

# **ASP.NET 3.5 Training Syllabus – Duration 3.5 Months.**

## **Module 1 : HTML -**

Introduction to Internet /Web Technology.

HTML Tags ,Tables , Forms Controls .

## **Module 2 : C# Language –**

Data Types ,Variables ,Operators

Arrays ,Resizing Arrays,ArrayLists Conditional Statements

Looping Structures

Functions

Exception Handling

Classes & Objects

Methods, Properties and Events

Constructors

Inheritance ,Polymorphism

Abstract Class/ method

Interface, Namespace

## **Module 3 : Web Programming Concepts**

Client / Server Technology. Three Tier Architecture

Introduction Web Server IIS /Life Cycle of Web Page.

## **Module 4 : ASP.NET 3.5**

Introduction to Framework concept ,The Common Language Runtime

MSIL , Web Form class , Event Handling .

## **Module 5: Web Form-Standard Controls (Web Control Class)**

Buttons Text ,Boxes Labels

Literals ,Place Holders ,Hidden Field Control ,Image Controls

Image Buttons Image etc.

## **Module 6 : Navigation Controls:-**

Tree View Control Menu

Control Site Map Path

Control Wizard Control

## **Module 7 : Validation Controls:-**

Required Field Validators

Comparison Validators

Range Validators

Regular Expression Validators

Custom Validators

Validation Summaries

## **Module 8 : Master Pages & Themes**

Pratibha Computers

Simple Master Page Nested Master Page  
Configuring Master Page Creating Themes  
Applying Themes  
Applying Style sheet.(CSS)

### **Module 9 : Working With Files**

Reading / writing files- Text & Binary Files  
Move, Copy File. Folder creation.

### **Module 10 : Uploading Files**

Using FileUpload Control  
Setting the location and filename to upload  
the files  
Upload the Files  
Restricting the type and size of the Files

### **Module 11 : Introduction to RDBMS.**

Introduction to DBMS –RDBMS.

Normalization Concept.

Table creation / Insertion / Update Records.

Queries and Joins etc.

### **Module 12: ADO.NET (Working with Database)**

Overview of ADO.NET

#### **Connected /Disconnected Architecture**

Connection Object, Command Object  
Data Readers ,Data Sets & Data Adapters  
Grid View  
Creating Reports.

### **Module 13 : State Management**

Preserving State in Web Applications  
Using Cookies to Preserve State  
ASP.NET Session State  
Application State, View State

### **Module 14 : Web Site Deployment**

### **Module 15 : Deploying web site to IIS Server / LAN System.**

## **Module 16 : Introduction to JavaScripts.**

### **Module 17: Ajax Controls.**

Introduction to Ajax Controls.

How to Add AJAX Control Toolkit

- 1) CalendarExtender
- 2) FilteredTextBox
- 3) ModalPopupExtender
- 4) ConfirmButton
- 5) 5.AJAX HoverMenuExtender
- 6) ColorPicker
- 7) AutoComplete
- 8) ValidatorCallout
- 9) MaskedEdit Extender
- 10) AJAX HoverMenuExtender
- 11) AlwaysVisibleControlExtender
- 12) Timer
- 13) Accordion
- 14) AJAX Slider Extender Control