

CVM's
SEMCOM
Course Plan (20014-15)
Faculty Name: - **Yogesh Patel**

ODD SEMESTER

Subject List

- 1) Desktop Application Development.
- 2) Computer Based Project Management.
- 3) VB.NET (Sharing with Mr. Jay Nanavati).

ODD SEMESTER

Class Name : - 4th Years B.B.A. (I.T.M.)
Subject Name: - Desktop Application Development
Total Credits : 4
Lectures per week : 8

Course Objectives:

- 1. The students will become aware about the Visual Studio 2008.**
- 2. The students will able to create Desktop Application using IDE.**
- 3. The students will learn VB.NET Language and its Controls.**

Unit No.	Topic Name	
Unit No. I	Introduction to .NET Framework and VB.NET NET Architecture, .NET Languages, Microsoft Intermediate Language (MSIL), The Just-In-Time (JIT) compiler; VB.NET - introduction, applications and types of project; Introduction to Visual Studio IDE; Creating simple Windows Application using VB.NET; Variables, data types, constants, operators, Typecasting; Creating simple Windows Application using VB.NET	15
Unit No. II	VB.NET Basics Use of conditional statement (if), multi-branching statement (select); Looping Statement: FOR and WHILE, Working with EXIT; Working with procedures introduction, types, use of parameters, parameter passing, calling procedures; Working with Windows Forms – introduction, basic properties, methods and events, use of simple windows forms control; Working with SDI and MDI forms	15
Unit No. III	Developing Windows Forms, Exception Handling Working with basic controls – Button, CheckBox, ComboBox, DateTimePicker, GroupBox, RadioButton, Label, ListBox, PictureBox, TextBox and Timer; Working with advanced controls – LinkLabel, RichTextBox, ColorDialog, FontDialog, TreeView; Error Handling: exception, structured exception using try...catch and final statement	15
Unit No. IV	Persisting Data Using Databases and Files ADO.NET – introduction, applications, architecture (connected and disconnected); Database connectivity using ADO.NET; Use of Data sources, Server Explorer and working with DataSet; Populating data in a DataGridView	15
	Total Lecture	60

Basic Text & Reference Books:-

- Steven Holzner; VB.NET Black Book by Dreamtech publication
- Francesco Balena : Programming Microsoft Visual Basic.NET, Microsoft Press
- Bill Evjen, Billy Hollis, Bill Sheldon, Kent Sharkey and Tim McCarthy : Professional VB 2005 with .NET 3.0

Course Outcome:

1. Students can become aware about the Visual Studio 2008.
2. Students can able to create Desktop Application using IDE.
3. Students can learn VB.NET Language and its Controls.

Class Name : - TYBBA
Subject Name : - Computer Based Project Management - I.
Credits : 3
Lectures per week : 5

Course Objectives:

1. The students will aware about the Microsoft Project Management 2003 Tool.
2. The students will able to create new project using tool.
3. The students will able to develop project plan for any product or services as project with the help of tool.

	Topic Name	
Unit No. I	Project Fundamentals <ul style="list-style-type: none">- Introduction to Microsoft Project Server and Microsoft Project Web Access- Understanding project management Basics and processes- Understanding project stakeholders- Keys to successful Project management	10
Unit No. II	Project planning and organizing <ul style="list-style-type: none">- Creating a project plan- Focusing the project vision- Entering tasks- Importing Tasks from an Excel Worksheet- Recurring Task- Sequencing & organizing tasks- Organizing tasks into an Outline- Setting up work breakdown structures- Adding Supplementary information to Tasks.	13
Unit No. III	Viewing Information <ul style="list-style-type: none">- Different views in project management- Sorting project information- Grouping project information- Filtering Project information- Navigating to a specific location in view	12
Unit No. IV	Scheduling Task <ul style="list-style-type: none">- Setting Task Durations.- Task Dependencies and Scheduling task deadlines.- Task Calendars.	10
	Total Lecture	45

MAIN REFERENCE BOOKS:

1. Teresa S. Stover “Microsoft Office Project 2003”
2. John J. Rakos, “Software Project Management”, 1998, Prentice Hall.
3. Walker Royce, “Software Project Management”, 2001, Pearson Education.

Course Outcome

- 1. Students can aware about the Microsoft Project Management 2003 Tool.**
- 2. Students can able to create new project using tool.**
- 3. Students can able to develop project plan for any product or services as project with the help of tool.**
- 4. Students can score good marks.**