

C#.Net

Objective of the Module:

Like any programming language, the C# language has its own structure, syntax rules, and programming paradigm. The C# language's programming paradigm is based on the concept of OOP, which the language's features support. The C# language is a C-language derivative, so its syntax rules look much like C's. For example, code blocks are modularized into methods and delimited by braces ({ and }), and variables are declared before they are used. Structurally, the C# language starts with Class Library. A Class Library is the C# language's namespace mechanism. Within classes are methods, variables, constants, and more.

After completion of the Module the student will be able to

- The model of object-oriented programming: abstract data types, encapsulation, inheritance and polymorphism
- Fundamental features of an object-oriented language like C#: object classes and interfaces, exceptions and libraries of object collections
- How to take the statement of a business problem and from this determine suitable logic for solving the problem; then be able to proceed to code that logic as a program written in C#.
- How to test, document and prepare a professional looking Class Library for each business project using Classes.

Course Content:

- Introduction to C#.Net with Object-Oriented Programming concept.
- .Net architecture, CLR, MSIL
- Namespace
- Console Application
- Variable with Data Type
- Conditional Statement
- Looping Statement
- Boxing and Unboxing
- Arrays
- ArrayList
- Functions of String Class
- Class fundamentals
- Access specifiers
- Constructor
- Inheritance
- Abstract Class and Interface
- Operator Overloading
- Delegates
- Reflection
- Exception handling fundamentals
- Windows Application Standard Controls and Components
- File Programming
- SQL Server
- ADO.NET
- Crystal Report and Setup Wizard

Course Guidelines:

1. Course duration is 45 days. 30 days out of total duration of the course is reserved for study period since the date of registration. After Study Period, exams must be completed within the remaining 15 days positively.
2. Be careful while facing the Exam.
3. No Re-exam can be arranged.

Technical Specifications:

- Windows 10
- Microsoft Visual Studio 2017
- Microsoft SQL Server 2014
- Microsoft SQL Server Management Studio 2014
- SAP Crystal Report Version (CRVS201024_0-10010309)
- Internet Explorer 11, Google Chrome 40.0.2214.94, Mozilla Firefox 35.0.1
- Internet connection: 2Mbps or above

Eligibility: Madhyamik or Equivalent

- IT IS MANDATORY TO DEPOSIT COURSE FEES & TO UPDATE RELATED DOCUMENTS WITHIN 3 DAYS FROM THE DAY OF REGISTRATION. YOUR COURSE WILL BE ACTIVATED FROM THE DAY OF REGISTRATION

[CLICK HERE TO VIEW THE PAYMENT PROCEDURE:](#)