

FULL CURRICULUM • 2026

Flutter

Build beautiful apps for every device from a single codebase.

Every module, every lesson — the complete syllabus, end to end.

15

MODULES

156

LESSONS

5

MONTHS

₹20,000

FULL PROGRAMME

What this course covers

1

Level 1 • Beginner

Introduction · Installation and setup · Flutter Foundations Widgets, Layouts & More

1 month · 4 modules · 24 lessons · ₹5,000

2

Level 2 • Intermediate

Hands On Flutter Project Journal App · Running & Debugging Flutter Apps · Build a Meal Recipe App
Explore, Like & Learn

2 months · 5 modules · 58 lessons · ₹6,500

3

Level 3 • Advanced

Flutter Animation Essentials · Flutter Practical utilities · Working with APIs

2 months · 6 modules · 74 lessons · ₹8,500

The whole journey

This is the complete syllabus for Flutter — 15 modules and 156 lessons, in the order you will learn them. The level markers show how far each stage carries you, but the curriculum runs as one continuous path from the first lesson to the last.

1

LEVEL 1

Beginner

Introduction · Installation and setup · Flutter Foundations Widgets, Layouts & More

1 month · 4 modules · 24 lessons · ₹5,000

1. Introduction

2 lessons

- Introduction to the course
- Flutter Foundations Why Flutter & Why Dart

2. Installation and setup

3 lessons

- Flutter Installation on windows
- Setup vscode
- Android Studio Installation

3. Dart & OOP Fundamentals Building Blocks of Flutter

9 lessons

- Dart Basics Variables & Data Types
- Collections in Dart Lists & Maps
- Decision Making in Dart If Else
- Loops in Dart For & While
- Functions in Dart Reusable Code Made Easy
- OOP in Dart (Part 1) Classes & Objects
- OOP in Dart (Part 2)
- Here is all about Final const & var
- Enums in Dart Smarter Constant Choices

4. Flutter Foundations Widgets, Layouts & More

10 lessons

- Your First Flutter App Create & Run
- Understanding Flutter Project Files & Directories
- Your First Flutter App Create & Run
- From Widgets to Widget Tree The Heart of Flutter
- Hello World Your First Flutter UI
- Custom Widgets & File Organization Writing Clean Flutter Code
- BuildContext & Keys The Backbone of Flutter Widgets
- Flutter Container Widget The Basics & Styling
- Flutter Column Widget Arranging Widgets Vertically
- Flutter Row Widget Arranging Widgets Horizontally

Intermediate

Hands On Flutter Project Journal App · Running & Debugging Flutter Apps · Build a Meal Recipe App
Explore, Like & Learn

2 months · 5 modules · 58 lessons · ₹6,500

5. Build Your First Flutter App Random Quote Generator 10 lessons

- Task 01
- Task 01 solution
- Stateful widget
- Coding ui
- Concept of padding
- Introduction to buttons
- Datastructure to store quotes
- setState method
- Optimizations in app
- Practice Task

6. Hands On Flutter Project Journal App 16 lessons

- Welcome & Section Overview
- Flutter Scrolling Basics
- Dynamic Lists with ListView & Builder
- Why Listview builder
- Creating Stylish Cards in Flutter
- Floating Action Button (FAB) in Flutter
- Bottom Sheet Implementation
- Text Input Fields & Forms
- Navigation & Back Actions in Flutter
- Data Modeling & Best Practices
- Storing Data Locally
- Writing Save Functions
- Debugging & Passing Functions as Parameters
- Debugging Tools & Tips
- Using Pub.dev & intl Package
- Section Summary & Key Takeaways

7. Running & Debugging Flutter Apps 3 lessons

- Building APKs & Cleaning the Project
- Running on Real Device Debugging with Android Studio
- Running on Real Device Debugging with VS Code

