

Speed16 Academy

(Online/Offline School, Sports & IT Training Academy)

www.Speed16.com

(IT Training Domains: Python, Java, .net, Data Science, RPA, Salesforce, Testing, Selenium, Big Data, Blockchain, Informatica, AWS, Angular etc. etc.)

Course Details

SR	Course Name	Hours	Fee
1	C# with Asp.net (Web Development)	50	10,000 INR 146 USD
2	C# with windows/Wpf (windows presentation foundation)	40	8,000 INR 117 USD
3	Asp.net+MVC (Web development with MVC Pattern)	40	10,000 INR 146 USD
4	Full stack .Net (C#+Asp.net+Windows / Wpf+MVC framework)	90	20,000 INR 292 USD

OVERVIEW –

This course teaches Object oriented programming in C# language. C# is a multi-paradigm Programming language encompassing strong typing, imperative, declarative, functional, Generic, object-oriented, and component-oriented programming disciplines. C# is Commonly used to console application. The course also teaches ASP.Net. This is another OOP's language easy to use to make various web applications. The drag and drop features, Make it easy to use and code. As well as Windows OR WPF teaches to developed the Desktop based application and Game programming. MVC is the framework. It is an alternative to the ASP.NET Web Forms and it implements a model–view–controller (MVC) pattern for creating Web applications.

Job Opportunities:

If you want to get employed as a web developer at a company that utilizes Microsoft technologies, you need to master in ASP.NET MVC and C#. And to give scope with new technologies with the help of MVC Pattern. If you want to get employed as a windows desktop developer at a company that utilizes Microsoft technologies, you need learn C# .net with Windows/Wpf.

ELIGIBILITY

Basic computer programming knowledge required. Programming in C, C++, or basic

1: Course [C# with Asp.Net]

Overview:

This course teaches Object oriented programming in C# language. Anybody can work with console application using C# and Asp.net is the programming language used for web development.anybody can developed web sites using Asp.net.

C#: Syllabus DURATION 25 hours

- Brief overview of Object Oriented Programming object-oriented
- Programming disciplines.
- Introduction to C# console Application.
- Its classes, properties.
- Learn C # language
- Features, components, editors.
- C# class properties, type, attribute, variables, constants, expressions, operations.
- Understand control statements, classes, events,
- inheritance types
- Constructor, private constructors, constructors chaining, static constructor, destructors
- overloading and overriding
- polymorphism static and dynamic ,working with virtual methods
- abstract class
- interface
- file handling with predefine classes
- generics
- delegates

Asp.net (web Development) DURATION 25 hours

Asp.net is the programming language used for web development.anybody can developed web sites using Asp.net. If you want to get employed as a web developer at a company that utilizes Microsoft technologies, you need to master in ASP.NET.

- ASP.Net basics Introduction.
- Identifying basic features of web development.
- Introduction to IIS server.
- Understand the page lifecycle of asp.net .
- Introduction to slandered controls in toolbox.
- creating first web application with " hello world" program.
- creating GUI with help of input controls.

- Validation controls.
- Implement navigation in web application.
- state management techniques in asp.net.
- Introduction to SQL .working with Database using Ado.net.
- connected and disconnected architecture of ado.net
- Introduction to LINQ,LINQ query, Manipulate data using LINQ and its operators. LINQ to object,LINQ to XML
- LINQ to SQL
- Master pages, cascading style sheets, themes with skin files
- Asp.net Security
- Create rich internet applications using AJAX controls
- Introduction to web services.
- Deployment.
- Introduction to JavaScript & JQuery.

2: Course[C# with WPF]

Overview:

This course teaches Object oriented programming in C# language. Anybody can work with console application using C# and WPF is the programming language used for Windows Application. Anybody can developed graphic based windows (desktop application) application. And also can develop for game programming. If you want to get employed as a windows software developer at a company that utilizes Microsoft technologies, you need to learn windows/Wpf .net.

