

Organized By
Sadu Consultancy Services
(Pune)



Duration: 45–60 Days

Mode: Online

(Zoom/Google Meet + WhatsApp/Telegram Group)

Language: Marathi

(With Optional Hindi/English Support)

C# Programming and Windows Application Development Workshop

Workshop Overview

This online workshop is designed to provide students with a strong foundation in C# programming and Windows application development. Students will progress from basic syntax and concepts to real-time application development with project architecture, database connectivity, reporting and deployment. The course will include live sessions, coding demos, mini tasks and a final group project. All concepts will be explained in Marathi to ensure better regional understanding.

Target Audience

Students pursuing BCA, BCS, BBA-CA, MCS, MCA, Diploma(CS) or any IT related degree.

Key Highlights

- Fundamentals of C# and object-oriented programming
- Windows Forms controls and UI development
- ADO.NET for database interaction using SQL Server
- Crystal Reports for reporting and printing
- Layered project architecture (UI / BLL / DAL)
- Real project implementation
- Software packaging and deployment
- Career guidance sessions on .NET opportunities, job roles, and interview readiness
- Certificate of Completion and Internship
- Group-based mini project work after course completion

Enrollment Packages

Eligibility:

- Must be a currently enrolled IT student (BCA, BCS, BBA-CA, Diploma-CS etc.)
- Must submit valid college ID or faculty reference letter from college

Option 1: Community Package | FREE

Includes:

- Access to live sessions & recordings
- Sample code, templates and walk throughs
- No mentorship or project participation
- ₹199 for optional course completion certificate

Option 2: Career Booster Package | ₹999

Includes everything in the Free Plan, plus:

- Course Completion Certificate
- Internship Certificate (With topic & mentor verification)
- Personal mentor support
- Group-based hands-on project (After course completion)
- Resume tips & career guidance in .NET

Contact for Registration or Details

Mr. Shrikant Darekar

Founder – Sadu Consultancy Services

Phone: +91 9765975757

Email: info@saducs.com

Website: www.saducs.com

We appreciate your support in helping students build practical skills and industry readiness. We kindly request all colleges and faculties to circulate this message among your students to ensure maximum benefit.

Course Modules

Module 1: Introduction to C# and .NET Framework

Overview of the .NET ecosystem, Visual Studio environment, and how C# fits into modern application development. Introduction to console applications and syntax basics.

Module 2: Variables, Data Types, and Operators

Understanding value types, reference types, constants, and variable declarations. Use of arithmetic, logical, and comparison operators in practical scenarios.

Module 3: Control Structures (if, switch, loops)

Learn decision-making and flow control using if-else, switch-case, while, for, and foreach loops with real-life coding examples.

Module 4: Object-Oriented Programming in C#

Core OOP principles—classes, objects, inheritance, polymorphism, encapsulation, and abstraction. How to build modular, maintainable code using these concepts.

Module 5: Windows Forms UI Controls and Events

Create interactive desktop applications using Windows Forms. Design UI using buttons, textboxes, labels, radio buttons, checkboxes, and handle their events.

Module 6: ADO.NET – Connecting with SQL Server

Introduction to ADO.NET architecture. Learn how to connect to SQL Server, execute queries, perform CRUD operations, and use DataTables and DataAdapters.

Module 7: Crystal Reports – Design and Integration

Build custom reports using Crystal Reports, fetch data dynamically, apply filters, format layout, and integrate reports into your Windows applications.

Module 8: Project Architecture – UI, BLL, DAL Layers

Design real-world applications with separation of concerns. Understand layered architecture: User Interface (UI), Business Logic Layer (BLL), and Data Access Layer (DAL).

Module 9: Exception Handling and Debugging Techniques

Handle runtime errors gracefully using try-catch blocks, finally, and custom exceptions. Learn debugging tips and use breakpoints, watch windows, and output logs effectively.

Module 10: Final Group Project – Team Work and Code Review

Students will form small teams, plan and build a working Windows application. Mentor support for code guidance, best practices, and group reviews.

Module 11: Setup & Deployment – Building .exe Files

Convert your application into a distributable package. Learn about setup projects, .exe creation, dependencies, installer customization, and deployment tips.

Module 12: .NET Career Path, Resume Guidance, and Mock Interviews

Explore .NET job roles (developer, analyst, tester), build a strong resume, understand what recruiters look for, and attend mock interviews with feedback.
