

MCTS .NET Framework 4.0 ,ASP.NET Applications MS C#.NET

خلاصه:

این دوره یک دوره علمی/کاربردی بوده که دانش پژوهان قادر خواهند بود که پس از اتمام این دوره در پروژه های Small Scale و Medium Scale شرکت داشته و سایتهای خود را به بانک های اطلاعاتی متصل ساخته و از این امکان بهره مند سازند. در این دوره فرض بر آن است که دانش پژوهان مفاهیم O.O.P را در دوره Windows_ Based فرا گرفته اند. در این دوره مفاهیم و فن آوری های مربوط به صفحات وب همراه با نمونه های برنامه کاربردی به دانش پژوهان آموزش داده خواهد شد و دانش پژوهان آمادگی لازم جهت شرکت در دوره Web Services را پیدا خواهند کرد.

مدت دوره: 60 ساعت

پیشنیاز: Windows_ Based C#.NET

اهداف دوره:

در انتهای این دوره دانشجویان قادر خواهند بود:

Explain XHTML 1.0 & CSS 2.0 in brief

Creation Master Page

Explain the Microsoft .NET Framework and ASP.NET

Create a component

Create an ASP.NET Web Site by using Visual Studio .NET

Add server controls to an ASP.NET Web Form

Create and populate ASP.NET Web Forms

Add functionality to server controls that are on an ASP.NET Web Form

Use validation controls to validate user input

Create a user Control

Access data by using the built-in data access tools that are available in Visual Studio .NET

Use Microsoft ADO.NET 2.0 to access data in an ASP.NET Web application

Accomplish Complex data access tasks from an ASP.NET Web application

Store application and session data by using a variety of methods

Configure and deploy an ASP.NET Web application

Authentication & Authorization

Creating ASP.NET Menu in two ways

Ajax.NET

Centralized Error Handling

سرفصل دوره:

Creating a Web Application

Visual Studio Web Site Types

Default Event Handling in Web Applications

Web Configuration Files

Programming a Web Application

Event Handling in Web Applications

Browser Capability Detection

Page Header Retrieval

Page-Level and Application-Level Error Handling

Adding and Configuring Server Controls

HTML Controls and Web Server Controls

Types of Web Server Controls

Working with Web Server Controls

The ASP.NET 2.0 Page Postback Model

Creating a Common Layout by Using Master Pages

What Are Master Pages?

What Are Content Pages?

Nested Master Pages

Managing State for a Web Application

ViewState Properties and ControlState Data

Application and Session Objects

Strategies for Managing Session State Data

The Cache Object

Accessing and Displaying Data

Database Connections and the Web.Config File

Relational Data and Data Source Controls

Controlling Access to a Web Application

Authentication for Web Applications

Authorization for Web Applications

Site Membership Systems Using the Membership Class

Web Site Security Administration Using the Roles Class

Deploying a Web Application

Using the Publish Web Site utility to deploy a precompiled version of the Web application

Building Dynamic Web Applications

Dynamic Control Creation

Localization and Globalization

Dynamic Master Pages

Dynamic Web Configuration

Creating Controls for Web Applications

User Controls

Custom Web Server Controls

Composite Web Server Controls

Templated Controls

Optimizing Web Application Performance

The Page Scripting Object Model

Tracing and Instrumentation in Web Applications

ASP.NET 2.0 Caching Techniques

Asynchronous Processing in Web Applications

Implementing Personalization and Themes in Web Applications

ASP.NET 2.0 Personalization Features

Theme Support in ASP.NET 2.0