Syllabus: Widows/Wpf DURATION 20 hours

Chapter 1: Building a user interface

Lesson 1:standered control of windows

Basic control

List control

Navigation control

Validation control

Lesson 2:

Dialogues controls.

Transferring data between forms.

Chapter 2: Introduction of wpf

Lesson1:features of wpf and basic controls

Basic controls in wpf

Expander

Tablelayout

Toolbar

Scrollviewer

Image

Password box

Stack panel

Wrap panel

Dock panel

Lesson2:properties in wpf

Dependency property.

Chapter 3: working with Event & command

Lesson 1: Event

Routed event

handle regular,bubbling,tunneling event

Working with event handler

Lesson 2: Resources in wpf

Static Resources.

Dynamic Resources.

Chapter4: Graphics

Lesson1: Graphics control

Brushes

Shapes

Transformations

Lesson 2: Multimedia content

Multimedia content

Using MediaPlayer

Using soundplayer

Chapter5: working with sql database and data binding

Lesson1: Databinding with windows application

Connected Architecture

SqlConnection object

SqlCommand object

SqlDataReader object

Lesson2: working with sqlparameter

Methods of Command Objects, SqlParameter

Lesson 3: store procedure

Connectivity using Store Procedure

Creating Store procedure

Lesson 4: Disconnected Architecture-

SqlConnection object

SqlDataAdapter object

Dataset object

Chapter:6 Deployment

Lesson1: deploye the windows application.

- Deployment project with Setup Wizard

3: C# with Asp.net MVC

Overview:

Developing applications using ASP.NET MVC Developed by Microsoft, ASP.NET MVC is a web application framework technology. It is an alternative to the ASP.NET Web Forms and it implements a model–view–controller (MVC) pattern for creating Web applications.

The course begins with exploring ASP.NET MVC and gradually proceeds into the details. It covers understanding the MVC design pattern in ASP.NET MVC, developing powerful controllers and building a compelling and maintainable HTML user interface using the Razor view engine.

it has gained a lot of popularity amongst developers using Microsoft technologies. If you want to get employed as a web developer at a company that utilizes Microsoft technologies, you need to master ASP.NET MVC.

Syllabus MVC Framework (model-view-controller) Hours:

1. Overview of the ASP.NET MVC

Introduction of ASP.NET MVC

Role of Model, View, and Controller

How ASP.NET MVC Works

Benefits of using ASP.NET MVC

Comparison of ASP.NET VS ASP.NET MVC

2. Getting Started with MVC and its Action Result type

Understanding the structure of an ASP.NET MVC project

Creating views

Defining controllers

Defining a data model

Overview of coding standards follows during programming

Types of Action Result in MVC

3. Creating an application in MVC using Razor View Engine

Razor Basics and Implementation of Razor view

Creating strongly-typed views

Understanding URLs and action methods

TempData, view Bag and View Data with example

4. Validation in MVC

5. Overview of Entity Framework and its approaches

Over View of Entity Framework

Code First Approach with example

Model First Approach with example

Database First Approach with example

Implement CRUD operations

Build forms with validation

6. Introduction to JavaScript & JQuery

7. Integration of WEB API service with MVC

Basics of WEB API service creation

WEB API and its types of contracts

How to consume the WEB API service with MVC

Contact:

Chaitanya Patil

Course Coordinator

Speed16 Academy (www.Speed16.com)

(Online/Offline School, Sports & IT Training Academy)

Call/Whatsapp: +91-9766-77-6237

Email: speed16@speed16.com

Direct Whatsapp (<https://wa.me/919766776237/?text=Hi>)

Direct Telegram (<https://t.me/CP512>)

Excellent Paperback, eBook, Video Course, FREE Work Book and FREE Online Training on "**Vedic Speed Mathematics**" (World's Fastest Mental Calculation System)

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Link: www.Speed16.com

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Introductory Video: <https://youtu.be/R-Hipm4kyGs>

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Whatsapp: +91-9766-77-6237

Direct WhatsApp: <https://wa.me/919766776237/?text=Hi>

Email: speed16@speed16.com

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Sharing is Caring. Share with All.

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