

Krafting Your Skills

COURSE : .Net

DURATION : 120 Hours

PREREQUISITE : Knowledge of C, C++, Basic knowledge of HTML & CSS Tags

MODULE 1 – FRAMEWORK (4.5 ,5.0 onwards)

- Introduction of .NET
- Application area of .NET in industry
- Introduction of Framework
- Classification of Framework
- IDE's to use .NET with specialized features
- Overview of OOP
- Introduction to c# .NET
- I/O statements in C#
- Simple programs in C#
- Data Types in C# .Net
- Data conversions/Type casting
- Library function in C#
- Looping constructs:
 - a) If and its types with examples
 - b) For loop with examples
 - c) While loop with examples
 - d) do while loop with examples
 - e) foreach loop for array and strings
- User Defined functions with its types
- Implementation of OOP features
 - a) Constructor and deconstructor
 - b) Polymorphism (Function overloading and overriding)
 - c) Inheritance with its types and examples
- Working with arrays
- Enumerator
- Exception handling
- Event Logs
- Serialization
- Globalization
- Threads
- String & operations / StringBuffer
- Collection
- Regular Expression
- Security – Code declarative / role based Security
- Zip File operation
- Project/ Case study Based on OOP Implementation*
- Project/case study Based on Architecture design & development *

MODULE 2 – WINDOWS APPLICATION

- Design GUI
- Windows Form Controls
- Common Controls
- Container
- Menus & Toolbars
- Dialog Box
- LINQ
- Basics of database
- Database connections with Application
- Reports & Printing
- Creation of Executable Project
- Project Deployment
- Project based on customized desktop Application *

MODULE 3 – WEB APPLICATION (Asp.net)

- Introduction to WWW
- HTML programming
- ASPX Forms with c# programming
- CSS
- Standard Tools in HTML & ASPX
- Form Validation tools
- Navigation
- Crystal Reports /Reports with web Form
- Database connections with Application
- Design application with Customized Template
- Basic Ajax Tools
- Web Deployment