**ASP.Net with C# Syllabus**

**Console Application Syllabus**

 **Introduction of .NET Framework**

 **Components of .NET Framework(CLR,JIT,VES,CTS)**

 **Introduction to Tools(Visual Studio)**

 **Difference B/W Visual studio 2005,2008 and 2010**

 **Datatype & Operators**

 **Control Statements and Loops**

 **Classes, Objects Methods and Namespaces**

 **Array, Structure & Enum**

 **Static Polymorphism, Inheritance, Dynamic Polymorphism,**

**Properties**

 **Interfaces & Abstract Classes**

 **Exception Handling**

 **I/O**

 **Delegates**

 **ADO.NET connectivity**

**Desktop Application Syllabus (Windows Application)**

 **Introduction**

 **Common Controls**

 **Containers**

 **Menus & Toolbars**

 **Notepad**

 **Database connectivity**

 **Dialog Box & Timer controls**

 **MDI Forms, Dynamic Notepad**

 **Database**

 **Project**

 **Setup & Deployment**

**Web Application Syllabus(.ASPX Applications)**

 **Inroduction**

 **HTML**

 **CSS**

 **Javascript**

 **Standard Controls with effect of CSS**

 **Validations with and without JavaScript**

 **Master Pages**

 **Page Navigations**



 **ADO.NET (DATA BASE APPLICATIONS)**

 **Data Controls**

 **State Managements (Sessions, Query Strings, Application**

**Variables & Cookies)**

 **Minor Project**

 **Ajax Controls(Ajax Toolkit)**

 **Crystal Reports**

 **Web Services**

 **Mail Sending in .NET**

 **Encryption and Decryption**

 **XML**

 **Connectivity using XML**

 **LINQ**

 **Client Server architecture**

 **MVC Architecture**

 **Membership, Administrating Site and Login Controls**

 **Caching**

 **Intro to Cloud Computing & Silverlight**