

About Us

Adacode Solutions excels in innovative software solutions, specializing in IoT, Robotics, Cloud, Data Science, and more. Trust us as your partner for cutting-edge solutions, shaping the future of technology.

We Provide

- Scholarship for Students
- **Education Loan**
- Life time Placement Support
- **Online and Offline Classes**
- Life time Access to course Materials

Call us for more info



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Industrial Experts

Developing and executing strategies that stimulate business expansion.



100% Genuine Placements

In-depth market analysis and competitive intelligence.



Interview Assistance

Talent management, leadership development, and HR strategy.



Collage Project Assistance

Optimizing financial performance, budgeting, and forecasting.



Aptitude Practice Sessions

Streamlining processes and improving operational effectiveness.



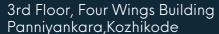
English Training

Leveraging technology for efficiency and competitive advantage.



Soft Skill Sessions

Leveraging technology for efficiency and competitive advantage.







Who Should Join This Course

- Students who are looking for their 1st Job
- Professionals who are working on **Android/IOS Applications**
- Anyone who is interested in becoming a flutter app developer

Course Details

Duration: 6-8 Months

11 Modules

Unlimited Lab Access

Final Project

Project Certificates

Course Certificates

English Training Sessions

Monthly Mock Interview Sessions

IEEE Certified Projects

Course Content

- Introduction to Flutter and Dart
- Dart Programming Language
- Flutter Widgets and UI Design
- Flutter Layouts
- State Management in Flutter
- Advanced State Management
- Networking and Data Management
- Local Data Persistence
- Advanced Flutter Topics
- Testing and Deploying
- Advanced Topics

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Syllabus

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Introduction to Flutter and Dart

- Understanding the basics of Flutter - Installing Flutter and setting up the development environment
 - Creating your first Flutter app

Dart Programming Language

- Introduction to Dart language syntax and features - Data types, variables, and control flow in Dart - Functions and classes in Dart

Flutter Widgets and UI Design

- Exploring Flutter's widget system - Stateless and stateful widgets - Commonly used widgets (Text, Image, Row, Column,

Flutter Layouts

- Understanding layout concepts in Flutter - Working with different layout widgets (Container, Column, Row, Stack, etc.)
 - Responsive design and handling screen sizes

State Management in Flutter

- Introduction to state and its management in Flutter - SetState and its usage
 - InheritedWidget and Provider for simple state management

Advanced State Management

- Exploring state management libraries (Riverpod, Bloc, MobX, etc.)
- Implementing state management in larger applications
 - Best practices for state management

Networking and Data Management

- Making API requests with Dart's 'http' package
 - Handling JSON data in Flutter
- Error handling and async programming in Dart

Local Data Persistence

- Introduction to SQLite and other local databases
- Using packages for data persistence (sqflite, hive, etc.)
- Managing local storage in Flutter

Advanced Flutter Topics

- Navigation basics in Flutter
- Deep linking and route management
 - Navigation with named routes
 - Basic animations in Flutter
 - Custom animations with

Flutter's animation framework

- Introduction to custom painting in Flutter

Testing, Deployment, and Advanced Topics

- Writing unit tests for Flutter apps
- Widget testing and integration testing
 - Test-driven development (TDD) in Flutter
 - Deploying Flutter apps to iOS and Android
- Advanced topics (Platform Channels, Flutter Web, Flutter Desktop)
- Best practices and code optimization



