



ASP.NET MVC

Duration: 60 Hrs (Changeable) | Fees: Individual / Batch

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Syllabus Contd..



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Syllabus

Section 1 : HTML5

- * Introduction and History
- * Basic tags and attributes

Section 2 : JavaScript

- * Introduction to Javascript
- * JS Variables
- * JSFunctions

Section 3 : CSS3

- * Selectors
- * The box model
- * Backgrounds and Borders
- * Picture
- * Text effects
- * 2D / Transitions
- * Animations
- * Multiple layouts
- * User Interface

Section 4 : Introduction to Bootstrap

- * Bootstrap grid system
- * Bootstrap Grid System - Advanced.

Section 5 : SQL

- * Introduction to DBMS
- * Difference Between DBMS and RDBMS



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Syllabus

- * SQL controls
- * DML and DDL functions
- * Groupby, having
- * vStored procedure
- * Triggers

Section 6 : Web programming ideas

- * Introduction to Web Programming
- * Client / server technology

Section 7 : .Net Platform

- * Explore.net framework 4.5
- * Understanding Roll of CTS and CLS
- * Learnbase class libraries

Section 8 : Asp.net framework 4.5

- * The Net Framework
- * Common language
- * Framework Library
- * Waste collection
- * MSIL
- * The type of websites
- * Intrinsic Objects In asp.net

Section 9 : Classes and objects

- * Class and objects



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- * Methods and Properties
- * Manufacturers
- * Property Procedures
- * Numbers
- * References. Evaluation
- * Structures
- * Namespaces
- * Dynamic Dynamic Language Range Time
- * Abstract class and interfaces
- * Exceptions handling.net 4.5

Section 10 : Arrays and Collections

- * Array
- * Changes the ranges
- * ArrayLists and Hashtables
- * Public collections

Section 11 : Web Forms

- * Web Control Class
- * Creating a webform application
- * Handling images
- * Navigating
- * Managing Server Controls

Section 12 : Uploading files



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- * Using the file upload control
- * Restrictions

Section 13 : ADO.NET

- * Connection object
- * Command object
- * Datacredders
- * Datasets and Data Adaptors
- * Using SQL Datasource
- * Forms With DataBase Connectivity

Section 14 : State Management

- * Saving Web Applications
- * Using Preserve State
- * Asp.net session state
- * Application State
- * Master Pages and themes
- * Simple Master Page Nested Master Page
- * Configuring MasterPage Creating Themes
- * Applicable
- * Applying external style
- * Working With Template

Section 15 : Database connection with different architecture

- * Two column architecture



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- * Three-dimensional architecture
- * Working With the Procedure
- * File / O and streams
- * Working With directories and Files
- * Read and write file

Section 16 : Xml

- * The basics of XML
- * Create XML document
- * XML reader and XML Writer
- * XML Data Binding
- * XML Data Source Control

Section 17 : Linq

- * Linq Introduction
- * LINQ to SQL
- * Linq to Dataset
- * LINQ to XML

Section 18 : User Controls

- * Creating UserControls
- * Interacting seed sir controls
- * Loading User Controls Dynamically

Section 19 : ASP.NET Web Services

- * Introduction to XML Web Services



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- * Creating a web service
- * Setting the Web Service attribute
- * Testandruncyourweb service
- * Consumer consumer service in client application

Section 20 : Ajax

- * Understanding Ajax Controls
- * How Ajax works
- * Ajax Server Controls
- * Downloading and Installing the Ajax Control Toolkit
- * Creating an ASPX Page with Ajax

Section 21 : jQuery

- * Introduction to jQuery
- * jQuery effects
- * jQuery html
- * Query ajax
- * Examples

Section 22 : IIS 7

- * Architecture of IIS7
- * IIS Manager
- * Publishing the web application

Section 23 : MVC

- * Introduction to MVC



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- * MVC Application
- * MVC folders
- * Adding Controller
- * Adding sight
- * Adding a model