B.Com. Information Technology

Syllabus

AFFILIATED COLLEGES

Program Code: 2AJ

2023 - 2024 onwards



BHARATHIAR UNIVERSITY

(A State University, Accredited with "A++" Grade by NAAC, Ranked 21st among Indian Universities by MHRD-NIRF)

Coimbatore - 641 046, Tamil Nadu, India

BHARATHIAR UNIVERSITY: COIMBATORE 641 046 B. Com (Information Technology) - (CBCS PATTERN)

(For the students admitted from the academic year 2023-2024 and onwards)

Scheme of Examination

		Houng		Examination				
Part	Title of the Course	Hours/	Duration	Max	imum N	Iarks	Credits	
		Week	in Hours	CIA	CEE	Total		
		Semest	er I			<u> </u>	1	
I	Language - I	6	3	25	75	100	4	
II	English - I	6	3	25	75	100	4	
III	Core Paper I - Financial Accounting I	6	3	25	75	100	4	
III	Core Paper II - Principles of	_	2	25	75	100	4	
	Management	5	3	25	75	100	4	
III	Allied A: Paper I - Business	_	2	25	75	100	4	
	Economics	5	3	25	75	100	4	
IV	Environmental Studies*	2	3	-	50	50	2	
	Total	30		125	425	550	22	
		Semeste	er II					
I	Language – II	6	3	25	75	100	4	
II	English – II	ant 4 ma	3	25	25	50 [@]	2	
II	Effective English: Language	2	C.	25	25	50#	2	
	Proficiency for Employability	66						
	http://kb.naanmudhalvan.in/Special:Fi		量 臣					
	lepath/Cambridge_Course_Details.pdf		99					
III	Core Paper III - Financial Accounting	6	3	25	75	100	4	
	II		18	23	75	100	Т	
III	Core Paper IV - Introduction to	HIARSUNI	3 8	25	75	100	4	
	Information Technology (Practical)	Coimbatore	G Oller	23	75	100	Т	
III	Allied A: Paper II - Business Law	5	ம்த்தி 3	25	75	100	4	
IV	Value Education – Human Rights*	DUCATE 2 ELEVAT	3	-	50	50	2	
	Total	30		150	400	550	22	
		Semeste	r III					
I	Language – III	4	3	25	75	100	4	
II	English – III	4	3	25	75	100	4	
III	Core Paper V - Corporate Accounting	6	3	25	75	100	4	
	I				, 5	100	<u>'</u>	
III	Core Paper VI - Programming in C++	6	3	25	75	100	4	
	(Practical)							
III	Allied B: Paper I - Company Law	5	3	20	55	75	3	
IV	Skill based Subject:	3	3	25	25	50 [@]	2	
***	Actuarial Statistics						_	
IV	Tamil** / Advanced Tamil* (OR) Non-		2	50				
	major elective - I (Yoga for Human	2	3	50		50	2	
	Excellence)* / Women's Rights*	20		145	420	<i></i>	22	
	Total	30		145	430	575	23	

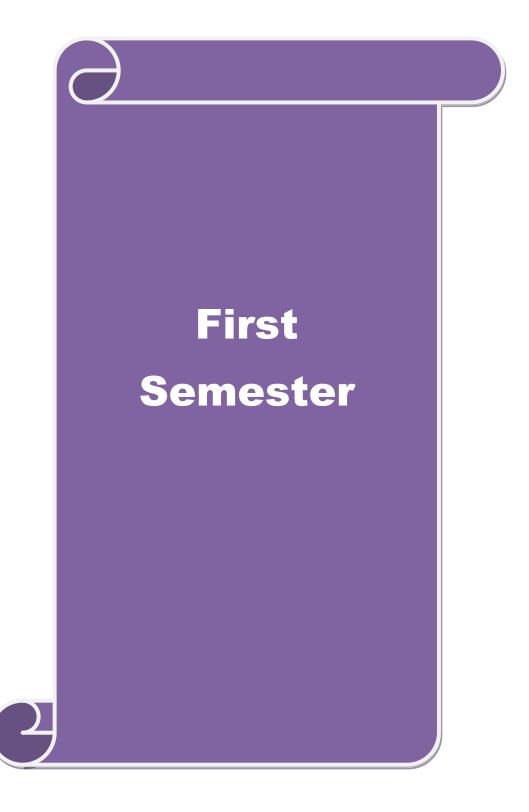
		Semeste	r IV				
I	Language – IV	4	3	25	75	100	4
II	English – IV	4	3	25	75	100	4
III	Core Paper VII - Corporate			23	13	100	
111	Accounting II	6	3	25	75	100	4
III	Core Paper VIII - Software						
111	Development in VB (Theory)	5	3	25	75	100	4
III	Allied B: Paper II Management						
111	Information System	4	3	20	55	75	3
IV	Skill based Subject 2: Computer						
1	Applications: Visual Basic – (2	3	25	25	50 [@]	2
	Practical)	_					_
IV	Office Fundamentals: Digital Skills for						
	Employability	2		2.5	2.5	5 0#	2
	http://kb.naanmudhalvan.in/Special:Filep	3	-	25	25	50#	2
	ath/Microsoft_Course_Details.xlsx						
IV	Tamil**/Advanced Tamil* (OR) Non-	2	2		50	50	2
	major elective -II (General Awareness*)	2	3	-	50	50	2
	Total	30		170	455	625	25
		Semeste	er V				
III	Core Paper IX - Cost Accounting	6	3	25	75	100	4
III	Core Paper X - Income Tax Law and	6	2	25	75	100	4
	Practice I	் 6 லக்கழகு/	3	25	75	100	4
III	Core Paper XI - Web Technology	The state of the s	3	25	75	100	4
	(Theory)	5		25	75	100	4
III	Core Paper XII - Data Structure	5	3	25	75	100	4
	(Theory)		면				
III	Elective I	5	3	25	75	100	4
IV	Skill based Subject - Computer		5	1			_
	Applications GST with Tally I	HIAR UNI	3 8	/ 25	25	50 [@]	2
	(Practical)	Coimbatore	EL GOIG	4.50	400		
	Total	30	ر فرق ال	150	400	550	22
***		Semeste	rvi	T	I		
III	Core Paper XIII - Management	5	3	25	75	100	4
***	Accounting						
III	Core Paper XIV - Income Tax Law	5	3	25	75	100	4
	and Practice II					- 3 3	
III	Core Paper XV - Java	4	3	20	55	75	3
	Programming (Theory)						
III	Elective II	4	3	20	55	75	3
III	Elective III	4	3	20	55	75	3
III	Core Paper XVI - Java	3	3	30	45	75	3
IV	Programming (Practical) Skill Based Subject: Computer						
1 1	Applications GST with Tally II	2	3	25	25	50 [@]	2
	(Practical)		3	23	23	30	<i>L</i>
IV	Project Based Learning: Advanced						
' '	Platform Technology / Data Analytics	3		25	25	50#	2
	Transfirm Teenmology / Data Amarytics		<u> </u>	l	l	<u> </u>	

B.Com. Information Technology Syllabus w.e.f. 2023-24 onwards - Affiliated Colleges - Annexure No.44F SCAA DATED: 18.05.2023

	& Visualization http://kb.naanmudhalvan.in/Bharathiar						
	University_(BU)						
V	Extension Activities**	-	-	50	-	50	2
	Total	30		240	410	650	26
	Grand Total	180		980	2520	3500	140

- * No Continuous Internal Assessment (CIA). Only University Examinations.
- ** No University Examinations. Only Continuous Internal Assessment (CIA).
- @ University semester examination will be conducted for 50 marks (As per the existing pattern of examination) and the marks will be converted to 25 marks.
- # Naan Mudhalvan Course: CEE will be assessed by Industry for 25 marks and CIA will be done by the course teacher

