Summer Training

'Programming in .NET Technologies'

Detailed Syllabus

1. **C#**

Getting Started with .Net Framework, Exploring Visual Studio .NET, Inside a C# Program, Data Types, Statements, Arrays, Using Strings, Objects, Classes and Structs, Properties, Inheritance, Indexers, Delegates, Events, Namespaces, Exception Handling, Assemblies, Windows Forms, Controls, Data binding to Controls, MDI Form, Advanced Database Programming using ADO.net.

2. **Database Management System:**

Relational databases, Creating Table, Editing and Updating table information, SQL Query, Working with MS-Access, MSSQL Server

3. **ASP.net**

Building a Web Application, Examples Using Standard Controls, Using HTML Controls, Validating Form Input Controls using Validation Controls, Understanding Applications and State, Applying Styles, Themes, and Skins, Creating a Layout Using Master Pages, Binding to Databases using Controls, Data Management with ADO.net, Creating a Site Navigation Hierarchy, Navigation Controls , Membership and Role Management, Login Controls, Using Crystal Reports in Web Forms.