

VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT
M.Sc. (Information Technology) Programme
5th Semester Syllabus

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Paper No : 501

Paper Title : GUI Tools

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1. Introducing Visual C++ 6
 - 1.1 Functions
 - 1.2 Structures
 - 1.3 Classes

2. Dialog Boxes and Basic Controls
 - 2.1 Dialog Boxes
 - 2.2 Button Controls
 - 2.3 Edit Controls
 - 2.4 List Box and Combo Box Controls

3. Windows and MFC Architecture
 - 3.1 Messages and Event Driven Programming
 - 3.2 The document/View Architecture

4. Menus

5. The Graphics Interface
 - 5.1 Device contexts
 - 5.2 Using Pens and Brushes
 - 5.3 Fonts
 - 5.4 Icons and Cursors

6. ActiveX
 - 6.1 ActiveX Control Fundamentals
 - 6.2 ActiveX Control Properties
 - 6.3 ActiveX Control Methods
 - 6.4 ActiveX Control Events

- 7 Introduction to COM and DCOM

Reference Books:

1. VC++, COM, and Beyond - Yeshavant Kanetkar & Sudesh Saoji - BPB2. Developing
2. ActiveX Components with Visual Basic 5.0 - Dan Appleman - Techmedia
3. COM/DCOM Unleashed - Randy Abernethy - Techmedia
4. Mastering Visual C++ 6 - Michael J. Young - Sybex
5. Teach Yourself Visual C++ 6 in 24 Hours - Micky Williams - Techmedia
6. Professional DCOM Programming - Dr.Richard