List of Ele	List of Elective Papers (Colleges can choose any one of the paper as electives)							
	A	Informatics and Cyber Laws						
Elective – I	В	Business Finance						
	С	Banking Law & Practice						
	A	E-Commerce and Net Banking						
Elective – II	В	Financial Markets						
	С	Investment Management						
	A	Integrated Marketing communication						
Elective – III	В	Entrepreneurial Development						
	С	Project Work AR Combators						



<u>FIRST YEAR – SEMESTER – I</u>

Core I - Financial Accounting I

Y								Marks	3		
Category	L	Т	P	S	Credits	Inst. Hours	CIA	Externa	al Total		
Core I	6				4	6	25	75	100		
	Learning Objectives										
LO1 To understand the basic accounting concepts and standards.											
LO2	To kno	ow the ba	asis for c	alculatin	g business pr	ofits.					
LO3	To fan	niliarize	with the	accounti	ng treatment	of deprecia	tion.				
LO4		To familiarize with the accounting treatment of depreciation. To learn the methods of calculating profit for single entry system.									
LO5		To learn the methods of calculating profit for single entry system. To gain knowledge on the accounting treatment of insurance claims.									
						5	ance claims.				
	sites: S	should h	ave stud	ied Acco	o <mark>un</mark> tancy in 2	XII Std					
Unit				M	Contents				No. of Hours		
I	Finance Conce Trial I	cial According to the control of the	ounting - Conventi Classifi	Meanions - Jocation of	urnal, Ledge f Errors – Re	r Accounts- ctification of	ves, Basic Ac - Subsidiary I of Errors – Pr conciliation S	Books — eparation	18		
II	Final Accounts Final Accounts of Sole Trading Concern- Capital and Revenue Expenditure and Receipts – Preparation of Trading, Profit and Loss Account and Balance Sheet with Adjustments.								18		
III	Depree Straigh	ht Line N	Meanin Iethod –	ıg – Ob Diminis	jectives – A hing Balance	method – (Treatments - Conversion m ance Policy I	ethod.	18		

	Revaluation Method – Depletion Method – Sum of Digits Method – Machine Hour Rate Method.	ATED: 16.03.20
	Bills of Exchange – Definition – Specimens – Discounting of Bills – Endorsement of Bill – Collection – Noting – Renewal – Retirement of Bill under rebate – Insolvency of Acceptor – Accommodation.	
	Accounting from Incomplete Records	
IV	Incomplete Records -Meaning and Features - Limitations - Difference between Incomplete Records and Double Entry System - Methods of Calculation of Profit - Statement of Affairs Method - Preparation of final statements by Conversion method.	18
	Average Due Date and Account Current.	
	Royalty and Insurance of Claims	
V	Meaning – Minimum Rent – Short Working – Recoupment of Short Working – Lessor and Lessee – Sublease – Accounting Treatment.	18
	Insurance Claims - Calculation of Claim amount-Average clause (Loss of Stock only)	
	Total	90
THEOR	RY 20% & PROBLEM 80%	
CO	Course Outcomes	
CO1	Remember the concept of rectification of errors and Bank reconciliation statement	nts
CO2	Apply the knowledge in preparing detailed accounts of sole trading concerns	
CO3	Analyse the various methods of providing depreciation	
CO4	Evaluate the methods of calculation of profit	
CO5	Determine the royalty accounting treatment and claims from insurance companie loss of stock.	es in case of
	Textbooks	
1.	S. P. Jain and K. L. Narang Financial Accounting- I, Kalyani Publishers, New De	elhi.
2.	S.N. Maheswari, Financial Accounting, Vikas Publications, Noida.	
3.	Shukla Grewal and Gupta, "Advanced Accounts", volume 1, S.Chand and Sons,	New Delhi.

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	SCAR DATED. 10.03.202
4.	Radhaswamy and R.L. Gupta: Advanced Accounting, Sultan Chand, New Delhi.
5.	R.L.Gupta and V.K.Gupta, "Financial Accounting", Sultan Chand, New Delhi.
	Reference Books
1.	Dr.Arulanandan and Raman: Advanced Accountancy, Himalaya Publications, Mumbai.
2.	Tulsian , Advanced Accounting, Tata McGraw Hills, Noida.
3.	Charumathi and Vinayagam, Financial Accounting, S.Chand and Sons, New Delhi.
4.	Goyal and Tiwari, Financial Accounting, Taxmann Publications, New Delhi.
5.	Robert N Anthony, David Hawkins, Kenneth A. Merchant, Accounting: Text and Cases. McGraw-Hill Education, Noida.
NOTE:	Latest Edition of Textbooks May be Used
	Web Resources
1.	https://www.slideshare.net/mcsharma1/accounting-for-depreciation-1
2.	https://www.slideshare.net/ramusakha/basics-of-financial-accounting
3.	https://www.accountingtools.com/articles/what-is-a-single-entry-system.html

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO ₁	PSO ₂	PSO3
				31381	Disc.	ָּלָּיִינוּ בּ	\$				
CO1	3	2	3	3	2^{2}	ELEV3E	2	2	3	2	2
CO2	3	2	3	3	3	2	2	2	3	2	2
CO3	3	2	3	3	3	2	2	2	3	2	2
CO4	3	2	3	3	2	2	2	2	3	2	2
CO5	3	2	3	3	3	2	2	2	3	2	2
TOTAL	15	10	15	15	13	11	10	10	15	10	10
AVERAGE	3	2	3	3	2.6	2.2	2	2	3	2	2

^{3 -} Strong, 2 - Medium, 1- Low

$\underline{\textbf{FIRST YEAR} - \textbf{SEMESTER} - \textbf{I}}$

Core II - Principles of Management

>	Inst		_		Marks	3						
Category	L	T	P	S	Credits	Inst. Hours	CIA	External	Total			
Core II	5				4	5	25	75	100			
	Learning Objectives											
LO1	LO1 To understand the basic management concepts and functions											
LO2	To kn	ow the v	arious to	echniqu	es of planning	g and decisi	on making					
LO3	To far	To familiarize with the concepts of organisation structure										
LO4	To gain knowledge about the various components of staffing											
LO5	To enable the students in understanding the control techniques of management											
Prerequ	isites: S	should h	nave stu	died Co	o <mark>mme</mark> rce in X	XII Std.	567					
Unit					Contents		2		No. of Hours			
	Intro	duction	to Man	agemen	t Wood of the state of the stat	Coimbatore	GRIEGI					
I	Impor Art - I F Dru	Meaning- Definitions – Nature and Scope - Levels of Management – Importance - Management Vs. Administration – Management: Science or Art - Evolution of Management Thoughts - F. W. Taylor, Henry Fayal, Peter F Drucker, Elton Mayo - Functions of Management - Trends and Challenges of Management. Managers – Qualification – Duties & Responsibilities.										
	Plann	ing										
II	Impor	tance ar echnique g: Mear	nd Elem es of Pla	deaning – Definitions – Nature – Scope and Functions – definitions – Types – Planning Process - Tools s of Planning – Management by Objective (MBO). Decision ing – Characteristics – Types - Steps in Decision Making –								

	Organizing	DATED: 10.03.
III	Meaning - Definitions - Nature and Scope - Characteristics - Importance - Types - Formal and Informal Organization - Organization Chart - Organization Structure: Meaning and Types - Departmentalization - Authority and Responsibility - Centralization and Decentralization - Span of Management.	15
IV	Introduction - Concept of Staffing- Staffing Process - Recruitment - Sources of Recruitment - Modern Recruitment Methods - Selection Procedure - Test- Interview- Training: Need - Types- Promotion - Management Games - Performance Appraisal - Meaning and Methods - 360 Performance Appraisal - Work From Home - Managing Work From Home [WFH].	15
V	Motivation – Meaning - Theories – Communication – Types - Barriers to Communications – Measures to Overcome the Barriers. Leadership – Nature - Types and Theories of Leadership – Styles of Leadership - Qualities of a Good Leader – Successful Women Leaders. Supervision. Co-ordination and Control Co-ordination – Meaning – Techniques of Co-ordination. Control – Characteristics - Importance – Stages in the Control Process - Requisites of Effective Control and Controlling Techniques – Management by Exception [MBE].	15
	Total Computore	75
СО	Course Outcomes	
CO1	Demonstrate the importance of principles of management.	
CO2	Paraphrase the importance of planning and decision making in an organization	•
CO3	Comprehend the concept of various authorizes and responsibilities of an organ	ization.
CO4	Enumerate the various methods of Performance appraisal	
CO5	Demonstrate the notion of directing, co-coordination and control in the manage	ement.

