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BIZNET LEARNING SOLUTIONS

(Class Room & Online Computer & Languages Training Expert)



C#.NET SYLLABUS

(Duration : 40 Days)

C#.NET

- Introduction to C#
- Namespaces in C#
- C# Tokens(5)
- Conversions in C#
- Decision Making and Looping concepts
- Arrays
- Functions
- String and Math Functions in C#
- OOPS Concepts (6)
- Classes and Objects in C#
- Modifiers in C# (2)
- Constructor and Destructors
- Exception Handling
- Threading in C#
- Interface in C#
- Windows Application in C#
- Controls in Windows Applications

ASP.NET With C#

- Introduction to Web Application
- HTML and JAVA Script
- Server Controls
 - Standard Controls
 - Navigation Controls
 - Validation Controls

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- Login Controls
- AJAX Controls
- Authentication users with and without Login Controls
- Master Page in ASP.NET C#
- ASP.NET with SQL SERVER 2008 R2

ADO.NET DataSources

- Access Data source
- SQL Data source
- XML Data source
- Sitemap Data source
- Entity Data source
- LINQ Data source
- Object Data source

ADO.NET Data views

- Grid view
- Details view
- List view
- Form view
- Import excel and access data into the SQL SERVER 2008 R2

- How to Back up and Restore database in SQL SERVER 2008 R2
- How to use Local Database in ASP.NET C#
- ASP.NET with MS ACCESS 2010
- Reporting in ASP.NET C#
- How to send E-mail via ASP.NET C#
- ASP.NET Post Back
- ASP.NET Sessions and Cookies
- ASP.NET Redirect Page, Server.Transfer, Server.Execute
- Tracing in ASP.NET
- ASP.NET web configuration
- ASP.NET interact with IIS

MVC 4

- Introduction
- Controllers
- Views
- Views Data and Views Bag
- Models

- Data Access in Entity Framework
- Business objects as Model
- Form Collection
- Mapping asp.net data request to Controllers
- Update model in MVC 4
- Unintended Updates
- Including and Excluding in MVC 4
- Interacting Database
- Customizing
- HTML Helper
- Razor Views
- Layout Views
- Handle Errors
- Output Cache
- Cache Profiles
- Validations
- Remote Validation
- Action Result
- Range Attribute
- String Length Attribute
- Regular Expression Attribute
- Custom Validation Attribute
- Areas in MVC 4
- Ajax in MVC 4
- Content Delivery Network (CDN) in MVC 4

Learning Solutions