ALLIED COURSE – V – VISUAL PROGRAMMING

UNIT – I

Introduction to Visual Basic: Integrated Development Environment (IDE) features – Working with form properties – setting form's properties - introducing form events and form methods. Variables in Visual Basic: Declaring Variables – 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.

UNIT – II

Writing Code in Visual Basic: Language constructs – For… Next, The while loop, Select Case… End Select, Exit statement, With Structure. Introduction to standard controls – Command buttons – Text boxes – Labels – Option buttons – Check boxes – Frame controls – List boxes – Combo boxes – Image objects – Picture boxes – Timer – Scroll bars – File system controls (Drive, DirList, File List boxes).

UNIT – III

Introduction to Built-in ActiveX control – Toolbar – The Tree view control – The List view control – the Image list control – Common Dialog control – Status bar control – Rich textbox control – Menu editor.

UNIT – IV

DDE Properties – DDE Methods – OLE properties – Active Control Creation and Usage and ActiveX DLL creation and usage – Database access – Data Control – Field control – Data grid record set using SQL to manipulate data – Open Data Base Connectivity.

UNIT – V

Introduction to **. NET -** Using Visual Studio – Stand alone application – web based applications, Introduction to databases.

Text Books Recommended:

1. Mohammed Azam, Programming with Visual Basic 6.0 – Vikas Publishing House
2. Content Development Group, Visual Basic 6.0 – Tata McGraw Hill
3. .Net – Web source.