

COURSE CONTENT

MODULE – 1 : Introduction to Web Applications

Html Basic Tags

Javascript

CSS

Introduction to Server Side and Client Side Scripting

Web Page Designing using HTML and JavaScript

Overview of Asp.Net 4.0

Overview of Request Life Cycle

MODULE – 2 : Introduction to Server Controls

Consume Standard Controls.

List Controls

PostBack issue handling

Dynamically adding Controls to webform

Navigation Controls

File upload control

Multiview control

Wizard control

AdRotator

Webparts

MODULE – 3 : Customizing Web Applications

Themes and Skins

Master Pages and Content Pages

Using Style Sheets

MODULE – 4 : Developing and using Webforms Controls

Creating Web Forms Application

Handling Images

ASP.NET Handler to generate images dynamically

Navigating between Pages

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Using TreeView

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Managing Server Controls

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MODULE – 5 : Implement Server Controls

Create and consume User Control

Create and consume Custom control

Create and consume composite control

MODULE – 6 : State Management

Managing Session and Application

Passing complex data using session variable

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Managing Cookies

MODULE – 7 : Designing and Implementing Databases with SQL Server

Introduction to RDBMS and Database Normalization

Creating Tables and Relationships and constraints

SQL Fundamentals

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MODULE – 8 : Managing Database with ADO.Net Entity Framework

Entity Data Model

Linq to Entities



Work with Model and not data

Data manipulation with Entity Framework

Data-bound controls

Model First with Entity Framework

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MODULE – 9 : Developing MVC Models and Controllers

Exploring ways to create MVC Models

Implementing MVC Controllers

Creating Action Methods

Implementing MVC Views

MODULE – 10 : Introduction to WCF

Service Oriented Architecture

Building WCF Service.

Building WCF Client Application.

MODULE – 11 : Authentication and Authorization

Configuring ASP.Net Membership and Roles

Anonymous Authentication and Impersonation

Windows Authentication

Forms Authentication

MODULE – 12 : Language Integrated Query

Introduction to Linq

Implicitly typed local variable

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LINQ to XML.

MODULE – 13 : AJAX

Introduction to AJAX

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script Manager

UpdatePanel

Timer

AJAX control tool kit

Accordion

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AJAX Control toolkit extenders

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Calendar Extender

BulletedListExtender

ConfirmButtonExtender

TextBoxWaterMarkExtender

MaskEditExtender

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PasswordStrength

MODULE – 14 : Introduction to jQuery

Introduction to Silver light

Introduction to Silverlight

Introduction to XAML

Using Silverlight Controls

Using Silverlight Navigation Application

Programming Silverlight applications

Creating Silverlight WCF Services

MODULE – 15 : Introduction to Mono and cross platform .NET development

Configuring and Deploying Web Applications



Publishing Web Applications.

Create Web Setup Project.

Using Copy Web Tool

