



CERTIFICATE IN ANDROID WITH FLUTTER

DURATION: 90 Hours

TOTAL CREDITS: 3

COURSE SYLLABUS

Objective

The **Certificate Course in Android with Flutter** enables the trainees to cross-platform mobile applications using Flutter framework and also will gain knowledge to develop web applications using Dart.

Exit Profile

- Knowledge on Android Studio and Java Deep Dive
- Knowledge on Dart Programming
- Knowledge on Android development with flutter

Career Path

- Android Trainer
- Dart Programmer
- Flutter Developer

Course Outline

Course Name:	CERTIFICATE IN ANDROID WITH FLUTTER	Duration:	90 H
Module	Topic	Dur.	Total Dur.
I	Android Studio	18 H	90 H
	Dart Programming	36 H	
	Mobile Application Programming using Flutter	36 H	

Course in Detail

MODULE-1

ANDROID STUDIO

- Introduction to Android Studio
- Java Deep Dive
- Android Material Design
- Networking, APIs & JSON

DART

- Introduction to Dart Programming
- Features of dart
- Working with Dart
- Type Safety in Dart
- Conditional Structures
- Loops
- Functions
- String Manipulation
- Collection Data Types in Dart
- OOPS Concepts
- Exceptions

FLUTTER

- Introduction to Flutter
- Flutter Architecture
- Flutter Basics
- Flutter Widgets
- Animations
- Connecting Databases to Flutter
- Testing