YEAR – II	VISUAL PROGRAMMING	PCA1018S
SEMESTER – IV	For the students admitted in the year 2010 - 2011	HRS/WK – 5
CORE -16		CREDIT – 4

Objective:

❖ To enable the students to learn the basic functions, principles and concepts of Visual programming.

UNIT-I

Fundamental of MFC: MFC Class Hierarchy, Various Object Properties – COobject, CWinApp, CWnd

UNIT-II

MFC Basic Classes: CFile, CGdiObject, CExcept, CDialog, CString, CEdit, CList.

UNIT-III

Resources: Menus, Accelerators, Dialogs, Icons, Bitmaps, Versions, AFX Functions, Message Maps and Document/View Architecture.

UNIT-IV

Visual C++ Programming (contd.): Advanced MFC: DAO & ODBC – Data access methods & Data Controls for Database Applications with multiple document usage.

UNIT-V

Synchronization Classes: CThread, CSemaphore, CMutex and CEvent.

Text Books:

1.Herbert Schildt "Visual C++ 5 from the Ground Up", Tata McGraw Hill, 1997.

Reference Books:

1.John Paul Mueller, "Visual C++ 5 from the Ground Up", Tata McGraw Hill, 1997.

Question Pattern

Time: 3 Hrs   Max. Marks: 75

Section – A (5 x 5 = 25)

Answer ALL the questions

Either OR Pattern

One question from each unit

Section – B (5 x 10 = 50)

Answer ANY FIVE questions out of EIGHT

One question from each unit and three questions from important topics with problems and programs