

III B.Sc (Computer Science) / V Semester

VISUAL PROGRAMMING

UNIT I

Customizing a Form - Writing Simple Programs - Toolbox - Creating Controls - Name Property - Command Button - Access Keys - Image controls - text Boxes - Labels - Message Boxes - Grid- Editing Tools - Variables - Data Types - String- Numbers.

UNIT II

Displaying Information - Determinate Loops - Indeterminate Loops - Conditions - Built in Functions - Functions and Procedures.

UNIT III

Lists - Arrays - Sorting and Searching - records -Control Arrays - Combo Boxes - Grid Control -Projects with Multiple forms - DoEvents and Sub Main - Error Trapping.

UNIT IV

VB Objects - Dialog Boxes - Common Controls - Menus - MDI Forms - Testing , Debugging and Optimization - Working with graphics.

UNIT V

Monitoring Mouse activity - File handling - File System Controls - File System Objects -COM/ OLE - automation -DLL Servers - OLE Drag and Drop.

Books for study

1. Gary Cornell – Visual Basic 6 from the Ground up – Tata McGraw Hill – 1999
2. Noel Jerks - Visual Basic 6 (the complete reference) – Tata McGraw Hill 1999