	Textbooks									
1	Gupta.C.B, -Principles of Management-L.M. Prasad, S.Chand &Sons Co. Ltd, New Delhi.									
2	Dinkar Pagare, Principles of Management, Sultan Chand & Sons Publications, New Delhi.									
3	P.C.Tripathi& P.N Reddy, Principles of Management. Tata McGraw, Hill, Noida.									
4	L.M. Prasad, Principles of Management, S.Chand & Sons Co. Ltd, New Delhi.									
5	R.K. Sharma, Shashi K. Gupta, Rahul Sharma, Business Management, Kalyani Publications, New Delhi.									
	Reference Books									
1	K Sundhar, Principles Of Management, Vijai Nicholos Imprints Limited, Chennai									
2	Harold Koontz, Heinz Weirich, Essentials of Management, McGraw Hill, Sultan Chand and Sons, New Delhi.									
3	Grifffin, Management principles and applications, Cengage learning, India.									
4	H.Mintzberg - The Nature of Managerial Work, Harper & Row, New York.									
5	Eccles, R. G. &Nohria, N. Beyond the Hype: Rediscovering the Essence of Management. Boston The Harvard Business School Press, India.									
NOTE:	Latest Edition of Textbooks May be Used									
	Web Resources									
1	http://www.universityofcalicut.info/sy1/management									
2	https://www.managementstudyguide.com/manpower-planning.htm									
3	https://www.businessmanagementideas.com/notes/management- notes/coordination/coordination/21392									

Mapping With Programme Outcomes And Programme Specific Outcomes

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	2	2	3	3	2	2	2	3	2	3
CO2	3	2	3	3	2	2	2	2	3	2	2
CO3	3	2	2	3	2	2	2	1	3	2	2
CO4	3	2	2	3	2	2	2	2	3	2	2
CO5	3	2	3	3	2	2	2	1	3	2	2
TOTAL	15	10	12	15	11	10	10	8	15	10	11
AVERAGE	3	2	2.4	3	2.2	2	2	1.6	3	2	2.2

3 - Strong, 2 - Medium, 1- Low



FIRST YEAR – SEMESTER - I

Allied A: Paper I - Business Economics

Y						Total		Mark	s			
Category	L	Т	P	S	Credits	Inst. Hours	CIA	External	Total			
Allied A	5				4	5	25	75	100			
	Learning Objectives											
LO1	To understand the approaches to economic analysis											
LO2	To know the various determinants of demand											
LO3	To gain k	nowled	ge on co	oncept a	and features o	of consumer	behaviour	•				
LO4	To learn											
LO5					tand the obje	ctives and i	mnortance	of pricing p	olicy			
					: 28,60,00	300, C.	Importance	or pricing p	oney			
	sites: Sno	uia nav	e stuaio	ea Com	merce in XI	1 Std.						
Unit				M	Contents	THE STATE OF THE S			No. of Hours			
I	Economi Importan frontiers Incremen	ion to cs – Po ce of 1 – Oppo ntal and of Effic	Econor sitive a Busines ortunity Margin	mics – nd Nor s Ecor Cost – nal Con Busine	Wealth, We mative Economics - Conference - Conference - Times	omics - De oncepts: Pr g Profit and and Disco	finition – oduction d Economiunting Pri	Scope and Possibility ic Profit – nciples –	15			
II	Demand Measurer	of Der and its nent an Forecas	nand - s Exce d Signi	Deman ptions. ficance	d Analysis: Elasticity o . Demand F of Demand 1	f Demand orecasting	Definition	on, Types, Governing	15			

		211122.10.0 0.2 0
III	Consumer Behaviour Consumer Behaviour – Meaning, Concepts and Features – Law of Diminishing Marginal Utility – Equi-Marginal Utility – Indifference Curve: Meaning, Definition, Assumptions, Significance and Properties – Consumer's Equilibrium. Price, Income and Substitution Effects. Types of Goods: Normal, Inferior and Giffen Goods - Derivation of Individual Demand Curve and Market Demand Curve with the help of Indifference Curve.	15
IV	Theory of Production Concept of Production - Production Functions: Linear and Non - Linear Homogeneous Production Functions - Law of Variable Proportion - Laws of Returns to Scale - Difference between Laws of variable proportion and returns to scale - Economies of Scale - Internal and External Economies - Internal and External Diseconomies - Producer's equilibrium	15
V	Product Pricing Price and Output Determination under Perfect Competition, Short Period and Long Period Price Determination, Objectives of Pricing Policy, Its importance, Pricing Methods and Objectives – Price Determination under Monopoly, kinds of Monopoly, Price Discrimination, Determination of Price in Monopoly –Monopolistic Competition – Price Discrimination, Equilibrium of Firm in Monopolistic Competition–Oligopoly – Meaning – features, "Kinked Demand" Curve	15
	TOTAL	75
CO	Course Outcomes	
CO1	Explain the positive and negative approaches in economic analysis	
CO2	Understood the factors of demand forecasting	
CO3	Know the assumptions and significance of indifference curve	
CO4	Outline the internal and external economies of scale	
CO5	Relate and apply the various methods of pricing	
	Textbooks	
1	H.L. Ahuja, Business Economics-Micro & Macro - Sultan Chand & Sons, Nev	w Delhi.
2	C.M.Chaudhary, Business Economics-RBSA Publishers - Jaipur-03.	
3	Aryamala.T, Business Economics, Vijay Nocole, Chennai.	
	I	

4	T.P Jain, Business Ecomnomics, Global Publication Pvt.Ltd, Chennai.									
5	D.M.Mithani, Business Economics, Himalaya Publishing House, Mumbai.									
	Reference Books									
1	S.Shankaran, Business Economics-Margham Publications, Chennai.									
2	P.L.Mehta, Managerial Economics–Analysis, Problems & Cases, Sultan Chand & Sons, New Delhi.									
3	Peter Mitchelson and Andrew Mann, Economics for Business-Thomas Nelson Australia									
4	Ram singh and Vinaykumar, Business Economics, Thakur publication Pvt.Ltd, Chennai.									
5	Saluram and Priyanks Tindal, Business Economics, CA Foundation Study material, Chennai.									
NOTE:	Latest Edition of Textbooks May be Used									
	Web Resources									
1	https://youtube.com/channel/UC69P77nf5-rKrjcpVEsqQ									
2	https://www.icsi.edu/									
3	https://www.yourarticlelibrary.com/marketing/pricing/product-pricing-objectives-basis-and-factors/74160									

				St.	Samuel	ALL DESCRIPTION OF THE PERSON					
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
					EDUCATET	ELEVATO					
CO1	3	2	2	2	2	2	2	2	1	2	2
CO2	3	2	3	3	2	2	2	2	2	2	2
CO3	3	2	3	3	2	2	2	2	2	2	2
CO4	3	2	2	3	2	2	2	2	2	2	2
CO5	3	2	3	3	2	2	2	2	2	2	2
TOTAL	15	10	13	14	11	10	10	10	10	10	10
AVERAGE	3	2	2.6	2.8	2.2	2	2	2	2	2	2

