

C	L	P	T
4	5	-	5

UNIT I

Introduction to .NET: .NET defined; .NET Framework; Visual Basic.NET.

UNIT II

Object oriented programming and VB.NET: Encapsulation, Inheritance, polymorphism; creating windows forms applications; creating a web form applications;
Arrays: Introducing arrays; multi dimensional arrays; dynamic arrays; the array class members;

Conditional logic: The if...then..else statement; select...case statement; do... loop statement; while...end statement; for...next statement.

UNIT III

Dialog boxes: introducing to dialog classes; the message box class; common dialog class; savefiledialog class; color dialog class; fontdialogclass.

Namespaces: creating namespaces; namespaces in .NET.

Unit IV

Classes and Objects: introduction to classes; creating a class; inside classes; overloading and overriding; constructors and destructors.

Unit V

Specific controls: derived controls --- button, checkbox, combo box, datagrid, hscrollbar and vscrollbar, radiobutton, textbox.

REFERENCE BOOKS

1. Bill Evjen, Jason Beres, et al, Visual basic .NET programming, first edition, IDG Books India Ltd, jan 2003.
2. Steven Holzner, VB.NET Programming ,Dreamtechpublications , 2003.