

# IT PLANET

## ASP.NET TRAINING WITH LIVE PROJECT

### SYLLABUS COVERED

#### ★ Overview of the ASP.NET

- ✓ Introduction of different Web Technology
- ✓ What is Asp.Net
- ✓ How Asp.Net Works
- ✓ Use of visual studio
- ✓ Different Languages used in Asp.Net.
- ✓ Summary

#### ★ Framework

- ✓ Common Language Runtime (CLR)
- ✓ .NET Framework Class Library.
- ✓ Summary

#### ★ Setting up and Installing ASP.NET

- ✓ Installing Internet Information Server
- ✓ Installation of Asp.Net virtual directory
- ✓ Application Setting in IIS.
- ✓ Summary

#### ★ Microsoft SQL Server 2008

- ✓ Overview of SQL Server 2008
- ✓ Installation of SQL Server 2008
- ✓ Features of SQL Server Express
- ✓ SQL Server 2008 Express management tools
- ✓ Summary

#### ★ Coding Standards

- ✓ Overview of coding standards follows during programming
- ✓ Summary

#### ★ HTML, CSS & JavaScript

- ✓ Basic of HTML, CSS and JavaScript
- ✓ Summary

#### ★ Asp.Net Standard Controls

- ✓ Displaying information
- ✓ Label Controls
- ✓ Literal Controls
- ✓ Bulleted List
- ✓ Textbox controls
- ✓ RadioButton and RadioButtonList Controls
- ✓ CheckBox and CheckBoxList Controls
- ✓ Button controls
- ✓ LinkButton Control
- ✓ ImageButton Control
- ✓ Using Hyperlink Control
- ✓ DropDownList
- ✓ ListBox
- ✓ Displaying Images
- ✓ Image Control
- ✓ Image Map Control
- ✓ Using Panel Control

## ★ Asp.Net

- ✓ Page & State Management
- ✓ Overview of events in page
- ✓ Summary

## ★ Asp.Net Validation Controls

- ✓ Required Field Validator Control
- ✓ Regular Expression Validator Control
- ✓ Compare Field Validator Control
- ✓ Range Validator Control
- ✓ Validation Summary Control
- ✓ Custom Validator Control
- ✓ Summary

## ★ Designing Websites with master pages

- ✓ Creating master pages
- ✓ Creating default contents
- ✓ Nesting master pages
- ✓ Registering master pages in web configuration
- ✓ Summary

## ★ Using the Rich Controls

- ✓ Accepting File Uploads
- ✓ Saving files to file system
- ✓ Calendar Control
- ✓ Displaying advertisements
- ✓ Displaying Different Page view
- ✓ Displaying a Tabbed Page View
- ✓ Wizard Control
- ✓ Summary

## ★ SQL Server Basic

- ✓ Database Architecture
- ✓ Data Manipulation Language (DML)
- ✓ Data Definition Language (DDL)
- ✓ Manipulation of Data (SQL Command)
- ✓ Stored Procedure
- ✓ Function
- ✓ Trigger
- ✓ Views
- ✓ Cursor

## ★ Overview of Data Access

- ✓ Creating database connections
- ✓ Connecting to MSSQL Server and MS Access
- ✓ DataSet & Data Table Features
- ✓ Using inline SQL Statements
- ✓ Using Stored Procedures
- ✓ Executing select commands
- ✓ Sql Transaction
- ✓ Summary

## ★ C#

- ✓ Data Type and syntax Language Fundamentals
- ✓ Classes
- ✓ Namespaces
- ✓ Object Oriented Programming concepts
- ✓ Overview of Asp.Net inbuilt Classes and method
- ✓ File Handling
- ✓ Summary

## ★ Using the Grid View Control

- ✓ Grid View Control fundamentals
- ✓ Displaying Data
- ✓ Using Data Keys
- ✓ Sorting Data
- ✓ Paging through Data
- ✓ Summary



## **Using the Details View and Form View Controls**

- ✓ Using the Details View control
- ✓ Displaying data with the Details View control
- ✓ Using Fields with the Details View control
- ✓ Displaying Empty data with the Details View control
- ✓ Summary

## **Using Repeater and Data List Controls**

- ✓ Using Repeater Control
- ✓ Displaying data with the Repeater Control
- ✓ Displaying Data with the Data List Control
- ✓ Summary

## **Using Navigation Controls**

- ✓ Understanding Site Maps
- ✓ Using the Sitemap Path Control
- ✓ Formatting the Sitemap Path Control
- ✓ Using the Menu Control
- ✓ Using Tree View Control
- ✓ Summary

## **Working with XML and Web Services**

- ✓ Overview of XML
- ✓ Creating /Reading/Deleting XML Files
- ✓ Web Services
- ✓ Summary

## **AJAX (Asynchronous JavaScript and XML)**

- ✓ About Ajax
- ✓ Setting up and implementing Ajax
- ✓ Summary

## **FTP Management**

- ✓ Understanding FTP
- ✓ Setting up FTP Server (Live)
- ✓ Uploading and downloading FTP contents
- ✓ Summary

## **Sending Emails**

- ✓ Designing email panel
- ✓ How to send an email to various users
- ✓ Sending auto emails
- ✓ Summary

## **Deployment**

- ✓ Deploying application on Web Server
- ✓ Summary

## **Live Project**