^{3 -} Strong, 2 - Medium, 1- Low



$\underline{\mathbf{FIRST\ YEAR}-\mathbf{SEMESTER}-\mathbf{II}}$

Core III - Financial Accounting II

Y.						Total		Marks		
Category	L	Т	P	S	Credits	Inst. Hours	CIA	External	Total	
Core III	6				4	6	25	75	100	
	Learning Objectives									
LO1	LO1 The students are able to prepare different kinds of accounts such Higher purchase and Instalments System.									
LO2	To u	ndersta	nd the	allocati	ion of expen	ses under d	lepartmenta	al accounts		
LO3	To g	ain an ı	underst	anding	about partne	ership acco	unts relatin	g to Admissio	n and retirement	
LO4		ides kn	_		e learners re	garding Par	rtnership A	ccounts relatin	g	
LO5	To k	now th	e requi	rement	s of internati	onal accou	nting stand	ards		
Prerequ	isites:	Shoule	d have	studie	d Ac <mark>cou</mark> ntai	ncy in XII	Std.			
Unit				M	Conte	ents	西岛山	1	No. of Hours	
I	Hire	Purcha	ise Sys	tem – z ossessio	on - Hire Pu	Treatment	43	on of Interest nt Instalment	18	
II	Branch and Departmental Accounts Branch – Dependent Branches: Accounting Aspects - Debtors system – Stock and Debtors system – Distinction between Wholesale Profit and Retail Profit – Independent Branches (Foreign Branches excluded) – Departmental Accounts: Basis of Allocation of Expenses – Inter- Departmental Transfer at Cost or Selling Price.								18	
III	Partr	lculatio	Accou	nts: –A	dmission of			t of Goodwill – Death of a	18	

	Partnership Accounts - II									
IV	or more Partners insolvent – All Partners insolvent - Garner Vs Murray – Accounting Treatment - Piecemeal Distribution – Surplus Capital Method – Maximum Loss Method.									
	Accounting Standards for financial reporting									
V	Objectives and Uses of Financial Statements for Users-Role of Accounting Standards - Development of Accounting Standards in India-Requirements of International Accounting Standards - Role of Developing IFRS- IFRS Adoption or Convergence in India-Implementation Plan in India- Ind AS- An Introduction - Difference between Ind AS and IFRS.	18								
	TOTAL	90								
THEOR	THEORY 20% & PROBLEMS 80%									
CO										
CO1	To evaluate the Hire purchase accounts and Instalment systems									
	S Comment of the second of the									
CO2	To prepare Branch accounts and Departmental Account									
CO3	To understand the accounting treatment for admission and retirement in pa	rtnership								
CO4	To know Settlement of accounts at the time of dissolution of a firm.									
CO5	To elaborate the role of IFRS									
	Textbooks									
1	Radhaswamy and R.L. Gupta: Advanced Accounting, Sultan Chand, New	Delhi.								
2	M C ShuklaTS Grewal&S C Gupta, Advance Accounts, S Chand Publishin	ng, New Delhi.								
3	R.L.Gupta and V.K.Gupta, "Financial Accounting", Sultan Chand, New D	elhi.								
4	S P Jain and K. L. Narang: Financial Accounting- I, Kalyani Publishers, N	ew Delhi.								
5	T.S.Reddy& A. Murthy, Financial Accounting, Margham Publishers, Chennai.									

	Reference Books
1	Dr. S.N. Maheswari: Financial Accounting, Vikas Publications, Noida.
2	Dr. Venkataraman& others (7 lecturers): Financial Accounting, VBH, Chennai.
3	Dr.Arulanandan and Raman: Advanced Accountancy, Himalaya publications, Mumbai.
4	Tulsian, Advanced Accounting, Tata MC. Graw hills, India.
5	Charumathi and Vinayagam, Financial Accounting, S.Chand and sons, New Delhi.
NOTE:	Latest Edition of Textbooks May be Used
	Web Resources
1	https://www.slideshare.net/mcsharma1/accounting-for-depreciation-1
2	https://www.slideshare.net/ramusakha/basics-of-financial-accounting
3	https://www.accountingtools.com/articles/what-is-a-single-entry-system.html

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	2	3	3 15 5	2 ^{இந்தப்பாக}	3 DT 2 LITE	» 2	2	3	2	2
CO2	3	2	3	3	3	2	2	2	3	2	2
CO3	3	2	2	3	3	2	2	2	3	2	2
CO4	3	2	3	3	2	2	2	2	3	2	2
CO5	3	3	3	3	3	3	3	3	3	3	3
TOTAL	16	11	14	15	14	12	11	11	15	11	11
AVERAGE	3.2	2.2	2.8	3	2.8	2.4	2.2	2.2	3	2.2	2.2

^{3 -} Strong, 2 - Medium, 1- Low

<u>FIRST YEAR – SEMESTER – II</u>

Core Paper IV - Introduction to Information Technology (Practical)

Subject code	L	T	P	S	Credits	Inst.		Mark	s	
					Credits	Hours		Externa	al Total	
Core Paper IV	2		3		4	5	25	75	100	
		I		1	Learning (Objectives				
LO1	To recal	ll the ir	nformat	tion tec	chnology and d	ligital domair	1			
LO2	To expl	ore the	fundar	nentals	s of computers					
LO3	To iden	tify the	transn	nission	of MS word					
LO4	To anal	yse the	MS Po	ower Po	oint					
LO5	To appl	y the P	rogram	mes in	MS Access	Œ.E.I.D.				
Prerequ	iisites: S	hould 1	have st	udied	Commerce in	XII Std.				
Unit					Contents	5			No. of Hours	
I	Advanta	ages - ters - C	Dis ac Classific	lvantag cation	s: Introduction ges — Structur of Computer- ds.	e of Compu	ter - Gene	ration of	15	
II	Storage	Device	es: App	olicatio	out Devices – C n Software – S Methods in Dat	System Softw	are – Steps		15	
III	and For 2. Deve Water M 3. Deve	lop a D mat Fu lop a D Mark, P lop a D	nctions Occume age Nu Occume	s. ent with imbers ent with	n following opton following opton and Header & Inserting Tab	tions: Margin z Footers. le Options	s, Page Boi	ders,	15	

	Find and Replace option.	A DATED, 18.03.
IV	MS Power Point:1. Advertise a product with multiple effects2. Make a PPT presentation for a topic in IT3. Create a PPT for Hierarchy of the organization	15
V	MS Access: 1. Create a product table with the following fields (product no., Name, quantity, price and total amount using update query) 2. Create a payroll table with the following fields (Basic pay, DA, HRA, PF, AND NET PAY) 3. Create a student table with the following fields (En. no., Name, Programme, and Year of Study using update query)	15
	TOTAL	75
CO	Course Outcomes	
CO1	Describe the importance of information technology	
CO2	Analyze the computer hardware and software system	
CO3	Apply the transmission of MS word	
CO4	Discuss the computer networking and its applications in MS Power Point	
CO5	Explore the MS Access	
	Textbooks	
1	Introduction to Information Technology PelinAksoy, LauraDeNardis, Cenga India Private Limited, First Indian Reprint 2008.	age Learning
2	M.Moris Mano, "Digital Logic and Computer Design", First Edition, 2004,	Pearson
3	Behrouz and Forouzan,2001, Introduction to Data Communication and Netv Edition, MH.	working, 3rd

	Reference Books									
1	V. Rajaraman, Introduction to Information technology, PHI Learning 2018									
2	Richard Fox, Information Technology, CRC Press									
3	Sanjay Saxena, Information technology, Vikas Publications Pvt Ltd, 2018									
NOTE:	Latest Edition of Textbooks May be Used									
	Web Resources									
1	http://www.tutorialspoint.com/computer_fundamentals/index.htm									
2	http://www.tutorialspoint.com/basics_of_computers/index.htm									
3	https://www.google.co.in/books/edition/Information_Technology/Y4bNBQAAQBAJ									
	?hl=en&gbpv=1&dq=introduction+to+information+technology&printsec=frontcover									

