

B.COM (ECOMMERCE)
(FOR THE CANDIDATES FROM THE ACADEMIC YEAR 2020-2020)
(2020-2020 Batch)
I TO VI SEMESTERS: SCHEME OF EXAMINATIONS

Part	Subject Code		Ins. Hours Per Week	Exam				Credit
				Hours	CIA	ESE	Total	
Semester – I								
I	20UTL101	Tamil / Hindi Paper/French – I	6	3	30	70	100	3
II	20UEN101	Communication Skills– I	5	3	30	70	100	3
III	20UEC101	CORE I : Principles of Accounting	5	3	30	70	100	4
III	20UEC102	CORE II : Business Application Software	4	3	30	70	100	4
III	20UEC1A1	ALLIED I : Business Economics	4	3	30	70	100	4
III	20UEC103	CORE III : Programming Laboratory –I : MS – Office	4	3	40	60	100	2
IV	20UHR101	Human Rights	1	2	-	50	50	2
IV	20HEC101	Human Excellence - Personal Values & SKY yoga practice-I	1	2	25	25	50	1
V		Extension Activities : NCC / NSS / Sports & Games	-	-	-	-	-	-
Total			30	-	215	485	700	23
Semester – II								
I	20UTL202	Tamil / Hindi Paper/French – II	6	3	30	70	100	3
II	20UEN202	Communication Skills– II	5	3	30	70	100	3
III	20UEC204	CORE IV : Business Communication	4	3	30	70	100	4
III	20UEC205	CORE V : Fundamentals of E-commerce	4	3	30	70	100	4
III	20UEC206	CORE VI : Programming Laboratory – II : Accounting Package Tally	4	3	40	60	100	2
III	20UEC2A2	ALLIED II : Principles of Management	4	3	30	70	100	4
IV	20EVS201	Environmental Studies	2	2	-	50	50	2
IV	20HEC202	Human Excellence - Family Values& SKY yoga practice-2	1	2	25	25	50	1
V		Extension Activities : NCC / NSS / Sports & Games	-	-	-	-	-	-
		TOTAL	30	-	215	485	700	23

Part	Subject Code	Subject	Ins. Hours Per Week	Exam				Credit
				Hours	CIA	ESE	Total	
Semester – III								
III	20UEC307	CORE VII : Modern Marketing	6	3	30	70	100	4
III	20UEC308	CORE VIII : Object Oriented Programming with C++	5	3	30	70	100	4
III	20UEC309	CORE IX : Advanced Accounting	7	3	30	70	100	4
III	20UEC310	CORE X : Programming Laboratory – III :Object oriented programming with C ++	4	3	40	60	100	2
III	20UEC3A3	ALLIED III: Business Mathematics and Statistics	6	3	30	70	100	4
III	20UEC3N1/ 20UEC3N2	NON-MAJOR ELECTIVE Subjects - 1 Dynamics in E-commerce / E-BANKING	1	2	-	50	50	2
IV	20HEC303	Human Excellence - Professional Values& SKY yoga practice-3	1	2	25	25	50	1
V		Extension Activities	-	-	-	-	-	-
Total			30	-	185	415	600	21
Semester – IV								
III	120UEC41	CORE XI : Financial Markets and Institutions	6	3	30	70	100	5
III	20UEC412	CORE XII : Software Development with Visual Basics	5	3	30	70	100	4
III	20UEC413	CORE XIII : Cost Accounting	7	3	30	70	100	4
III	20UEC414	CORE XIV: Programming Laboratory –IV : Software Development with Visual Basics	4	3	40	60	100	2
III	20UEC4A4	ALLIED-IV: Banking and Insurance	6	3	30	70	100	4
III	20UEC4N3/ 20UEC4N4	NON-MAJOR ELECTIVE Subjects – 2 Applications of E-commerce /E-COMMERCE	1	2	-	50	50	2
IV	20HEC404	Human Excellence - Social Values& SKY yoga practice-4	1	2	25	25	50	1
V	20UNC 401 20UNSS402 20UNSG403	Extension Activities : Annexure I	-	-	50	-	50	1
		Total	30	-	235	415	650	23

Programme Code:	B.com E-Commerce	Programme Title :	Bachelor of Commerce with Ecommerce	
Course Code:	20 UEC412	Title	Batch :	2020-23
		Software Development with Visual Basics	Semester	IV
Hrs/Week:	05		Credits:	04

Course Objective

To enable the students to develop a front end tool for customer interaction in business.

Course Outcomes (CO)

K1	CO1	To remember the fundamental concepts of object-oriented programming.
K2	CO2	To understand Visual Basic's Integrated Development Environment (IDE).
K3	CO3	To Impart the knowledge of various data types used in visual basic.
K4	CO4	To analyze various data controls used in visual basic for creating reports.

