

TRAINING ON .NET

.Net Framework

- CLR, CLS & CTS
- Compilation process in .NET
- Assemblies & Versioning

C#

- Language Syntax
- Data Types, Variables & Operators
- Conditional Statements & Looping Structures
- Garbage Collection and Finalization
- Exception Handling

Classes & Objects

- Classes and Objects
- Abstract Classes and Interfaces
- Constructors and Destructors
- Structures, Enumerations
- Boxing & Unboxing

OOPS

- Encapsulation
- Inheritance
- Polymorphism
- Data Abstraction

Namespace

- Namespace, Nested Namespace
- Delegates & Events
- Properties, Indexer & Indexer Overload
- Errors and Exceptions

Arrays, Collections & Generics

- Single Dimension Array, Multi Dimension Array
- Collections
- Generic Collections

File I/O and Streams

- Working with Directories and Files
- Read and write file

Remoting & Reflection

- Application Domain
- MarshalByRef Object
- Type of

SQL Server

- Introduction
- DML DDL Functions
- Joins & Views
- Functions & Stored Procedure
- Triggers & Cursors

ADO.NET (Working with Database)

- Overview of ADO.NET
- Connected vs Disconnected Architecture
- Data Connection Object
- Data Command Object
- Data Adapter Object
- Data Readers
- Data Sets & Data Adapters
- Structure of Dataset
- Execute Non Query
- Execute Reader
- Execute Scalar

ASP.NET 4.0

- Introduction to Web Programming
- Client / Server Technology
- Understanding Web Server IIS

Page Life Cycle

- Global.asax
- Web.config

Web Form

- Web Control Class
- Creating Web Forms Application
- Handling Images
- Navigating between Pages
- Managing Server Controls
- Server Control Events
- Using HTML Controls
- Using Data Controls
- Repeater Control

Validation Controls:-

- ASP.Net validation controls
- Configuring validation controls

State Management

- Preserving State in Web Applications
- Using Cookies to Preserve State
- ASP.NET Session State
- Application State

User Controls

- Creating User Controls

- Interacting with User Controls
- Loading User Controls Dynamically

Master Pages & Themes

- Simple Master Page Nested Master Page
- Configuring Master Page Creating Themes
- Applying Themes
- Applying Style sheet

ASP.NET Web Services/WCF/WEB API

- Introduction
- Creation
- Test and Run Your Web Service
- Consuming a Web Service in Client

WEB BASED

1) HTML, CSS, Java Script :

- Html basics
- Beautifying Html components with css
- Html Components & Usage
- Validations using JavaScript

2) Bootstrap

- Bootstrap basics.
- Creating responsive apps

Basics of Angular