

# Kore Infotech Learning Centre

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## ASP.NET Course Content

### Topics

**ASP.NET Tutorial - with ASP.NET 2.0**

**ASP.NET Introduction**

**What You Should Already Know**

**What is Classic ASP?**

**ASP.NET is NOT ASP**

**What is ASP.NET?**

**What is an ASP.NET File?**

**How Does ASP.NET Work?**

**What is ASP+?**

**ASP.NET Architecture**

**ASP.NET Session Management**

**ASP.NET Page Life Cycle**

**The Microsoft .NET Framework**

**ASP.NET 2.0**

**ASP.NET 3.0**

**ASP.NET vs. ASP**

**New in ASP.NET**

**Language Support**

**ASP.NET Controls**

**Event Aware Controls**

**ASP.NET Components**

**User Authentication**

**User Accounts and Roles**

**High Scalability**

**Compiled Code**

**Easy Configuration**

**Easy Deployment**

**ASP.NET Installing**

**What You Need**

**Windows 2000 or XP**

**Service Packs and Updates**

**ASP.NET - Web Pages**

**FHello in HTML**

**Hello in ASP.NET**

**How Does it Work?**

**Classic ASP**

**Dynamic Page in Classic ASP**

**Dynamic Page in ASP .NET**

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ASP.NET vs Classic ASP

ASP.NET - Server Controls

Limitations in Classic ASP

ASP.NET - Server Controls

ASP.NET - HTML Server Controls

ASP.NET - Web Server Controls

ASP.NET - Validation Server Controls

Example

ASP.NET - Events

ASP.NET - Event Handlers

The Page\_Load Event

Example

The Page.IsPostBack Property

Example

ASP.NET Session

Session Object

Collections

Properties

Methods

Events

ASP.NET Web Forms

ASP.NET Web Forms

Submitting a Form

ASP .NET Maintaining the ViewState

Maintaining the ViewState

Example

Example

ASP .NET - The TextBox Control

The TextBox control is used to create a text box where the user can input text.

The TextBox Control

Example

Add a Script

Example

Example

ASP.NET - The Button Control

The Button Control

Add a Script

Example

ASP.NET - Data Binding

Data Binding

ASP.NET - The ArrayList Object

Create an ArrayList

Data Binding to an ArrayList

Example

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## ASP.NET - The Hashtable Object

The Hashtable object contains items in key/value pairs.

Create a Hashtable

Data Binding

Example

## ASP.NET - The SortedList Object

The SortedList object combines the features of both the ArrayList object and the Hashtable object.

The SortedList Object

Data Binding

Example

## ASP .NET - XML Files

An XML File

Bind a DataSet to a List Control

Example

## ASP.NET - The Repeater Control

The Repeater control is used to display a repeated list of items that are bound to the control.

Bind a DataSet to a Repeater Control

Example

Using the <AlternatingItemTemplate>

Example

Using the <SeparatorTemplate>

Example

## ASP.NET - The DataList Control

Bind a DataSet to a DataList Control

Example

Using Styles

Example

Using the <AlternatingItemTemplate>

Example

## ASP.NET - Database Connection

What is ADO.NET?

Create a Database Connection

Create a Database Command

Create a DataReader

Bind to a Repeater Control

Example

Close the Database Connection

## ASP.NET 2.0 - New Feature

Improvements in ASP.NET 2.0

What's New in ASP.NET 2.0?

Master Pages

Themes

Web Parts

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Navigation

Security

Roles and Personalization

Internationalization

Data Access

Mobility Support

Images

Automatic Compilation

Compiled Deployment (Installation) and Source Protection

Site Management

Development Tools

ASP.NET 2.0 - Master Pages

Master Pages

Master Page Example

Content Page Example

Content Page With Controls

ASP.NET 2.0 - Navigation

Web Site Navigation

The Sitemap File

Dynamic Menu

TreeView

SiteMapPath

HTML Server Controls

HTML Server Controls

Web Server Controls

Web Server Controls

Validation Server Controls

Validation Server Controls

ASP.NET Web Services

What are Web Services?

Small Units of Code

XML Based Web Protocols

HTTP

XML

SOAP

WSDL

UDDI

Independent of Operating Systems

Benefits of Web Services