

## **Course Contents of ASP .NET with C# .Net**

### **Working with .NET Technology**

- Introduction to .NET
- Understanding the CLR
- Understanding the Framework
- Working with Visual Studio 2008

### **Language Syntax of C#**

- Object Oriented Programming System (OOPS)
- Inheritance
- Events and Delegates
- String Handling
- Exception Handling
- Working with Collections
- Work with Generics
- Memory Management Issues

### **ADO .Net with SQL Server 2005/2008**

- Introduction to Management Studio
- Working with LINQ
- SQL Statements
- JOINS
- Constraints
- Creating and using Views
- Stored Procedures
- Transaction Management
- Creating and Using Triggers
- Database Programming with ADO.NET
- Inter operatiability
- Assemblies

### **Web Programming with ASP.NET**

- Web Programming Concepts
- Hyper Text Markup Language
- Cascading Style Sheets
- Dynamic HTML and JavaScript
- Designing Models of the Web Forms
- Working with Server Controls
- Validation Controls in ASP.NET
- Intrinsic Objects under ASP.NET
- State Management
- Data Binding and Reporting

- Merging contents of a page in Web Forms
- Caching
- Mailing with ASP.NET
- Uploading files
- Creating Auto changeable Ads
- Skins and Themes
- **Web Services**
- **WPF with C#**
- **WCF with C#**
- Working with Reflection
- Creating Client/Server Applications with Remoting
- ✓ **AJAX with ASP.NET**
- ✓ **Security in ASP.NET Applications**
- ✓ **Globalization and Localization**
- ✓ **Create and using the Crystal Reports**

## **Project**

Requirements analysis of Project  
Project code Execution  
Project Testing

### **Deployment of Website**