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	2	3	2	2	2	2	2	2	2	2
CO2	3	2	3	Description 2	1712 Coimh	2 EX	2	2	2	2	2
CO3	3	2	3	2	Bis 2 LILLING FOUCATE TO	DJT 22LJT的 DELEVATE	2	2	2	2	2
CO4	3	2	3	2	2	2	2	2	2	2	2
CO5	3	2	3	2	2	2	2	2	2	2	2
TOTAL	15	10	15	10	10	10	10	10	10	10	10
AVERAGE	3	2	3	2	2	2	2	2	2	2	2

3 – Strong, 2- Medium, 1- Low

$\underline{\mathbf{FIRST\ YEAR}-\mathbf{SEMESTER}-\mathbf{II}}$

Allied A: Paper II - Business Law

ory	т	T P S Credits Inst.		Mark	arks								
Category	L	1	P	3	Credits	Hours	CIA	Extern	al Total				
Allied A	5				4	5	25	75	100				
		Learning Objectives											
LO1	To l	To know the nature and objectives of Mercantile law											
LO2	Точ	ındersta	nd the e	ssentia	s of valid cor	ntract							
LO3	То g	gain kno	wledge	on perf	ormance con	tracts							
LO4	То	define th	ne conce	pts of I	Bailment and	pledge							
LO5	Точ	understa	nd the e	essential	s of contract	of sale							
Prerequ	isites: S	Should	have stu	ıdied C	commerce in	XII Std.							
Unit					Content	S			No. of Hours				
I	An its	Signific	ction – l cance,	Mercar	on – Objective of Law:	Meaning,		•	15				
II	Ind Con	Elements of Contract Indian Contract Act 1872: Definition of Contract, Essentials of Valid Contract, Classification of Contract, Offer and Acceptance – Consideration – Capacity of Contract – Free Consent - Legality of Object – Contingent Contracts – Void Contract											
III	Mea liab Pro	Performance Contract Meaning of Performance, Offer to Perform, Devolution of Joint liabilities & Rights, Time and Place of Performance, Reciprocal Promises, Assignment of Contracts - Remedies for Breach of contract - Termination and Discharge of Contract - Quasi Contract											

	1 DATED, 16.03.
Contract of Indemnity and Guarantee	
Contract of Indemnity and Contract of Guarantee - Extent of Surety's Liability, Kinds of Guarantee, Rights of Surety, Discharge of Surety - Bailment and Pledge - Bailment - Concept - Essentials and Kind - Classification of Bailment's, Duties and Rights of Bailor and Bailee - Law of Pledge - Meaning - Essentials of Valid Pledge, Pledge and Lien, Rights of Pawner and Pawnee.	15
Sale of Goods Act 1930:	
Definition of Contract of Sale – Formation - Essentials of Contract of Sale - Conditions and Warranties - Transfer of Property – Contracts involving Sea Routes - Sale by Non-owners - Rights and duties of buyer - Rights of an Unpaid Seller	15
TOTAL	75
Course Outcome	
Explain the Objectives and significance of Mercantile law	
Understand the clauses and exceptions of Indian Contract Act.	
Explain concepts on performance, breach and discharge of contract.	
Outline the contract of indemnity and guarantee	
Explain the various provisions of Sale of Goods Act 1930	
Textbooks	
N.D. Kapoor, Business Laws- Sultan Chand and Sons, New Delhi.	
R.S.N. Pillai – Business Law, S.Chand, New Delhi.	
M C Kuchhal & Vivek Kuchhal, Business law, S Chand Publishing, New	Delhi
M.V. Dhandapani, Business Laws, Sultan Chand and Sons, New Delhi.	
Shusma Aurora, Business Law, Taxmann, New Delhi.	
	Contract of Indemnity and Guarantee Contract of Indemnity and Contract of Guarantee - Extent of Surety's Liability, Kinds of Guarantee, Rights of Surety, Discharge of Surety - Bailment and Pledge - Bailment - Concept - Essentials and Kind - Classification of Bailment's, Duties and Rights of Bailor and Bailee - Law of Pledge - Meaning - Essentials of Valid Pledge, Pledge and Lien, Rights of Pawner and Pawnee. Sale of Goods Act 1930: Definition of Contract of Sale - Formation - Essentials of Contract of Sale - Conditions and Warranties - Transfer of Property - Contracts involving Sea Routes - Sale by Non-owners - Rights and duties of buyer - Rights of an Unpaid Seller TOTAL Course Outcome Explain the Objectives and significance of Mercantile law Understand the clauses and exceptions of Indian Contract Act. Explain concepts on performance, breach and discharge of contract. Outline the contract of indemnity and guarantee Explain the various provisions of Sale of Goods Act 1930 Textbooks N.D. Kapoor , Business Laws- Sultan Chand andSons, New Delhi. R.S.N. Pillai - Business Law, S.Chand, New Delhi. M.C. Kuchhal & Vivek Kuchhal, Business law, S. Chand Publishing, New M.V. Dhandapani, Business Laws, Sultan Chand andSons, New Delhi.

	Reference Books
1	Preethi Agarwal, Business Law, CA foundation study material, Chennai.
2	Business Law by Saravanavel, Sumathi, Anu, Himalaya Publications, Mumbai.
3	Kavya and Vidhyasagar, Business Law, Nithya publication, New Delhi.
4	D.Geet, Business Law Nirali Prakashan Publication, Pune.
5	M.R. Sreenivasan, Business Laws, Margham Publications, Chennai.
NOTE: I	Latest Edition of Textbooks May be Used
	Web Resources
1	www.cramerz.comwww.digitalbusinesslawgroup.com
2	http://swcu.libguides.com/buslaw
3	http://libguides.slu.edu/businesslaw

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	2	2	3	2	2	2	2	2	2	2
CO2	3	2	3	3 TA	17,2 Coimh	2 LER	2 Galadia	2	2	2	2
CO3	3	2	2	3	® ji 2 Zilin 6 EDUCATE TO	DIT 22LITE	2	2	2	2	2
CO4	3	2	3	3	2	2	2	2	2	2	2
CO5	3	2	3	3	2	2	2	2	2	2	2
TOTAL	15	10	13	15	10	10	10	10	10	10	10
AVERAGE	3	2	2.6	3	2	2	2	2	2	2	2

^{3 -} Strong, 2 - Medium, 1- Low



<u>SECOND YEAR – SEMESTER – III</u>

Core Paper V - Corporate Accounting I

ategory	L	Т	P	S	Credits	Inst. Hours	Marks		
Cate							CIA	External	Total
Core V	6				4	6	25	75	100

	Learning Objectives							
LO1	To understand about the pro-rata allotment							
LO2	To know the provisions of companies Act under Redemption of Preference shares and debentures							
LO3	To learn the form and contents of Financial statements as per Schedule III of Compar	ies Act 2013						
LO4	To examine the factors affecting goodwill of a company							
LO5	To identify the Significance of International financial reporting standard (IFRS)							
Prerequ	isite: Should have studied Financial Accounting in I Year							
Unit	Contents	No. of Hours						
Ι	Issue of Shares Issue of Shares - Forfeiture - Reissue - Pro-rata Allotment - Right Issue - Bonus Issue - Underwriting of Shares and Debentures - Underwriting Commission - Types of Underwriting.	18						
II	Redemption of Preference Shares & Debentures Redemption of Preference Shares—Provisions of Companies Act— Capital Redemption Reserve — Minimum Fresh Issue — Redemption at Premium. Debentures: Issue and Redemption — Meaning — Methods — In One Lot — in Instalment — Purchase in the Open Market includes Ex Interest and Cum Interest—Sinking Fund Investment Method.	18						
III	Final Accounts Introduction – Final Accounts – Form and Contents of Financial Statements as Per Schedule III of Companies Act 2013 – Part I Form of Balance Sheet – Part II Form of Statement of Profit and Loss – Ascertaining Profit for Managerial Remuneration. Profit Prior to Incorporation.	18						

