

.NET Development

3 Days · Instructor-Led Training

What Is .NET?

.NET is a widely used framework for website and web app development and it is very easy to learn and implement by beginners. The learners can develop consoles, websites, web apps, and mobile apps through our Dot Net Course Syllabus and we make them prepare for project development of top companies. Choosing the dot net is good for one's career as it is still updating its features in website and web app development.

— Course Outline

Object Oriented Programming

- Basic Concept of OOPs?
- Principles of OOPs
- Object
- Class
- Abstraction
- Encapsulation
- Inheritance
- Polymorphism
- Overloading

Introduction to .Net Framework

- .Net Framework Architecture
- Components of framework
- CTS
- CLS
- CLR
- FCL
- ADO .Net
- Console Programming

C# Language

- CLR Execution Model
- Primitive Types
- Reference & Value Types
- Nullable Types

Errors & Exception Handling

- The Idea behind Exception
- Exceptions & Errors
- Types of Exception
- Control Flow in Exceptions

Collections

- Collection Classes
- List, Dictionary, Hashtable
- IEnumerable, IList, IQueryable

Threading

- Thread Basics
- Foreground, Background Threads
- Multithreading concepts
- Asynchronous Operations using threads