

ELECTIVE COURSE III -2
MICROSOFT WINDOWS PROGRAMMING TECHNOLOGY

UNIT-I

C# and .NET historical background – C# language fundamentals – Object oriented capabilities of C#.

UNIT-II

Structs – Interfaces – Arrays, indexers – Strings – Exceptions – Events and Delegates.

UNIT-III

Building windows applications in C# - Accessing data with ADO .NET

UNIT-IV

Programming web application with web forms – Sample application creation using WebForms.

UNIT-V

What is web service – Web service standards & their specification - Web services programming.

TEXT BOOK:

1. **LIBERTY Jesse**, Programming C#, Shroff publishers & distributors/O’Rielly, First edition, Feb 2002 (ISBN 81-7366-431-5) [**Unit-1** :(Chapters 1, 2, 3, 4, 5, 6); **Unit-2** : (Chapters 7, 8, 9, 10, 11, 12); **Unit-3** (Chapters 13, 14); **Unit-4** (Chapters 15), **Unit-5** (Chapters 16)]

REFERENCE BOOK:

1. **Hoffman Kevin et aln..**, Professional .NET framework, Wrox press/Shroff publishers, 2003 (ISBN 81-7366-401-3).
2. **Angshuman Chakraborti, Roopendra Jeet Sandhu et aln...**, .NET framework, Prentice Hall India ltd, 2002, ISBN 81-203-2049-2.
3. Visual Studio.NET IDE for Dummies, IDG book house, 2005.
4. **Jesse Liberty (Author), Donald Xie (Author)**, Programming C# 3.0 (Programming) Publisher: O'Reilly Media, Inc.; 5 edition (January 11, 2008) ISBN-10: 0596527438, ISBN-13: 978-0596527433