

Web Developing Diploma

ASp.net WITH MVC 5

By Visual Studio 2015

1 C# Core

Programing Langauge Core

2 C# Advanced

Programing Langauge Adv

3 HTML 5 & CSS 3

User Interface Core & Advanced

4 Bootstrap

Responsive media Screen
Core & Advanced

5 DataBase Design

Build Data base Continer
Core & Advanced

6 EF

Entity Frame Work
Connect By DataBase

7 Publishing

Host & Domain
Publishing Web Site

8 MVC

Model View Controllers
Create Web Application



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Programming Language Core **Track 1**

Introduction to programming

Concept of programming

Variables

Data Type

If Statement

Nested If

Iteration (Loop)

For

Nested for

While

Nested while

Do while

Nested do while

Switch case

Function

Access modifier function

Function with parameters

Function with return value

Class

Property

Constructor

Destructor



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Programming Language Advanced **Track 2**

Object oriented programming

Interface classes

Encapsulation

Abstract class

Interface Class

Poly morephizm

Virtual Function

Overload function

Framwork.net

Data Structure

Array

List

List with Generic

Sorted list

Stack

Queu

Threading



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HTML 5 & Css3

Track 3

HTML 5

Browser with HTML Content

Head - Body

meta TAGs

Fav Icon - paragraph - bold - italic - under line - strike

Strong - Emphasis - SubScript - Super Script

hyper links & Anchors

hyper links & Anchors

image - Video - audio

Iframes - google maps - Youtube Video

Table - div - section - aside - article - Header - nav

Forms - input - button - selection - radio button - checkbox

CSS 3

CSS Cascading style sheet track

CSS Terminology

CSS with classes

CSS with ID selector

CSS background [Gradient - Solid - Pattern]

Fonts Comptability [Google Fonts - Font face]

width - height

meida Query

internal & external Css Files

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Bootstrap

Track 4

Bootstrap Grid System

Cols & Rows

Container & Container Fluide

Menu & Friendly menu

built in Class with bootstrap

Ui Kit

bootstrap & Priority in css 3

Responsive media Screen



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● Data Base Design **Track 5**



Analysis system



Design system with ER Schema



Mapping & Relational Schema



Normalization & Relationship database Theory



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Entity Frame work **Track 6**

EF

 Language Integrated Query

 Linq Structure

 Data Context Class

 Lambada Expression

 SQL Method

 Web Config

 EF (Entity Framework)

 Entity Framework Structure

 Schema First

 Model First

 Code First



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MVC [Model View Controllers] **Track 7**

MVC

Installing MVC 5 With Visual Studio 2015

Controllers in an mvc application

Views in an mvc application

ViewData and ViewBag in mvc

Models in an mvc application

Data access in mvc using entity framework

Generate hyperlinks using actionlink html helper

Working with multiple tables in mvc

Using business objects as model in mvc

Creating a view to insert data using mvc

FormCollection in mvc

Mapping asp.net request data to controller action simple parameter types

Update model function in mvc

Difference between update model and try updatemodel

Editing a model in mvc

Models in an mvc application

Updating data in mvc

Unintended updates in mvc

Preventing unintended updates in mvc

Including and excluding properties from model binding using bind attribute

Including and excluding properties from model binding using interfaces

Deleting database records using post request in mvc



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Insert update delete in mvc using entity framework



Customizing the autogenerated index view



Customizing the autogenerated create view



Using data transfer object as the model in mvc



View engines in asp net mvc



How does a controller find a view in mvc



Html helpers in mvc



Partial views in mvc



templates in asp net mvc



What is cross site scripting attack



How to prevent cross site scripting attack



Razor views in mvc



Razor views in mvc continued



Layout view in mvc



ViewStart in asp net mvc





Publishing web Application

● Publishing

Track 8



Host & server Types



create database on server Side



domain & sub domain



Formal Mail



Upload Application on the Server Side



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