

Basic .NET Training SYLLABUS**.Net Framework and Fundamentals**

- Common Language Runtime (CLR)
- Learn Common Type System (CTS)
- Learn Common Language Specification (CLS)
- What is Managed Code?
- Microsoft Intermediate Language (MSIL)
- Just In Time Compiler (JIT)
- Assembly / Types of Assembly
- Garbage Collection / Strong Name
- Global Assembly Cache (GAC)

Object Oriented Programming

- Inheritance
- Single Level / Multilevel Inheritance

Polymorphism

- Compile time Polymorphism
- Operator Overloading
- Method Overloading

Runtime Polymorphism

- Delegates / Abstraction
- Encapsulation/Properties/Generics

Access Modifiers

- Private / Internal / Protected
- Protected Internal

Virtual keyword**New Keyword****Classes**

- Essential of Class/Create the Class

Objects

- Essential of Object/Create an object
- Try block / Catch block / Finally block

Exception Handling

ASP.NET

- ASP.net Basics
- Introduction to ASP .Net : ASP .Net and its use – Internet Information Server – Namespaces – .Net Framework Classes
- Web Forms : Web control Class – Creating Web Form Application
- Web Server Control: Managing Server Controls – Server control events – HTML and Data Controls – Validation Control
- Master Pages & Themes: Simple Master Page – Nested Master Page – Configuring Master Page – Creating and Applying Themes – Applying style sheet
- Web Services: XML Web Services – Creating Web services & Setting Web Service Attribute – Execution of Web service created – Web Service in Client and Server end
- Uploading Files: Using File Upload Control – Setting the location and file name – Uploading the file
- Security membership and roles: Authentication – Authorization – Impersonation – Code Access security
- Deployment: Deploying Web& Windows Application

ADO.NET (Working with Database)

- Overview of ADO.NET
- Connection Object,
- Command Object
- Data Readers
- Data Sets & Data Adapters
- Using SQLDataSource
- WinForms with database connectivity

SQL Server Basic

- Database Architecture
- Data Manipulation Language (DML)
- Data Definition Language (DDL)
- Transaction Control Language (TCL)
- Data Control Language (DCL)
- Data Query Language (DQL)
- Manipulation of Data (SQL Command)
- Stored Procedure
- Function
- Trigger
- Views
- Cursor