		ED. 10.03.2023
IV	Valuation of Goodwill & Shares	18
	Valuation of Goodwill and Shares - Factors Affecting Goodwill - Methods of Valuation - Acquisition of Business.	
	Indian Accounting Standards	
V	International Financial Reporting Standard (IFRS)—Meaning and its Applicability in India - Indian Accounting Standards – Meaning – Objectives – Significance – Accounting Standards in India – Procedures for Formulation of Standards – Ind AS – 1 Presentation of Financial Statement, Ind AS – 2 Valuation of Inventories, Ind AS – 7 Cash Flow Statement, Ind AS – 8 Accounting Policies, Changes in Accounting Estimate and Errors, Ind AS 12 Income Tax Indi AS – 16, Property Equipment Ind AS – 103, Business Combinations Ind AS 110, Consolidated	18
	Financial Statement.	
	TOTAL	90
THEOF	RY 20% & PROBLEMS 80%	
СО	Course Outcomes	
CO1	To understand the provisions for underwriting commission	
CO2	To examine the provisions of issue and redemption of preferences shares and debentur	es
CO3	To illustrate part I and part II forms	
CO4	To value shares and goodwill	
CO5	To analyze IND AS 7, 12,16	
	Textbooks	
1	S.P. Jain and N.L. Narang, Advanced Accounting Vol I, Kalyani Publication, New De.	lhi.
2	R.L. Gupta and M.Radhaswamy, Advanced Accounts Vol I, Sultan Chand, New Delhi	
3	B.Raman, Corporate Accounting, Taxmann, New Delhi.	
4	Shukla, Grewal and Gupta- Advanced Accounts VolI,S.Chand, New Delhi.	
5	M.C.Shukla, Advanced accounting Vol I, S.Chand, New Delhi.	
	Reference Books	
1	T.S.Reddy, A.Murthy – Corporate Accounting- Margham Publication, Chennai.	
2	D.S.Rawat&NozerShroff,Students Guide To Accounting Standards ,Taxmann, New D	Pelhi
3	Prof.Mukeshbramhbutt, Devi, Corporate Accounting I, Ahilya Publication, Madhya Prad	esh
4	Anil kumar, Rajesh kumar, Corporate accounting I, Himalaya Publishing house, Mum	bai.

	2011121122112211221
5	Prasanth Athma, Corporate Accounting I, Himalaya Publishing house, Mumbai.
NOTE:	Latest Edition of Textbooks May be Used
	Web Resources
1	https://www.tickertape.in/blog/issue-of-shares/
2	https://www.taxmann.com/bookstore/bookshop/bookfiles/chapter12valuationofgoodwillandshares.pdf
3	https://www.mca.gov.in/content/mca/global/en/acts-rules/ebooks/accounting-standards.html

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	2	3	2	2	2	2	2	3	2	2
CO2	3	2	3	2	2	2	2	2	3	2	2
CO3	3	2	3	2	3	2	2	2	3	2	2
CO4	3	1	3	2	3 3 500 80 85 85	ψ ₅ , α	2	2	3	2	2
CO5	3	3	3	25	3	2	2	2	3	2	2
TOTAL	15	11	15	10	13	10	10	10	15	10	10
AVERAGE	3	2.2	3	2	2.6	2	2	2	3	2	2

3 - Strong, 2 - Medium, 1- Low

<u>SECOND YEAR – SEMESTER – III</u>

Core Paper VI - Programming in C++ (Practical)

V			Marks									
Category		L	Т	P	S	Credits	Inst. Hours	CIA	External	То	tal	
Core P	_	2		4		4	6	25	75	10	00	
	Learning Objectives											
LO1	To un	derstan	d the o	bject to	echnol	ogy						
LO2	To im	part the	e inform	nation	on tok	ens and class	es					
LO3	To an	ply the	user fu	ınction	S							
LO4		alyse th										
						0	D					
LO5						onstructors &	300 C					
Prerequ Unit	isite: S	hould	have st	udied	Comn	n <mark>erce in XII</mark> Conte					No. of	
					M	Conte	HIS LEGINA	M			Hours	
I	Principles of Object Oriented Programming: Software Crisis, Software evolution- A look at procedure and object oriented paradigm — Basic concepts of object oriented programming — benefits of OOP - Object oriented languages —Object based & Object oriented. A simple C++ Program - Beginning with C++ - What is C++? — Applications of C++ - C++ statements — Structure of C++ Program.							18				
II	Tokens, Expressions and Control Structures: Tokens – Keywords – identifiers – Constant - Basic data types – Operators in C++ – Scope resolution operator -operator Precedence – Control Structures. Functions in C++: Introduction– Function prototyping – Call by reference – Return by reference – In line functions – Function overloading. Classes and Objects: Introduction – Specifying a class – Defining member functions – Private member functions – Nesting of member functions – Arrays within a class – Static data members – Static Member Functions – Array of objects – Objects as Function Arguments – Friend functions – Pointers to members. Constructors and Destructors: Constructors – Copy Constructors – Dynamic Constructors – Constructing Two-dimensional Arrays – Destructors.						18					

B.Com. Information Technology Syllabus w.e.f. 2023-24 onwards - Affiliated Colleges - Annexure No.44F SCAA DATED: 18.05.2023

	SCAA DATED:	16.05.2023
	1. Develop a C++ Simple Program by using Cascading I / O Operators	
	2. Develop a C++ Simple Program by using Class & Objects	
III	3. Develop a C++ Simple Program by using member function	18
	4. Develop a C++ Simple Program by using Scope Resolution Operators	
	5. Develop a C++ Simple Program by using Looping Structure	
	1. Develop a C++ Simple Program by using call by reference	
	2. Develop a C++ Simple Program by using Inline Function	
IV	3. Develop a C++ Simple Program by using Function Overloading	18
	4. Develop a C++ Simple Program to define the Class Outside the Function	
	5. Develop a C++ Simple Program by using Array Functions	
	1. Develop a C++ Simple Program by using Friend Functions	
V	2. Develop a C++ Simple Program by using Constructors & Destructors	18
	3. Develop a C++ Simple Program by using Destructors	
	TOTAL	90
CO	Course Outcomes	<u> </u>
CO1	Recall the basics of Building programming language	
CO2	Explain about tokens and classes	
CO3	Analyze the benefits of using user Function and Reverse Liver Function of the liver Func	
CO4	Develop programs for array functions	
CO5	Access the Constructors & Destructors	
	Textbooks	
1	E.Balaguruswamy, "Object Oriented Programming in C++", Sixth Edition, 2012,TMH	
2	H. Schildt, "The Complete Reference C++", Fourth Edition, 2002, TMH	
3	KanetkarY," Let us C++", Third Edition, 1999, BPB Publishers.	

