

Devi Ahilya University, Indore, India Institute of Engineering & Technology				BE III Year (Information Technology)					
Subject Code & Name	Instructions Hours per Week			Marks					
3IT456 Software Workshop	L	T	P		TH	CW	SW	PR	Total
	-	-	2	Max	-	-	50	50	100
	Duration of Theory Examination Only practical examination will be held				Min	-	-	25	25

Course Objectives: - To familiarize students about Visual Basic.NET its components, applications, and services. XML based web page designing

Prerequisite: Visual Basic, HTML

COURSE OF CONTENTS

UNIT I

Introduction to .NET, VB6 and VB.NET differences, programming with .NET.

UNIT II

Object-Oriented Programming and VB.NET, Data Types, Variables and Operators, Arrays, Conditional Logic, Procedures, Dialog Boxes, Error Handling, Namespaces, Classes and Objects, Multithreading.

UNIT III

IDE for VB.NET, Data access in .NET, Windows Forms, Specific Controls, and Visual Inheritance.

UNIT IV

VB.NET and the Web, Introduction to ASP.NET, Page Framework, HTML Server Controls, Web Controls, Events. XML scripting and API for XML.

UNIT V

Web Services- SOAP, WSDL, Disco and UDDI, Instantiating-Invoking Web Services, Creating proxy classes with WSDL, Creating Web Service Project.

BOOKS RECOMMENDED:

[1] Bill Evjen, JasonBeres, Visual Basic.NET Programming, Bible, WILE Dreamtech, 2005.

[2] Jeffrey R. Shapiro, Visual Basic.NET, The Complete Reference, Tata McGraw-Hill, 2006.