ZENUS INFOTECH INDIA PVT. LTD.
CURRICULUM OF DOT NET

Course Duration: 6-8 Weeks*

Introduction to .NET

- .Net Framework and CLR
- Introduction to Visual studio

Introduction to C#

- Overview of C#
- Data Types
- Memory Concepts
- Control Structures
- Arrays
- Namespaces

Object Oriented Programming

- Classes and Objects
- Constructors
- Inheritance
- Polymorphism
- Abstract
- Interface
- Delegates
- Exception Handling
- Reflections
- Indexers
- Threading

Graphical User Interface

- Intro to Win forms
- Event handling
- Toolbox
- Custom toolbox controls
- User defined controls
- Graphic controls
- Files and streams
- Usage and implementations of controls
- Software Development

MSSQL Server

- Intro to databases
- Relational database concepts
- Structured Query Language
- Stored Procedures
- Functions
- Triggers

ADO.NET

- Basics of Ado.net
- Connected and Disconnected modes
- Programming with Ado.net
- CSS and JavaScript
- HTML

ASP.NET

- Intro to Web forms
- Web Controls
- Server Controls
- Client Controls
- Navigation Controls
- Validations
- Master Page
- State Management Techniques
- Caching
- AJAX
- Web Services
- WPF
- Silverlight

Project Work

- Development
- Unit Testing
- Deployment
- Documentation