

# **Model-View-Controller (MVC) pattern using Visual Studio**

## **(Two day Workshop)**

### **About the Course**

The debate on whether Model-View-Controller (MVC) is a design pattern or an architectural pattern will proceed in its own way. However, one could aim to understand the tips and tricks in depth first and then decide what it is actually.

There needs to be focus on the application areas can be benefited out of using MVC, and implement the same. As is well known, the value of knowledge does not manifest until implementation takes place.

Digging into MVC with Visual Studio is the primary direction of this two day course. Understanding the theory and implementing with extensive hands on lab is the focus of this specially designed workshop.

### **Workshop objectives**

At the end of this course, participants will be able to:

- ❖ Understand Model-View-Controller concepts in depth
- ❖ Design and Develop ASP.NET applications with MVC
- ❖ Learn integration of AJAX and JQuery in MVC based projects

### **Workshop Contents**

The two day workshop would cover the topics as noted below. There would be exercises at appropriate junction points to elaborate and understand the concepts.

- ❖ Introduction
- ❖ Understand and develop Model, View and Controller with ease
- ❖ Using HTML Helpers
- ❖ JQuery and AJAX Integration
- ❖ Routing Concepts
- ❖ Injecting Dependency
- ❖ Unit Testing MVC projects

- ❖ Applying Test Driven Development
- ❖ Understanding the Road Ahead