	Reference Books					
1	John R Hubbard, "Programming with C++", Third Edition, 2009, TMH.					
2	Grady Booch, "Object Oriented Analysis and Design", Addison Wesley					
3	3 James Rum bough Etal, "Object Oriented Modelling and Design "					
NOTE:	Latest Edition of Textbooks May be Used					
	Web Resources					
1	http://en.highscore.de/cpp/boost/					
2	http://bookboon.com/en/structural-programming-with-c-plus-plus-ebook					

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	2	3	2,5	2	2	2	2	2	3	2
CO2	3	2	3	22 Sam	3	-2	02 55 50 7	2	2	3	2
CO3	3	2	3	2	3	2	2	2	2	3	2
CO4	3	2	3	3 4 2 CO ON A CO	47+2 _{AR}	U 2 LE	2.60	2	2	3	2
CO5	3	2	3	2	Sib ZILING FOUCATE T	DU ZLIŲĖ I ELEVATE	2	2	2	3	2
TOTAL	15	10	15	10	12	10	10	10	10	15	10
AVERAGE	3	2	3	2	2.4	2	2	2	2	3	2

3 - Strong, 2 - Medium, 1- Low

<u>SECOND YEAR – SEMESTER – III</u>

Allied B: Paper I - Company Law

X							Tract		Marks	S
Category		L	Т	P	S	Credits	Inst. Hours	CIA	External	Total
Allied	В	5				3	5	25	100	
					I	Learning Obj	jectives	<u>l</u>	1	1
LO1	То									
LO2	То	have ar	n unders	tanding	on the	formation of	a company			
LO3	То	underst	tand the	requisi	tes of m	neeting and res	solution			
LO4	То	gain kn	owledg	e on the	proced	lure to appoin	t and remov	e Directors		
LO5						nodes of wind				
Preregu						nerce in XII	LD&/			
						1. 10 6				No of House
Unit	Contents No. of Hours									
I	Introduction to Company law Companies Act 2013 – Definition of a Company, Characteristics of Company – Lifting or Piercing the Corporate Veil – Company Distinguished from Partnership and Limited Liabilities Partnerships – Classification of Companies – Based on Incorporation, Liability, Number of Members, Control.								hed from	15
II	Formation of Company Formation of a Company – Promoter – Fundamental Documents – Memorandum of Association – Contents – Alternation – Legal Effects – Articles of Association - Certificate of Incorporation – Prospectus – Contents - Kinds – Liabilities – Share Capital – Kinds – Issue – Alternation – Dividend – Debentures.									15
III	Meeting Meeting and Resolution – Types – Requisites – Voting & Poll – Resolution – Ordinary, Special Audit & Auditors – Qualification, Disqualification,									15

		DATED: 18.05.20
	Appointment and Removal of an Auditor.	
	Management & Administration	
IV	Management & Administration – Directors – Legal Position – Board of Directors – Appointment/ Removal – Disqualification – Director Identification Number – Directorships – Powers – Duties – Board Committees – Related Party Transactions – Contract by One – Person Company – Insider Trading-Managing Director – Manager – Secretarial Audit – Administrative Aspects and Winding Up – National Company Law Tribunal (NCLT) – National Company Law Appellate Tribunal (NCLAT) – Special Courts.	15
	Winding up	
V	Meaning – Modes – Compulsory Winding Up – Voluntary Winding Up – Consequences of Winding Up Order – Powers of Tribunal – Petition for Winding Up – Company Liquidator.	15
	TOTAL	75
CO	Course Outcomes	
CO1	Understand the classification of companies under the act	
CO2	Examine the contents of the Memorandum of Association & Articles of Association	on
CO3	Know the qualification and disqualification of Auditors	
CO4	Understand the workings of National Company Law Appellate Tribunal (NCLAT	T)
CO5	Analyse the modes of winding up	
	Textbooks	
1	N.D. Kapoor , Business Laws, Sultan Chand and Sons, Chennai	
2	R.S.N. Pillai – Business Law, S.Chand, New Delhi.	
3	M.V. Dhandapani, Business Laws Sultan Chand and Sons, Chennai	

	Reference Books								
1	Shusma Aurora, Business Law, Taxmann, New Delhi								
2	M.C.Kuchal, Business Law, VikasPublication, Noida								
3	Preethi Agarwal, Business Law, CA foundation study material								
NOTE:	Latest Edition of Textbooks May be Used								
	Web Resources								
1	https://www.mca.gov.in/content/mca/global/en/acts-rules/companies-act/companies-act-2013.html								
2	https://vakilsearch.com/blog/explain-procedure-formation-company/								
3	https://www.investopedia.com/terms/w/windingup.asp								

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	2	3	2	2	2	2	2	2	2
CO2	3	3	2	3	2 THIAR	UNIVER	2 '90'	3	2	2	2
CO3	3	3	2	3.60	$2^{^{ ext{Coimb}}}$ ^{இந்} தப்பாக	alore 2	\$\cdot\cdot2	2	2	2	2
CO4	3	3	2	3	2	2	2	2	2	2	2
CO5	3	3	2	3	2	2	2	2	2	2	2
TOTAL	15	15	15	15	10	10	10	11	10	10	10
AVERAGE	3	3	3	3	2	2	2	2.2	2	2	2

3 - Strong, 2 - Medium, 1- Low

<u>SECOND YEAR – SEMESTER – III</u>

SEC: ACTUARIAL STATISTICS-I

,			İ								Mark	s
Category		L T P S Credits Hours	Inst. Hours	CIA	External	Total						
Allied	В	3				2	3	25	25	50@		
			I			Learning Ob	jectives		1			
LO1		enable produc		lents to	underst	and the sound	and gain kr	nowledge in	financial lin	ne insurance and		
LO2	То	develo	p the stu	idents to	o unders	stand about re	demption of	floans				
LO3	То	make tl	he stude	ents awa	are abou	t various type	es of mortali	ty table.				
LO4	То	develo	p the stu	idents to	o write a	about principl	es of insura	nce.				
LO5	То	enable	the lear	ners to	update v	with various t	ypes of pren	nium for as	surance and	annuity plans		
Preregu						nerce in XII	Фа (6, 0			7 1		
	15100	9. DIIOU			u com	E/P				NI CII		
Unit	Contents									No. of Hours		
I	Simple and compound interest —Present value and accumulated value at fixed rate/varying rate of interest —Effective rate of interest corresponding to a nominal and effective rate —simple problems—Annuity — Classifications of annuities — Present and accumulated values of annuities — Immediate annuity due and deferred annuity									9		
П	Redemption of loans – Redemption of loans by installments payable times in a year Interest being p.a. effective. Role of Exponential probability distribution in general insurance - Vital Statistics – meaning and uses of vital statistics – Measures of mortality (Basic concepts)								ribution in	9		
III	Mortality Table – Columns of a mortality table – Completing an incomplete mortality table and uses of mortality table – Expectation of life – Computing probabilities of survival and death using mortality tables									9		
IV	enc	lowmer	nt, Endo	owment	assurar	es of assurar nce and whol benefits und	e life assura	ance –Expr	_	9		

B.Com. Information Technology Syllabus w.e.f. 2023-24 onwards - Affiliated Colleges - Annexure No.44F

SCAA DATED: 18.05.2023

		PATED: 18.05.202						
	Endowment assurance and whole life assurance – Simple problems.							
V	Net premium for assurance and annuity plans: Natural premium – Level annual premium-Mathematical expression for level annual premium under temporary assurance, pure Endowment assurance and whole life assurance-Simple problems involving the calculation of level annual premium / net annual premium under the four types of plan only.							
	TOTAL	45						
CO	Course Outcomes							
CO1	Acquire the basic concept of financial line insurance and life products.							
CO2	Exposed to redemption of loans							
CO3	Paraphrase the concept of various mortality table							
CO4	Prepare about principles of insurance.							
CO5	Acquire the skill of premium for assurance and annuity plans							
	Textbooks							
1	Mathematical basis of Life Assurance (IC-81) Published by Insurance Institute of	India, Bombay.						
2	Gupta, S.C. and Kapoor, V.K. (1999) Fundamentals of Applied Statistics (3 rd Ed Chand & Co., New Delhi, (for Unit III only).	lition), Sultan						
3	Frenk Ayres.,J.R(1993), Theory and problems of Mathematics Fiance, Schaum's McGraw-Hill book Company, Singapore	Outline Series,						
4	Mathematical and Statistical Methods for Actuarial Sciences and Finance, Cira Po Pizzi, Manfred Gilli, Marco Corazza, Marilena Sibillo, Springer International Pub December 2021	•						
	Reference Books							
1	Shaillaja R Deshmuk (2009), Actuarial Statistics and Introduction using R, University India.	rsity Press,						
2	M N. Mishra and S.B. Mishra, Insurance Principles and practice, S.Chand & Co,	New Delhi.						
3	Financial and Actuarial Statistics An Introduction, Second Edition, By Dale S. Bo	orowiak, Arnold						
4	F. Shapiro · November 2013 , CRC Press Some Recent Researches in the Theory of Statistics and Actuarial Science, J. F. Steffensen, Cambridge University Press, February 2016							