Unit-1 (13 Hrs)

Introduction – Client/Server – Benefits of Client/Server – Downsizing – Upsizing – Right sizing – Client/Server Models – Distributed Presentation – Remote Presentation – Remote Data – Distributed Logic – Distributed Data – Client/Server Architecture – Technical Architecture – Application Architecture – Two Tier Architecture – Three Tier Architecture OLTP & n Tier Architecture.

Unit-2 (13 Hrs)

Introduction to Visual Basic – Steps in VB Application – Integrated Development Environment (IDE) – Menu Bar – Tool Bar – Project Explorer Window – Property Window – Toolbox – Properties, Methods and Events – Event Driven Programming – Working with Forms - Variables – ***Scope of Variables*** – Constants – Data Types.

Unit-3 (13 Hrs)

Functions – Procedures – Control Structure: If - Switch – Select – For – While – Do While – Arrays – User Defined Data Types – Data Type Conversions - Operators – String Functions –

Date and Time Functions.

Unit-4 (13 Hrs)

Creating and Using Standard Controls: Form, Label, Text box, Command Button, Check Box, Option Button, List Box, Combo Box, Picture Box, Image Controls, Scroll Bars – Drive List Box – Directory List Box - Time Control, Frame, Shape and Line Controls – Control Arrays – Dialog Boxes - Single Document Interface (SDI) – Multiple Document Interface (MDI) – Menus – Menu Editor – Menu Creation.

Unit-5 (13 Hrs)

Data Controls – Data Access Objects (DAO) – Accessing and Manipulating Databases – record set – Types of record set – Creating a record set – Modifying, Deleting records – Finding records - ***Data Report*** – Data Environment – Report Designer – Connection Object – Command Object – Section of the Data Report Designer – Data Report Controls.

**Italicized texts are for self study*

Power Point Presentations, Seminar, Assignment.

Books for Study:

Noel Jerke (2012) “The Complete Reference VB” ,Tata McGraw Hill Publishing Company Ltd, New Delhi.

Books for Reference::

1. Krishnan.N & Saravanan.N(2013) “Visual Basic 6.0 in 30 days”, Scitech Publications, (India) Pvt Ltd., Chennai.
2. Steven Holzner,(2010) “VB 6 Programming Black Book”, Dream Tech Press, New Delhi.

Mapping

PSO CO	PSO1	PSO2	PSO3	PSO4	PSO5
C01	H	H	M	H	H
C02	M	M	H	H	H
C03	H	M	M	M	M
C04	M	H	H	H	H

H-High; M-Medium; L-Low

Course Designed by	Verified by HoD	Checked by	Approved by
Name and Signature	Name and Signature	CDC	COE
Name: T.Kiruthika	Name: Dr.M.V.Sathiyabama	Name: Mr.K.Srinivasan	Name: Dr.R.Muthukumaran
Signature	Signature	Signature	Signature

Programme Code:	B.Com E-Commerce	Programme Title :	Bachelor of Commerce with E-Commerce	
Course Code:	20UEC414	Title	Batch :	2020-23
		Programming Lab.-IV: Software Development with Visual Basics	Semester	IV
Hrs/Week:	04		Credits:	02

Course Objective

To develop the business applications software using front end and back end tool.

Course Outcomes (CO)

K1	CO1	To keep in mind how to design, create, build, and debug Visual Basic applications.
K2	CO2	To understand the principles of good program analysis and design.
K3	CO3	To verify and run a complete program.

Content (52 Hrs)

1. Develop an application to perform simple arithmetic operations.
2. Create a VB application to calculate simple and compound interest.
3. Develop a quiz application in Visual Basic.
4. Create a VB application with File, Edit and Format Menus and perform its operations.
5. Develop a VB program to count number of words in a text.
6. Create a program to select, add and delete a place in the List Box.
7. Design a simple calculator.
8. Create a student database in Ms-Access. Display the information in the VB form using data control. Perform various manipulations.
9. Create an employee database in Ms-Access and display the information in the VB form using data control. Perform various manipulations.

Mapping

PSO CO	PSO1	PSO2	PSO3	PSO4	PSO5
C01	H	H	M	H	H
C02	M	M	H	H	H
C03	M	M	H	M	M
C04	H	H	H	M	H

H-High; M-Medium; L-Low

Course Designed by	Verified by HoD	Checked by	Approved by
Name and Signature	Name and Signature	CDC	COE
Name: T.Kiruthika	Name: Dr.M.V.Sathiyabama	Name: Mr.K.Srinivasan	Name: Dr.R.Muthukumaran
Signature	Signature	Signature	Signature