Certification In ASP.net with C# Language Course
Course Content

Introduction To .NET (C#)

* What Is .NET

* Introduction To .NET Framework

* Basic Functionality Of CLR

* MSIL

* About Platform Independency

* Why Language Interoperability

* CTS And CLS

* .NET Languages, Assemblies, Garbage Collection

* Architecture Of GC And Application Domain

.NET Features

* WPF Designer And Windows Form Integration

* Multi-Framework Targeting

* Better Intelligent Support

* Refactoring And Enhancements

* Visual Studio Split View

* Debugging The .NET Source Code

.NET Language

* Features Of VB.Net

* Writing Programs In VB.Net

* Compiling And Execution From Command Prompt

Data Types, Expressions And Operators

* Option Statements, Type Casting

* Boxing And Unboxing

* Built-In Functions In VB.Net

* Sub Programs And Working With Arrays

Object Oriented Programming With.Net

* Principles Of OOP

* Data Encapsulation, Data Abstraction

* Properties, Method Overloading, Constructors
* Inheritance, Overloading And Overriding
* Shadowing
* Abstract Classes And Sealed Class
* Polymorphism
* Delegate - Unicast And Multicast
* Events
* Collections, Directories, Strings, String Builders
* Attributes, Namespaces And Generics

Windows Applications
* Introduction To System.Windows.Forms.DLL
* Basic Controls And Event Driven Programming
* Programming With Advanced Controls

Pointers
* What Is A Pointer?
* Declaring A Pointer Variable
* Initializing A Pointer Variable
* Using A Pointer Variable
* Pointer Arithmetic
* Pointers And Array
* Passing An Entire Array To A Function

Windows Control Library

Error Handling
* Structured Error Handling
* Error Categories
* Debug And Trace Classes
* Code Optimization
* Testing Phases And Strategies

Data Access With ADO.NET
* Introduction To Access Libraries DAO,RDO,ADO

* Limitation Of ADO
* ADO.Net Objects And Usage
* ADO.Net Managed Providers

File Stream

Multi-Threading
* Thread Class
* Sleep, Suspend And Resume Thread
* Asynchronous Connection
* Synchronization Of Threads

Assemblies
* COM Architecture
* Creating Shared And Private Assemblies
* Storage Name Utility
* Native Generator Utility
* Assembly Versioning
* Configuration Files Of Shared Assembly
* Managed Code And Managed Execution
* COM Interoperability

Windows Services

Crystal Reports