



Dart Programming Program

Master Dart – The Language Powering Flutter & Cross-Platform Mobile Interfaces

Dart is a modern, object-oriented programming language developed by Google, used to create fast, scalable, and responsive mobile applications—especially with Flutter.

At **Certed Technologies**, our **Dart Program** is designed for aspiring mobile developers who want to build strong programming fundamentals and fluency in Dart to confidently transition into **Flutter and cross-platform mobile ecosystems**.



Why Dart? Why Now?

Dart has emerged as one of the fastest-growing languages in mobile development, thanks to its **tight integration with Flutter, ahead-of-time (AOT) compilation, and UI-friendly syntax**.

If you're building for Android, iOS, or web using a single language and want clean, reusable, and scalable logic—**Dart is the way forward**.



Learn from Dart Experts & Flutter Engineers

Our trainers include developers with real-world Flutter and Dart experience, having built and deployed cross-platform apps using modern Dart practices. You'll learn the syntax, tools, and architecture behind every successful Flutter app.



Program Highlights

Feature	Description
Duration	2–3 Months / 120+ Hours
Delivery Mode	Hybrid (Online + Offline)
Tools & Platforms	DartPad, VS Code, Flutter SDK, GitHub
Project Work	3+ Dart Projects + 1 Integration Project with Flutter

Certifications Industry-Recognized + Dart Developer Badge

Career Support Resume Reviews, GitHub Portfolios, Flutter Bridge Mentorship

What You'll Learn

Module 1: Introduction to Dart

- Dart Setup & IDE Configuration
- Variables, Data Types, Functions
- Control Flow: If, Switch, Loops

Module 2: Object-Oriented Programming in Dart

- Classes, Constructors, Inheritance
- Interfaces, Mixins, Abstract Classes
- Method Overriding & Polymorphism

Module 3: Collections & Functional Programming

- Lists, Sets, Maps
- Higher-Order Functions, Lambdas
- Iterable & Stream APIs

Module 4: Error Handling, Packages & Testing

- Try/Catch, Custom Exceptions
- Using Dart Packages (pub.dev)
- Unit Testing with `test` package

Module 5: Async Programming & File I/O

- Futures, async/await
- Stream Handling
- File Read/Write (Local I/O)

Module 6: Project – Dart + Flutter Bridge

- Build a Logic-Driven Module (e.g., Calculator, Weather Engine)
 - Integrate Dart into a Simple Flutter UI
 - Structure App Logic Separately from UI
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Who Should Enroll?

Perfect for:

- CS/IT/BCA/MCA Students aiming for Flutter-based mobile careers
 - Web or JavaScript developers building cross-platform logic
 - Beginner programmers focusing on clean syntax & backend-ready logic
 - Engineers transitioning into Dart + Flutter stack
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Career Outcomes

After this course, learners will be positioned for:

- Flutter Developer (with Dart proficiency)
- Cross-Platform App Logic Engineer

- Dart Programmer for Mobile UI/Backend Integration
- Junior Mobile Software Engineer

Industries hiring for Dart + Flutter skills:

Startups | Product Companies | EdTech | FinTech | Logistics | Healthcare | SaaS Platforms



Tools & Technologies Covered

Dart | DartPad | Flutter SDK | VS Code | pub.dev | Git & GitHub | `test` package | Streams & Futures



Sample Project Ideas

- Unit Converter using Dart CLI
 - Budget Tracker with JSON I/O
 - Chat Message Parser (Stream + Collections)
 - Logic Engine for Quiz App
 - Dart Module Integration with Flutter UI
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Certification

Earn a **Joint Certificate** from Certed Technologies + Industry Mentors and a **Dart Developer Badge**, proving your ability to write efficient Dart code for mobile and hybrid platforms.



What Makes This Course Unique?

- ✓ Pure Dart Programming with Practical Use Cases
 - ✓ Ideal Precursor to Flutter Development
 - ✓ Hands-on with OOP, Collections, Async, and Testing
 - ✓ Logic Separation and Reusability Focus
 - ✓ GitHub Portfolio-Ready Code
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Upcoming Batch

Batch Start Date	Mode	Status
15 July 2025	Online	Open
22 July 2025	Offline	Few Seats Left
05 August 2025	Hybrid	Open



Custom Dart Training for Colleges & Teams

We offer institution-specific and company-focused Dart training for:

- Colleges (CS, IT, BCA/MCA programs)
- Flutter-Focused Product Startups
- Backend Devs Transitioning to Cross-Platform Tech
- App Teams Developing Logic-Heavy Architectures




Customization Options:

- Dart + OOP Crash Course
- Dart + Firebase Integration Logic
- Dart for CLI Tools or Microservices
- Project-Based Dart + Flutter Bridging Module

Talk to an Advisor

 Email: support@certedtechnologies.com

 Call/WhatsApp: +91-8920158923 | +91-9009015026

Ready to Think Like a Mobile Developer?

“Master the language behind Flutter—and unlock the world of responsive, scalable mobile development.”

 [Enroll Now](#)  [Request a Callback](#)

Frequently Asked Questions (FAQs)

- 1. Do I need programming experience to learn Dart?**
No prior experience required. We teach Dart from the ground up.
- 2. Is Dart only used with Flutter?**
While it's the main language for Flutter, Dart can also be used for CLI apps, backend services, and even web development.
- 3. Is this program enough to learn Flutter later?**
Yes. Dart is the foundation of Flutter. This course prepares you to transition smoothly into full Flutter app development.
- 4. Will I build real-world logic apps?**
Absolutely. You'll apply Dart to build CLI tools and integrate logic into a simple Flutter UI.
- 5. Is this suitable for college-level projects?**
Yes. Dart-based calculators, logic engines, and integrations are great for BCA, B.Tech, and MCA final year submissions.
- 6. Do you offer a combined Dart + Flutter program?**
Yes. We can customize a combined track as per your learning goals or institutional needs.

