



ASSOCIATE WITH



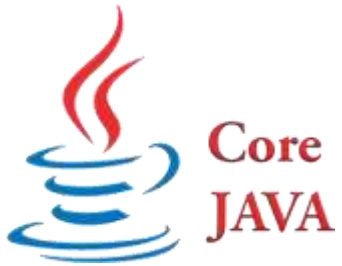
MOBILE APPLICATION DEVELOPMENT

ANDROID APP DEVELOPMENT SYLLABUS

DURATION – 3 . 5 MONTHS

MODE OF TRAINING – OFFLINE/ONLINE ()

For More Info Call :+91 – 9623922545



Core Java -

- Introduction to Java
- Installation of Java in windows
- Data Types and Operators
- String , String Buffer, String Builder with Interview
- Questions
- First Java Program enhanced - for , do - while
- Introduction to Class , Object
- Control Statements (for, for - each, etc.)
- Array (Single Dimension, Multi - Dimension), Array
- Interview Questions



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Core Java -

- Introduction to blocks and methods
- Object Oriented Programming Concepts
- Abstraction
- Encapsulation
- Polymorphism
- Data Hiding
- Inheritance
- Introduction to HashMap, Linked Hash Map, Tree Map
- Iterator in Collection
- Comparable and Comparator



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Android App Development -

- **Basics of Android**

Origin

Use

Installation

Frameworks

Paid sources v/s Unpaid Sources

- **Programming Fundamentals**

Variables

Data Types

Naming Conventions

Permissions

Manifest



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Android App Development -

- **Widgets**

Buttons

Toast

Custom Toast

Toggle Button

Rating Bar

Date and Time Picker

Progress Bar

- **Activity**

Activity Lifecycle

Examples

Intents

Example with intents.

- **Fragments**

Fragment Lifecycle

Examples

Dynamic Fragment

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Android Game Development -



- **Basic Game Development**

Tic Tac Toe game

Math Game

- **Data Storage**

Internal Storage

External Storage

Shared Preferences

SQLite

- **Basics of Android**

Creating Audio and Video Player

Camera access example

Camera pro development

- **Maps**

Track Location and display on maps

Distance calculation between two locations

Live tracking on standalone device (Google Maps)

Live tracking using both devices (Uber and Ola concept)



Android App Development -

- **Sensors**

Proximity

Motion

Compass

Fingerprintz

Gyroscope

Accelerometer

Examples

- **Firebase**

Creation of online database

Use and flow of CRUD operations

Chat Application

Instagram application

Examples



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Android App Development-

- Kinvey Database
 - Integration
 - Message Service
 - Web services
 - Game development
 - Crucial Application Development
- **Android Wear Development Mini Course**



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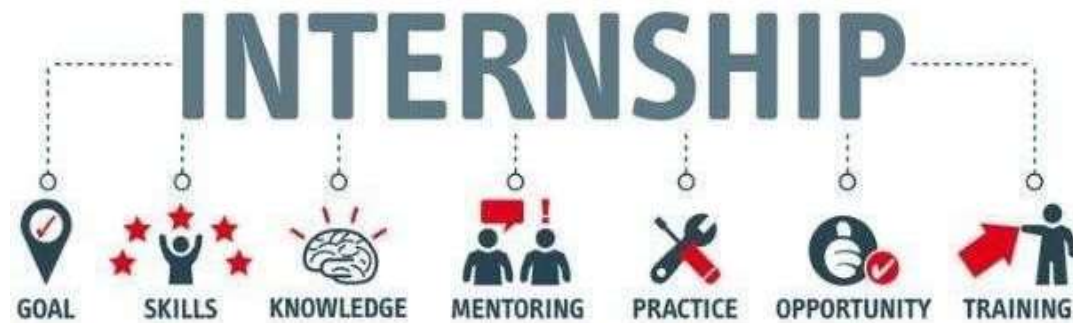
Key Feature



- Trainer with 12+ Years of Experience
- 200 hours of high-quality course
- Best Quality Training
- Live Project Experience
- Demo Lectures are available
- In-depth Course Contents
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Internship Program!



UNDER





THANK YOU

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