

Industrial Training Syllabus for “.NET”

DURATION: 6 Months (4 hrs a day)

LIMITED SEATS, ADMISSION ON FIRST COME FIRST SERVED BASIS

FEE : Rs.15000/- + Service Tax @12.36% , payable in two equal installments

COURSE CONTENTS:

Windows Application

1. Introduction of .Net Framework, Advantages of .Net Framework Installation (Toolbox, Solution Explorer, Properties windows)
2. Loops, Control Statements, Operators, Data Types, OOPS concepts.
3. Controls: - Label, Button, Textbox, Radio button, Checkbox, Rich textbox.
4. List box, Combo Box, Main Menu, Context Menu, ToolTip, Dropdown list, Tab Control Panel etc.
5. Introduction To Inheritance & Interfaces.
6. Adapter, Connection, Dataset
7. Data Reports

Web Application

1. Understanding Client-Server, Prerequisites, Importance Of IIS, Difference Between Window-Form and Web Form, Creating Virtual Directory.
2. Creating Your First Web-Application, Files in Web-Application, Page Directives, Understanding Code-Behind.
3. Introduction To Controls:-HTML Controls, Server Controls, Validation Controls, Users Controls.
4. Validation Controls, Users Controls With examples.
5. **Server Controls:** - Form View, Detail View, Grid View, Data List, Repeater.
6. Introduction To State Management.: - Cookies, Query String
7. State Management. - Application Variables, Session Variables.
8. **Security**:-Introduction To Form Authentication.
9. Windows Authentication, Passport Authentication
10. Related .NET Techniques: Internationalization - Case study - Deploying n-tier application, E- Governance applications.

MS SQL Server

1. Introduction to SQL Server,
2. Creating Database, Creating Tables, Relations.
3. Manipulating data in SQL.
4. Store Procedure, Trigger, Cursor

Industrial Project

1. Front End: .NET
2. Back End: MS SQL Server