

MAJOR BASED ELECTIVE – I - VISUAL PROGRAMMING

UNIT-I

.Introduction to Visual Basic – Integrated Development Environment (IDE) features - VB editor - customizing the IDE - Anatomy of a form - Working with form properties - setting form's properties - Introducing form events & form methods.

UNIT- II

Variables in Visual Basic: Declaring variables - Data types - Null value, Error value, Empty value - The scope of a variable - Module level variables - constants - Creating your own constants - scope of a constant - converting data types - arrays -declaring arrays - fixed size arrays - dynamic arrays - preserve keyword -REDIM

Writing code in Visual Basic: The anatomy of a procedure - subroutine and functions - language constructs: for, next, the while loop, select case, Exit statement, with structure.

UNIT-III

Selecting & Using controls: Introducing to standard controls - Command buttons - Text buttons - Text buttons - levels - option buttons -check boxes - frame controls -list boxes - combo boxes - Image objects - picture boxes -Timer - scroll bars - file system controls

UNIT-IV

Introduction to Built In Active X Control: Tool bar - the treeview control - the Listview control - the Imagelist control - common Dialog control - Status bar control - Rich textbox control - Menu Editor.

UNIT-V

DDE properties - DDE Events -DDE methods -OLE properties - Active X control creation and usage and Active X DLL creation and usage -Data Base Access - Data control - Field control - Data Grid Record set using SQL to manipulate data - Open data connectivity (ODBC)

Text Book

Mohammed. Azam, Programming with Visual Basic 6.0- VIKAS publishing House pvt. Ltd.,