Certificate in Advanced Concepts in C#

The Certificate in Advanced C Sharp (C#)" course is designed for learners aiming to enhance their C# programming skills beyond the basics. This comprehensive program focuses on advanced features of the C# language, exploring sophisticated data structures, multithreading, and application development techniques. With a focus on practical implementation and problem-solving, students will learn to build efficient, secure, and scalable applications. The course also delves into design patterns, web services, and serialization, preparing participants for real-world programming challenges and career growth in software development.

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Fees ₹ 3000
(can be paid in 2 Installments)

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Syllabus & Skills covered (60 hours)

- Queues (Generic/Non-Generic, Methods)
- Collections (Lists, Sets, Dictionaries, Concurrent)
- Collection Class & Enumerators
- Generics
- Linked Lists (Single, Double, Circular)
- BitArray
- Tree (Binary, DFS) & Graph Basics
- Namespaces, Static
- Attributes, Events
- Structs, Unsafe Code
- Interfaces, Synchronization
- Serialization, Enums
- File I/O, Regex
- Reflection, Nullables
- Multithreading, Properties
- Exception Handling
- Preprocessor Directives
- Delegates, DateTime
- Web Services, Design Patterns

Career Opportunities

- **Junior .NET Developer**
- **Desktop Application Developer**
- **Automation/Testing Developer**
- **Backend Developer (API & Microservices)**
- **Entry-Level Backend Developer (C#)**

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