

CLASSIC ASP.NET COURSE CONTENT

Duration: 30 Hours
Prerequisite: C#

Our Strength
Shiva Sir
0731-4069788

Classic ASP.NET Syllabus	<ul style="list-style-type: none">❖ Web Programming Introduction Understanding role of Web Server and Web Browse. Brief about HTTP Protocol, HTTP Request structure, Form Tag and comparison between Get and Post methods, HTTP Response Structure❖ HTML and JavaScript Understanding HTML Form Tag and elements within it, Javascript using Sample Programs❖ Introduction to ASP Introduction to ASP, Types of Path, Examples using Response object of ASP Working with FORM tag, Important points about the FORM submission, Few more examples, Problem with Asp❖ ASP.NET Introduction & Sample Programs How to create and run the first ASP.NET Application, Understanding the code generated by VS.NET, Example Programs, Understanding AutoPostBack. Types of Server Controls<ul style="list-style-type: none">○ HTML controls○ Web Server ControlsExploring Server Controls❖ Validation Controls Base Validator , Validation Summary, Required Field Validator, Compare Validator, Range Validator, Regular Expression Validator, Causes Validation Property of Button, Grouping Controls for Validation❖ Applying Themes and Styles to Controls Working with CSS, Using Themes to Customize a Site, Named SkinswithingaTheme, Server-side Styles using Theme, Server-side Styles using Themes, Contents of a Theme and Skin, Theme and Profiles❖ ASP.NET Architecture What is AppDomain, Life cycle of a Web Form when requested by a client, How does a control manages its state, Enable ViewState property, Event Handling in WebForms, Writing / Using Custom Classes in WebApplication
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	<ul style="list-style-type: none">❖ Page Navigation Options Response Redirect, Server, Transfer, CrossPagePostBack property of Button <ul style="list-style-type: none">○ Accessing controls of PreviousPage○ Accessing Properties of PreviousPage○ PreviousPageType Page directive ❖ Creating a Layout Using Master Page Why Master Page, Significance of ContentPlaceHolder tag in MasterPage and Content Tag in WebForm How a control of MasterPage can be accessed/programmed in WebForm <ul style="list-style-type: none">○ Master.FindControl○ Public property in ❖ MasterPage and <%@MasterType directive in WebForm Load and LoadComplete events of the Page and MasterPage classes Understanding ClientID and UniqueID properties ❖ User Control Creating a UserControl, Adding a UserControl to the WebForm, Register-Directive Loading UserControl Dynamically ❖ ASP.NET State Management Need for state management, Static members in Webform, Global Class in App_Code folder, ViewState, HiddenField, QueryString, HttpContext, HttpCookie and Cookie Dictionary, HttpSessionState, HttpApplicationState ❖ Databound Controls Rendering Table o/p using SqlDataAdapter and SqlCommandReader, SqlDataSource, GridView, DetailsView, FormsView, DataList, Repeater, ListView ❖ Creating Virtual Directory & Web Application What is Web Applications & Virtual Directory, Using VS.NET creating Web Application with Location as IIS., Advantages of Web Application, Steps for moving Web Application created using File System to IIS, How to use Virtual Directory which is not a Web Application
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❖ **Globa.asax&HttpApplication**

Global.asax file, HttpApplication Class, Events of HttpApplication Object
Examples

- AUrl Rewriting
- Handling Errors
- Tracking number of Sessions

❖ **Understanding Configuration File – Web.Config**

Importance of web.config, Managing Application Settings, Handling Errors/Custom Errors, URL Re- Writing, Traacing of Page Life Cycle, ConfigSource attribute, Location Section, Updating Web.Config Programmatically

❖ **Web Caching**

Why Caching, Output Caching, Fragment Caching, Substitution Caching, Data Caching, Expiration Policy to expire Data & Output Cache

❖ **Authentication & Authorization**

Authentication & Authorization, Windows Based Authentication, Form Based Authentication, Authorization Users and Roles, Impersonation

❖ **Globalization and Localization**

Need for Globalization, How to handle multilingual dynamic data in database, Creating of Local and Global resource file, Mappin Control and UICulture of thread, Right to left direction of text in web page

AJAX.NET

Architecture, Working with AJAX Pro, Using AJAX.NET Controls, Accordion, Calendar, CascadingDropDown, CollapsiblePanel, FilteredTextBox, NumericUpDown, ModalPopup, PopupControl

Note: Project is mandatory it will be completed by Current Faculty.

You can check Syllabus if any topic not covers then you can direct contact to management

