

6 WEEK TRAINING MODULE IN ASP.NET



Overview of ASP.net

- ◇ Features of ASP.net
- ◇ Creating an ASP.net web application
- ◇ Create, build and view an ASP.net web form

Using Controls

- ◇ Using Server controls
- ◇ Using Client controls

Using Navigation Controls

- ◇ Using TreeView control
- ◇ Using Menu Control
- ◇ Using SiteMapPath

Adding code to ASP.net Web Form

- ◇ Using code behind pages
- ◇ Adding event procedures to web server controls
- ◇ Using page events

Adding functionality to a Web Application

- ◇ Creating Page_Load event procedure
- ◇ Creating Click event procedure

Validating User Input

- ◇ Overview of user input validation
- ◇ Using validation controls
- ◇ Page validation
- ◇ RequiredFieldValidator control
- ◇ ValidationSummary control
- ◇ CompareValidator control
- ◇ RegularExpressionValidator control
- ◇ RangeValidator control



Using Master Files

- ◇ Creating Master Pages
- ◇ Applying styles to web pages
- ◇ Applying themes
- ◇ Using Skin files

Creating User Controls

- ◇ Creating web user controls
- ◇ Adding web user controls to an ASP.net web forms

ADO.net

- ◇ Connecting with database using ADO.net
- ◇ Connected & Disconnected approach
- ◇ Using stored procedure in ASP.net application

Using Data Controls

- ◇ DataGrid control
- ◇ DetailsView
- ◇ FormView
- ◇ Repeater control
- ◇ DataList control

Managing State

- ◇ Application & State Management
- ◇ Application variables
- ◇ Session variables
- ◇ Cookies
- ◇ Caching Mechanism

Tracing in Web Application

- ◇ Understanding Tracing
- ◇ Implementing Tracing

Security in Web Application

- ◇ Web application security overview
- ◇ Authentication & Authorization

Project Work