8. Build a Meal Recipe App Explore, Like & Learn 21 lessons

- Introduction to Meal Recipe App
- ThemeData in Flutter Styling the App
- Using GridView for Layouts
- List.generate Dynamic List Creation
- Task 01 Practice Challenge
- Adding Data & Building UI Elements
- Summary & Recap Video
- InkWell Widget Adding Tap Interactions
- Creating a New Screen
- Meals Data Model Explained
- Coding the Meals Data Model
- Adding Dummy Data for Meals
- Passing Data Between Screens
- Filtering the Meals List
- Displaying Images in Flutter
- Stack Widget Introduction
- Coding Meal Card UI (Part 1)
- Coding Meal Card UI (Part 2)
- Solution & Task Review
- Adding Meal Detail Screen (Part 1)
- Coding Meal Detail Screen (Part 2)



9. Flutter State Management

8 lessons

- Introduction to State Management in Flutter
- Adding Bottom Navigation with State Management
- Implementing Like Favorite Feature
- Creating and Using a Favorites Provider
- Using Provider in the Favorites Screen
- Coding the Favorites Screen
- Scaffold Messenger Showing Snackbars & Messages
- Task & Section Summary

3

LEVEL 3

Advanced

Flutter Animation Essentials · Flutter Practical utilities · Working with APIs

2 months · 6 modules · 74 lessons · ₹8,500



10. Flutter Animation Essentials

5 lessons

- Why Animations & types of animations
- Hero animation
- Animated Switcher
- Explicit animation
- Using 3rd party animations



11. Flutter Practical utilities

14 lessons

- Introduction to new Project
- Using Alert Dialog & SharedPreferences (Basics)
- Hands-on with SharedPreferences (Practical)
- Building Forms in Flutter (Step by Step)
- Adding Image Picker (Select & Upload Images)mp4
- Adding a Save Button (UI Functionality)
- State Management with Provider (Riverpod)
- Save Functionality & Form Validation
- Final Touches & App Completion
- Understanding MediaQuery (Responsive Design Basics)
- MediaQuery in Action (HandsOn)
- Handling Screen Orientation (Responsive Layouts)
- Detecting Platform (Android iOS Web)
- Section Summary & Next Steps



12. Working with APIs

16 lessons

- What is API & HTTP
- Asynchronous programming
- Getting api key of weather
- Coding datamodel
- Adding weather states
- Weather provider
- Using http package
- Json data to dart data model
- Throw exception
- Finishing the provider code
- Coding ui
- Adding weather card
- Showing grid view
- Running on android
- Running on chrome
- Layout builder

13. Backend

25 lessons

- Backend and Database Basics
- Firebase console overview
- Firebase cli installation in macos
- Firebase CLI installation Windows
- Connecting flutter app with firebase
- Understanding code created by CLI
- Using auth service
- Adding state provider
- Auth wrapper a security gateway
- All about Pod IOS
- Adding responsive widget
- Adding Text from fields
- Adding submit function
- Discussing about the error
- Adding register screen
- All about firestore[DataBase]
- Query the firestore like this.
- Adding logout button
- Firebase exception class
- All about Factory constructor in data model
- Journal entry services
- Important TASK
- Solution of the important task
- Calling provider in the screen
- Fixing the UserID error

14. Push Notification

13 lessons

- Introduction to Push Notification
- Introduction to FCM
- Lets setup the project
- Authenticatoin-service
- Getting Access token for API
- Implementing send notification logic
- Coding send notification screen & handlers
- Initialize notification android
- Setup FCM and listen notifcation
- Fix Push Notifications Android Folder Settings for Flutter FCM
- IMPORTANT Bug fix in URI
- What is Darwin And its settings
- Learn to add App icon & app name

15. What next ?

1 lessons

- what to do next

Certificates & what comes next

You receive a certificate at the end of every level you finish. Join for a single level or the full programme — the choice is yours. Learners who stand out may be invited to work on live client projects as interns; these places are merit-based, limited, and depend on projects being available.