

Microsoft .Net Module (Beginners)

Duration – 2 Months

1. Asp.Net
2. C#
3. SQL Server
4. Project

1. Asp.net

Part – I

- a. .Net Framework
- b. .Net Application Architecture
- c. Web UI

1. HTML
2. XHTML
3. Cascade Style Sheet (CSS)
4. JavaScript

- d. Asp.net

1. Asp.net Introduction and Features
2. Visual Studio 2005 and 2008
3. Web Forms
 - a. Page Processing
 - b. Page Event Modal
 - c. Page Life Cycle
 - d. Page Class and Objects

- Request
- Response
- Server
- User
- Trace

4. Server Controls

- | | | |
|---------------------|-------------------|------------------|
| ▪ Label Control | ▪ Textbox Control | ▪ Button Control |
| ▪ Link Button | ▪ Image Button | ▪ List Box |
| ▪ Bulleted List | ▪ Panel | ▪ Calendar |
| ▪ Ad Rotator | ▪ Image Map | ▪ File Upload |
| ▪ Check Button | ▪ Checkbox list | ▪ Radio Button |
| ▪ Radio Button List | ▪ Dropdown List | |

- 5. Asp.net Applications
 - a. Validation Controls
- 6. State Management
 - ViewState
 - Session
 - Querystring
 - Application
 - Cookies

Part – II

- 7. Ado.Net Fundamentals
 - Connection Object
 - DataAdapter Object
 - Command Object
 - DataReader Object
- 8. Data Components and Dataset
 - Dataset
 - DataView
 - DataTable
 - DataRow
- 9. Databinding
- 10. Rich data controls
 - a. Gridview
 - b. Formview
 - c. DetailView
- 11. Master Pages
- 12. Themes/Skin Files
- 13. File Stream

2. C# Language

- C# Introduction
- Expressions and Operators
- Classes and Methods
- Exceptions
- Interface
- Types, Storage and Variables
- Statements
- Arrays
- Structures
- Inheritance

3. SQL Server

- DDL, DML and DCL
- Group by and Having
- Stored Procedures
- Aggregate functions
- Joins