

## Asp.Net MVC Training Course Content

### INTRODUCTION TO ASP.NET MVC

- Introduction to MVC Architecture
- Advantages of MVC
- Why MVC approach?
- Page Life Cycle in MVC
- What is Routing?
- Routing execution in MVC
- What is Controller and action method
- What is View
- What is Model
- Request Flow in ASP.NET MVC

### CONTROLLERS

- Introduction to Controllers
- Creating Controllers
- Creating Actions
- ActionResult
- Action Selectors
- NonAction
- Action Verbs
- ActionLink
- Parameters in URL
- Default Parameter Values

### VIEWS (RAZOR)

- Introduction to Views
- Difference between Razor & Aspx View engines.
- Introduction to Razor Mark-up
- View Bag
- View Data
- Temp Data
- Designing a layout Page

## **PARTIAL VIEWS**

- Partial Views
- RenderPartial()

## **HTML HELPERS**

- Introduction to HTML helpers
- DisplayNameFor( )
- DisplayFor( )
- LabelFor()
- ValidationMessageFor( )
- RadioButtonFor( )
- DropDownListFor( )
- ListBoxFor( )
- CheckBoxFor( )

## **MODELS**

- Introduction to Models
- Creating Model classes
- Creating Views using Model Classes
- Data Annotations in Model

## **SCAFFOLD TEMPLATES IN MVC**

- Introduction to scaffold Templates in MVC
- Creating controllers and views using scaffolding
- Strongly typed views
- Understanding Index, Details, Create, Edit, Delete action methods and views

## **ACTION FILTERS**

- Introduction to action filters
- [HttpPost]
- [HttpGet]
- [ValidateAntiForgeryToken]
- [OutputCache]
- [HandleError]
- [NonAction]
- [ActionName]

## **VALIDATIONS**

- Introduction to Validations

- [Required]
- [RegularExpression]
- [Range]
- [StringLength]
- [Compare]
- [Remote]
- IsValid

#### DATA ANNOTATIONS

- [Display]
- [Datatype]
- [DisplayFormat]
- [ScaffoldColumn]

#### ENTITY FRAMEWORK IN MVC

- Introduction to Entity Framework
- Architecture of Entity Framework
- DB first approach
- Code First approach
- Creating DbContext and DbSet
- Configuring connection string
- Data annotations in Entity Framework
- Fluent API in Entity Framework

#### WEB API

- Introduction to Web API
- Why Web API?
- Understanding HTTP methods – GET, POST, PUT, DELETE
- Creating API controller
- Web API Routing
- Consuming Web API

#### Contact Info:



+91 9884412301 | +91 9884312236



Know more about [MVC](#)



info@credosystemz.com



New # 30, Old # 16A, Third Main Road,  
Rajalakshmi Nagar, Velachery, Chennai  
(Opp. to MuruganKalyanaMandapam)

[BOOK A FREE DEMO](#)