



Course: Android

Duration: 60 Hrs (Changeable) | Fees: Individual / Batch

Since 2007, Nestsoft TechnoMaster has been providing training, internships, and services in IT technologies, both online and offline, with the expertise of over 250 industry experts. We have delivered internships, training, and seminars to more than 50,000 students, resulting in numerous success stories. We offer 100% placement support through JobsNEAR.in

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- Angular JS, React JS
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- Odoo, SalesForce, Sap
- Microsoft Excel
- Ethical Hacking



Syllabus on the Next Page ..



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Getting Started with Kotlin

- * Define Kotlin
- * Environment Setup
- * First Program Concept
- * Kotlin Variable and Data Type
- * Kotlin Type Conversion
- * Kotlin Operator
- * Input/Output

Control Flow

- * if Expression
- * when Expression
- * for Loop and while Loop
- * Do while Loop
- * Return and Jump
- * Continue Structure

Exploring Kotlin Functions

- * Kotlin Function
- * Recursion Function
- * Default and Named Argument
- * Kotlin Lambdas
- * Higher-Order Function
- * Kotlin Inline Function

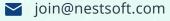
Exception Handling

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- * Kotlin Try Catch
- Multiple Catch Block
- * Nested Try Block
- Kotlin Finally Block
- * Kotlin Throw Keyword

Overview of Collections

- * Mutable Array
- **Kotlin Collections**
- * List: listOf()
- * mutableListOf()
- * Kotlin ArrayList
- * arrayListOf()
- Map: mapOf()
- * Kotlin HashMap
- * hashMapOf() and mutableMapOf()
- Set: setOf()
- * mutableSetOf() and hashSetOf()

Exploring Kotlin OOPs

- * Class and Object
- * Nested and Inner Class
- * Kotlin Constructor
- * Visibility Modifier

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- * Kotlin Inheritance
- **Abstract Class**
- * Kotlin Interface
- **Data and Sealed Class**
- **Extension Function**
- * Kotlin Generics

Introduction to Ranges

- * Integer Type Range
- * Working Ranges
- * Utility Function

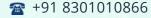
Get Started with Kotlin Android

- * Install Android Studio
- * Hello World App
- * Android TextView and EditText
- * Kotlin Android Toast
- * Android Button and Custom Toast
- * Android Explicit and Implicit Intent
- * Android ListView and AlertDialog
- Android Context Menu and Custom ListView
- * Android Options Menu and Android Popup Menu
- * Android WebView and SeekBar
- * TabLayout with FrameLayout and ViewPager

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- * XML Parsing using DOM Parser and SAX Parsers
- * Android XMLPullParser

(Click on Course for more details)

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- Thank You -

N.B:This syllabus is not final and can be customized as per requirements / updates.

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