P R GOVT COLLEGE(A), KAKINADA
Department of Computer Science
III B.Com CS-Computer Science/ Semester- V (W.E.F. 2016-2017)
Course Code: CP5313B
Course: Programming in VB.NET-Paper IV
Elective-II

Total Hrs. of Teaching-Learning: 52 @ 6 Hrs / Week   **Credits: 02**

Objectives: This course presents concepts of .NET framework and VB.NET programming
Outcome: Upon successful completion of this course, the student should be able to
1. Understand the basic structure of vb.net programming
2. Different data types
3. Build forms using drag and drop toolbar
4. Able to create and design Menus.

Module-I: **HRS: 10**
   a. **.NET Framework**-The Visual Basic.NET IDE-Properties-Solution Explorer-Menu bar-Tool Bar.
   b. Data types-Numbers, Strings, Dates, Boolean, Storing variables-Representing values, converting values, Methods
   c. Arrays, Initializing Arrays with values, enumerations-Using Enumerations-Constants-Using Constants, Structure -Building Structures adding Properties to structure

Module-II: **HRS: 10**
   a. **Decision making** –If statement, Else statement multiple alternatives with else if, nested IF, comparison operators, string comparison, select case
   b. **Loops**-The For... Next Loop, For Each Loop, Do..Loop, Loops, Nested Loops.

Module-III: **HRS: 10**
   a. Message Box Dialog Box, Creating Menus-Designing Menus, Adding tool bars and controls, Coding Menus.
   b. Multiple Forms

Module-IV:
   a. Dialog Controls: Open Dialog control
   b. Save Dialog Control, Font Dialog Control
   c. Color Dialog Control , Print Dialog Control
   d. Accessing Databases:- Data Access component- OLE DB connection, Data Set, OLE DB Data Adapter, OLE Db command, Data View, Data Building-Data Grid control, The Data Source Property, The Data member Property, Data Base programming with SQL Server.

Reference Books: 1.Introduction to Visual basic.NET-NIIT Prentice Hall of India 2005
                 2. Beginning VB.NET 2003-2004 Edition-Thearon willis, Jonathan
                     Crossland, Richard Blair.

P. R.GOVT. COLLEGE (AUTONOMOUS), KAKINADA
MODEL BLUE PRINT (W.E.F. 2016-17)
III B.Com CS-Course Code: CP5313B
SEMESTER-VI-ELECTIVE II

SUBJECT: Programming in VB.Net   **Time: 3 Hrs**
PAPER- IV   **Marks: 70**

Model blue print for the model paper and choice

S.NO	Type of Question	To be given in the Question Paper			To be answered		
		No. of Questions	Marks allotted to each question	Total Marks	No. of Questions	Marks allotted to each question	Total Marks
1	Section-A Very Short Questions	5	1	5	5	1	5
2	Section-B Short Questions	8	5	40	5	5	25
3	Section-C Essay Questions	8	10	80	4	10	40
TOTAL		**21**		**125**	**TOTAL MARKS**		**70**

Percentage of choice given = $\dfrac{125 - 70}{125}$ x 100= $\dfrac{55}{125}$ x 100 = 44.00%

SUBJECT: Programming in VB.Net (Elective-II)   **Time: 3 Hrs**

PAPER-IV   **Marks: 70**

SEMESTER-V

Section – I

Answer any all questions   **5 x 1= 5 M**

1. Define Method.
2. Explain type conversion?
3. Explain scope of variables?
4. Write Do.. loop syntax?
5. What is an Array?

Section –II

Answer any 5 questions   **5 x 5= 25 M**

6. Write about any 5 toolbox controls?
7. Explain Arrays declaration and setting initial values?
8. Write Select..Case with syntax and example?
9. Write about Nested loops?
10. Explain working with multiple forms?
11. How do you create short cut tool bar?
12. Explain the Coding of Menus.
13. What is a Dialog? Mention the Types of Dialog Controls.

Section –III

Answer all questions   **4 x 10 = 40M**

1. A. What is IDE? Write about Visual Basic.NET Framework.
   OR
   B. What are the Data types supported by VB.NET? Explain variable declaration with syntax?
2. A. Write the decision making statements in VB.NET with syntax and example?
   OR
   B. Explain working of looping statements in VB.NET with syntax and example?
3. A. Explain about Message Dialog Box in detail.
   OR
   B. Explain Creation of menus, adding tool bars and other controls with a suitable example.
4. A. Explain the following Dialog boxes
   a) Font Dialog Control c) Open Dialog Control
   OR
   B. Explain the following Dialog boxes
   a) Save Dialog Box   c) Color Dialog Control