

# **ASP.NET with Ajax (One day Workshop)**

## **About the Course**

“ASP.NET with Ajax” workshop explains how browser-centric web applications using Microsoft’s ASP.NET framework could be built. This in-depth, fast-paced course provides the core concepts and practical skills necessary to develop web applications. The workshop also provides the opportunity to explore ASP.NET features such as web forms, custom controls, validation, data binding, caching, security, master pages, navigation, AJAX, and more.

The theory presented during the course is supported by a number of practical exercises that demonstrate the concept of ASP.NET with Ajax.

## **Workshop objectives**

By attending this one day workshop, the participants would be able to learn -

- ❖ how to architect pages in a web application
- ❖ when to build custom controls or user controls
- ❖ what are the benefits of using declarative data binding
- ❖ how to secure an application
- ❖ how to make an ASP.NET application more interactive using Ajax

## **Workshop Contents**

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

- ✓ Understand the ASP.NET architecture
- ✓ Build pages using server-side controls, custom controls, and user controls
- ✓ Validate user input using validation controls
- ✓ Display and update data using declarative data binding
- ✓ Employ security to authenticate and authorize users of your application
- ✓ Use master pages and themes to create a consistent look and feel
- ✓ Configure your ASP.NET application
- ✓ Manage state of your ASP.NET application
- ✓ Use caching to improve performance
- ✓ Understand Ajax basics
- ✓ Learn ASP.NET Ajax framework
- ✓ Add Ajax features to your ASP.Net application
- ✓ Get introduced with LINK and Silverlight

Note:

It is expected that the participants have a basic knowledge of C#, .NET framework, ADO.NET, IIS, HTTP, HTML, and the mechanics of browser-based applications