



PRESENTS

“Winter Internship Program”

Android Apps Development

Duration 7 Days

Kit Partner

ROBOMART.com

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Course Name : **Android Apps Development**
Certification : By Robosapiens Technologies Pvt. Ltd.
Fee : ` 5900/- Only (Including All Taxes)
LIVE Projects Covered : **MORE THAN 20 Projects** Covered in 7 Days

Detailed Course Content

1. Introduction to Android

- 1.1. What is Android?
- 1.2. History of Android and other mobile OS.
- 1.3. Advantage of Android over other smart phones.
- 1.4. Why Android is "THE BEST"?
- 1.5. Future of Android.

2. Android Architecture

- 2.1. Internals of Android Architecture
- 2.2. What is DVM?
- 2.3. Difference between DVM and JVM.

3. Android Developer Tools

- 3.1. Android SDK
- 3.2. Java JDK
- 3.3. Eclipse IDE

4. Java-The Prerequisite language

- 4.1. Why Java?
- 4.2. Introduction to OOPS.

5. Hello World – Your first Android Application

- 5.1. What is an Android Application?
- 5.2. What is '.apk' file?
- 5.3. What is Android Manifest File?
- 5.4. Importance of Android Manifest File.
- 5.5. What is R.java .

6. Front End Development

- 6.1. What is front-end development?
- 6.2. Difference between front-end and back-end development.
- 6.3. Understanding of Layouts.
- 6.4. Use of different Widgets

7. Activities

- 7.1. What is an Activity in Android?
- 7.2. Activity Life Cycle and its phases.

8. Intent

- 8.1. What is an Intent?
- 8.2. Importance of Intent?


9. Services

- 9.1. What is a Service?
- 9.2. Importance of Service.

LIVE Projects Covered

1. Setting up Android Environment
2. Setting up the virtual Emulator
3. Project Polymorphism
4. Project Inheritance
5. Project Encapsulation
6. Creating an Android Project on Eclipse.
7. Live Project 7: Building Blocks of Android Project.
8. Live Project 8: Running Android Apps in Virtual Emulators.
9. Live Project 9: Running Android Apps in Smart Phone.
10. The Button Project.
11. The Calculator.
12. Demonstration of Activity Life Cycle.
13. The Toast
14. The Progress Bar.
15. Intent-A jump from one page to other.
16. Implicit Intent Project.
17. Splash.
18. Music Player.
19. SMS.
20. Text to Speech.
21. Login Page.

7 Days KIT Contains

S. No.	Name of the Component	Quantity	Figure
1	Robosapien's Educational and Software Material CD	1	

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