



# ASP.Net, C# - Sql Training Module

## **Module 1: Dot Net Framework, HTML & CSS.**

(ASP.NET work, CLR, CLS, CTS, HTML Tags, Table/Div, Forms, Input)

**2 CLASSES** (2X2 hrs=4hrs)

Learning and Practice – 1 Class

Case Study– 1 Class

“Case Study: Design User Interface for a log-in screen and inside page using HTML”

## **Module 2: Object Oriented Programming Concept in ASP.NET.**

(Class, Object, Constructor and Destructor, Encapsulation, Abstraction, Polymorphism, Inheritance)

**2 CLASSES** (2X2 hrs=4hrs)

Learning and Practice – 2 classes

## **Module 3: Introductions to Database AND Ado.Net.**

(Insert / Edit/ Delete/ Select Query, joining, Stored Procedure. Introduction of ADO.NET, Data Provider, connection object, command object, Dataset, DataReader, DataAdapter.)

**3 CLASSES** (3X2 hrs=6hrs)

Learning and Practice – 3 classes

## **Module 4: ASP.NET Controls & JavaScript.**

(Server-side controls used in ASP.NET and Web Forms, ASP.NET - Data Binding, JavaScript Variables, Operators, View State, Hidden Fields ,Session state ,etc)

**5 CLASSES** (5X2hrs=10 hrs)

Learning and Practice - 3 classes

Case Study - 2 class

“Case Study: Create an Exam result table populated using an **aspx** form with option to upload/download related files and mail the information to examiner on form submit.”

## **Module 5: Introductions to Master Page & AJAX.**

(Master Pages, Content Page, AJAX, Update Panel control, Update Progress control)

**4 CLASSES** (4X2hrs=8hrs)

learning and Practice -2 classes

Case Study - 2 classes

“Case Study: Create student registration form to enroll multiple students in an institute with option to view/edit or delete the form information of the selected student.

**Live Project Development- 8 Classes** (8X2 Hrs= 16 Hrs)