

SARDAR PATEL UNIVERSITY
Programme: BBA(Information Systems Management)
Semester: III
Syllabus with effect from : JUNE 2012

Paper Code: UM03CBBS03	Total Credit: 3
Title Of Paper: Visual Basic	

Unit	Description in detail	Weighting (%)
1	Introduction to Visual programming & its features VB Project Types VB IDE: Menu bar, Toolbar, Project Explorer, Toolbox, Properties Window, Form Designer, Form Layout, Immediate Window Variable Declaration: Forcing Variable Declaration, Scope, Data Types Control Structure: If---End If Select -----End Select Looping Structure: For---Next I/O using MsgBox and Input box	25 %
2	Designing User Interface Form and MDI Form, Loading and Unloading Form Intrinsic Controls (with basic properties method and events) Picture box, Image box, Textbox, Label, Command button, Radio button, Checkbox, List box, Combo box, Timer Aligning and sizing controls, Menu editor Functions: Len(),Right(),Left(),Mid(),UCase(),LCase() Str(),Val(),Strconv(),IsNumeric(),IsEmpty(),Date(),Time(),Day(),Month () Year (), Format (),Now ()	25 %
3	Database Programming Introduction to ADO, RDO and DAO Arrays: One Dimensional, Two Dimensional Data Control: Properties and method ADO Control: Properties and method Programming with Active Data Objects, Establishing Connection, Executing SQL Statement, Manipulating Recordset Objects Handling Recordset using ADO code Data bound Controls: Data Grid, Flex Grid, Data bound List box and Combo box Sample Application on Database connection.	25 %
4	Advanced Programming and Reporting Declaration and use of one, Advanced Controls (common properties method and events) : Progress bar, Date picker, Month view Reporting: Setting up Data Environment, Connection, Command Building Reports in Designer, Building interface to Reports Testing and Running Report	25 %



Basic Text & Reference Books

- Mastering Visual Basic 6 – Evangelos Petroustos BPB publication
- The Complete Reference Visual Basic 6 – Noel Jerke Tata McGraw Hill
- Visual Basic Programming Black Book – Steven Holzner Dreamtech press

PRACTICAL BASED ON VISUAL BASIC.

- **Intrinsic Controls (with basic properties method and events)**
Picturebox, Imagebox, Textbox, Label, Command button, Radio button, Checkbox, Listbox, Combobox, Scrollbars, Timer, frame
Aligning and sizing controls, Menu editor, MDI Form
Functions
- **Advanced Controls (common properties method and events):**, Progress bar, Datepicker, Month view
- **Sample Application on Database Connection**
Database Connection using Data control, Adodc control and using connection & Record set object, Data Grid, Flex Grid, List box, Combo box
- **Data Report**

