**ASP.NET Syllabus**

1. **Overview of the ASP.NET 3 Hrs.**

* Introduction of different Web Technology
* What is Asp.Net
* How Asp.Net Works
* Use of visual studio
* Different Languages used in Asp.Net.
* Summary

1. **Framework 3 Hrs.**

* Common Language Runtime (CLR)
* .NET Framework Class Library.
* Summary

1. **Setting up and Installing ASP.NET 3 Hrs.**

* Installing Internet Information Server
* Installation of Asp.Net
* Virtual directory
* Application Setting in IIS.
* Summary

1. **Microsoft SQL Server 2008 6 Hrs.**

* Overview of SQL Server 2008
* Installation of SQL Server 2008
* Features of SQL Server Express
* SQL Server 2008 Express management tools
* Summary

1. **Coding Standards 3 hrs.**

* Overview of coding standards follows during programming
* Summary

1. **HTML & CSS 3 Hrs.**

* Basic of HTML and CSS
* Summary

1. **Asp.Net Standard Controls 3 Hrs.**

* Displaying information
* Label Controls
* Literal Controls
* Bulleted List
* Accepting User Input
* Textbox controls
* RadioButton and RadioButtonList Controls
* CheckBox and CheckBoxList Controls
* Button controls
* LinkButton Control
* ImageButton Control
* Using Hyperlink Control
* DropDownList
* ListBox
* Displaying Images
* Image Control
* Image Map Control
* Using Panel Control
* Using Hyperlink Control

1. **ASP.NET 3 Hrs.**

* Page & State Management
* Overview of events in page
* Summary

1. **Asp.Net Validation Controls + JavaScript Validation 3 Hrs.**

* Required Field Validator Control
* Regular Expression Validator Control
* Compare Field Validator Control
* Range Validator Control
* Validation Summary Control
* Custom Validator Control
* Summary

1. **Designing Websites with master pages 3 Hrs.**

* Creating master pages
* Creating default contents
* Nesting master pages
* Registering master pages in web configuration
* Summary

1. **Using the Rich Controls 6 Hrs.**

* Accepting File Uploads
* Saving files to file system
* Calendar Control
* Displaying advertisements
* Displaying Different Page view
* Displaying a Tabbed Page View
* Wizard Control
* Summary

1. **SQL Server Basic 12 Hrs.**

* Database Architecture
* Data Manipulation Language (DML)
* Data Definition Language (DDL)
* Manipulation of Data (SQL Command)
* Stored Procedure
* Function

1. **Overview of Data Access 12 Hrs.**

* Creating database connections
* Connecting to MSSQL Server
* DataSet & DataTable Features
* Using inline SQL Statements
* Using Stored Procedures
* Executing select commands
* Summary

1. **C# 9 Hrs.**

* Data Type and syntax Language Fundamentals
* Classes
* Namespaces
* Object Oriented Programming concepts
* Overview of Asp.Net inbuilt Classes and method
* File Handling
* Summary

1. **Using the Grid View Control 6 Hrs.**

* Grid View Control fundamentals
* Displaying Data
* Using Data Keys
* Sorting Data
* Paging through Data
* Summary

1. **Using the Details View and Form View Controls 6 Hrs.**

* Using the Details View control
* Displaying data with the DetailsView control
* Using Fields with the DetailsView control
* Displaying Empty data with the DetailsView control
* Summary

1. **Using Repeater and Data List Controls 6 Hrs.**

* Using Repeater Control
* Displaying data with the Repeater Control
* Displaying Data with the Data List Control
* Summary

1. **Using Navigation Controls 6 Hrs.**

* Understanding Site Maps
* Using the Sitemap Path Control
* Formatting the Sitemap Path Control
* Using the Menu Control
* Using Tree View Control
* Summary

1. **Working with XML and Web Services 6 Hrs.**

* Overview of XML
* Creating /Reading/Deleting XML Files
* Web Services
* Summary

1. **Deployment 3 Hrs.**

* Deploying application on Web Server

1. **Live Project 20 Hrs.**

* Getting requirements
* Preparing database and business logics
* Developing application
* Testing and implementing the project
* Troubleshooting the project application after implementation
* Summary