

1) MS.NET Course Content

- MS.NET Framework
- VB.NET and C# Languages
- Developing Console Application
- Language Basics
- Essentials of Object-Oriented Programming
- Working with Classes and Objects
- Working with Collections
- Exception Handling
- Inheritance, Interface & Polymorphism
- C# Features/General Features
- Data Streams and Files
- Working with Components/Assemblies
- Multi-threading
- Data Access using ADO.NET
- Win Forms
- XML
- Windows Services
- Packaging and Deployment
- Debugging and Tracing

2) ASP.NET MVC Training Course Content

- Introduction to MVC
- First MVC Application
- The MVC Pattern
- NTITTY framework

- Linq
- Collections
- Routing.
- Exploring Controller's
- Exploring Razor Views
- HTML Helpers
- Model Binders
- Annotations and Validations
- CRUD Operations using Entity Framework
- Caching in ASP.NET MVC
- Exception Handling in ASP.NET MVC
- Working with Areas
- Ajax and Client Scripting
- Security
- New Features of ASP.NET MVC 4.5
- Project Explanation

- MVC Life Cycle
- Controllers
- Model
- View
 1. Aspx
 2. Razor View
- Routing
- Html Helpers
- Model Binding
- MVC Action Method
- Data Models
- MVC Filters
- Database
 1. Entity Framework
- Data Annotation
- Web API
- sBundles
- Developing Demo Project
- Hosting Application

3) Web Services and WCF Course Content

Web Services and WCF Course Syllabus Overview

- Introduction to Windows communication Foundation
- Developing WCF Service Application and Client
- Endpoints in configuration file
- Channel Stacks & Bindings in WCF
- Understanding Service and Data Contracts
- Handling WCF Exceptions/Faults
- Message Exchange Patterns
- Transactions
- MSMQ
- WCF Security

4) WPF Course Content

Introduction

- What is WPF ?

- Types of WPF Application (Windows Based and Browser Based)
- XAML – Extensible Application Markup Language.
- First WPF Application
- Goals , Benefits and drawbacks
- Content Models

Expression Blend

- What is Expression Blend
- Different tabs and windows available

Basic Controls, Content Controls, Layout Controls and Menu Controls Properties

- Property basics
- Type Converters
- Property element Syntax
- Attached properties
- Property Inheritance

Pens and Brushes

Input

- Mouse Events
- Keyboard Input
- Routed Events

Data Binding

- Simple Data Binding
- Binding to List Data
- Data Source Providers
- Master Details Binding

Styles and Templates

- Inline Styles
- Named Styles
- Element typed Styles
- Triggers
- Logical and Visual trees
- Data Driven UI

Resources and Themes

Event Triggers and Animations

- Animation Fundamentals
- Timelines
- Keyframe Animations
- Animation without storyboards

Transformations and Effects

- Commanding, Layout, Render Transformations
- Effects

Documents

- Fixed Documents
- Flow Documents

Navigation-Based Applications

- Page
- Hyperlink Navigation
- Navigation Service
- Frame

Three Dimensional Drawing