• Live Data• Navigations	
16. <u>Project Offered:</u>	10h
<ul style="list-style-type: none">• Tour Guide of Bihar• Pay For Indian Army• Quiz App• Image Gallery App• Flashlight App• Ecommerce App	