NOTE:	NOTE: Latest Edition of Textbooks May be Used									
	Web Resources									
1	https://youtu.be/-C1R_MhlAtw									
2										
3										

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	3	2	3	2	2	2	2	2	2	2
CO2	3	3	2	3	2	2	2	3	2	2	2
CO3	3	3	2	3	2 6000 8.8.	ψ _{α, (δ}	2	2	2	2	2
CO4	3	3	2	35	2	2	2	2	2	2	2
CO5	3	3	2	-3	2	2	250	2	2	2	2
TOTAL	15	15	15	15	10	10	10	11	10	10	10
AVERAGE	3	3	3	3 400000	Coimb	u 2	2 Galde	2.2	2	2	2

3 - Strong, 2 - Medium, 1- Low



$\underline{SECOND\ YEAR-SEMESTER-IV}$

Core Paper VII - Corporate Accounting II

Ŋ.						Total		Marks	3		
Category	L	Т	P	S	Credits	Inst. Hours	CIA	External	Total		
Core VII	6				4	6	25	75	100		
					Learning (Objectives		1			
LO1											
LO2	To gai	n an un	derstand	ling abo	out reconstruc	ction					
LO3	To kno										
LO4											
LO5	To und										
	isite: Sł	nould ha	ave stuc	lied Fir	nancial Acco		Year	-	No of House		
Unit					Contents				No. of Hours		
I	Amalg Consid Metho	gamation deration	n, Abso - Lum nsic Va	orption p sum lue Me	& External and Extern Method, Net	al Reconst t Assets M	ruction - ethod, Net	Payment	18		
II	– Cor Liabili	onstruction Reserve	18								
III	Perfor Balance	s) - Non- oss a/c -	18								
IV	Introd		Holding	& Subs	ements idiary Comp -Preparation		-	_	18		

		SCAA	DATED: 18.05.					
		(Excluding Inter-Company Holdings).						
		Liquidation of Companies						
	V	Meaning-Modes of Winding Up – Preparation of Statement of Affairs and	18					
		Deficiency Accounts - Order of Payment - Liquidators Remuneration-						
		Liquidator's Final Statement of Accounts.						
		TOTAL	90					
ГΗ	EOR	Y 20% & PROBLEM 80%						
(CO	Course Outcomes						
C	CO1 Understand the accounting treatment of amalgamation, absorption and exterreconstruction							
C	O2	Apply and alter the share capital and internal reconstruction						
C	CO3 Do the accounting procedure of non-performing assets							
C	O4	Give the consolidated accounts of holding companies						
C	O5	Prepare liquidator's final statements						
		Textbooks						
1	S.P	Jain and K.L Narang. Advance <mark>d Accountancy, Kalyani Pu</mark> blishers, New Delhi	i.					
2		K.S.Ramanand, Dr.M.A.Arulanandam, Advanced Accountancy, Vol. II, Himal se, Mumbai.	aya Publishing					
3	R.L.	Guptaand, M.Radhaswamy, Advanced Accounts, Sultan Chand, New Delhi.						
4	M.C	Shukla and T.S.Grewal, Advanced Accounts Vol2 S Chand & Sons, New Del	hi.					
5	T.S.	Reddy and A.Murthy, Co						
5	rpora	ate Accounting II, Margham Publishers, Chennai						
	i							

	Reference Books
1	B.Raman, Corporate Accounting, Taxmann, New Delhi
2	M.C.Shukla, Advanced Accounting, S.Chand, New Delhi
3	Prof.MukeshBramhbutt, Devi Ahilya publication, Madhya Pradesh
4	Anil kumar, Rajesh kumar, Advanced Corporate Accounting, Himalaya Publishing house, Mumbai.
5	PrasanthAthma, Corporate Accounting, Himalaya Publishing house, Mumbai.
NO	TE: Latest Edition of Textbooks May be Used
	Web Resources
1	https://www.accountingnotes.net/amalgamation/amalgamation-absorption-and-reconstruction-accounting/12670
2	https://www.slideshare.net/debchat123/accounts-of-banking-companies
3	https://www.accountingnotes.net/liquidation/liquidation-of-companies-accounting/12862

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	2	3	2 200	இந்தப்பா6 EDUCATE T	ng 2 Ling	3	2	3	2	2
CO2	3	2	3	2	3	2	3	2	3	2	2
CO3	3	2	3	2	3	2	3	2	3	2	2
CO4	3	2	3	2	2	2	3	2	3	2	2
CO5	3	2	3	2	2	2	3	2	3	2	2
TOTAL	15	10	15	10	12	10	15	10	15	10	10
AVERAGE	3	2	3	2	2.4	2	3	2	3	2	2

3 - Strong, 2 - Medium, 1- Low

$\underline{SECOND\ YEAR-SEMESTER-IV}$

CORE PAPER VIII: SOFTWARE DEVELOPMENT IN VB (THEORY)

	È						Inst		Marks	Marks		
Category		L T P	S	S Credits	Inst. Hours	CIA	External	Total				
C	ore VIII	5				4	5	25	75	100		
	Learning Objectives											
LO1	To conceptuali	ze the work	ing of visu	al basic								
LO2	To provide kno	To provide knowledge about various variables used in visual basic										
LO3	To provide knowledge about various controls in visual basic											
LO4	To provide insights about menu editor											
LO5	To provide information about DDE properties											
Preregu	 isite: Should ha	ve studied (Commerc	e in XII s	Std							
Unit	uisite: Should have studied Commerce in XII Std Contents								No. o	No. of Hours		
I	Introduction: (IDE) features with form prop	– VB editor	– customi	izing the	IDE –	Anatomy of	of a form			15		
П	Variables in Visual Basic: Variables in Visual Basic: Declaring Variables – Data types – Null Value, Error Value, Empty Value – The Scope of a variable – Module Level Variables – Constants – Creating your own Constants – Scope of a Constant – Converting Data Types – Arrays – Declaring Arrays – Fixed Size Arrays – Dynamic Arrays – Preserve Keyword – RDMIM. Writing code in Visual Basic: The Anatomy of a Procedure – Subroutine and functions – Language Constructs: For. Next, The While Loop, Select case;; End Select, Exit											
III	Standard Controls: Selecting & Using controls: Introducing to Standard controls – command buttons – Text boxes – Labels – Option buttons – Check boxes – Frame controls – List boxes – Combo Boxes – Image objects – Picture boxes – Timer – Scroll bars – File System Controls (Drive, Drive list, File List Boxes)											
IV	Built-In Activ The Tree view									15		

	Common Dialog Control – Status Bar Control – Rich Textbook Control – Menu	ATED: 10.03.2							
	Editor								
	DDE Properties : DDE Properties – DDE Events – DDE Methods – OLE								
**	Properties – ActiveX Control Creation and Usage and ActiveX DLL Creation and								
V	Usage – Data Base Access – Data Control – Field Control – Data Grid Record set	15							
	using SQL to manipulate Data – Open Data base Connectivity (ODBC).								
	TOTAL	75							
СО	Course Outcomes								
CO1	Recall working in visual basics								
CO2	Comparing various kind of variables in visual basics								
CO3	Applying control in visual basic								
CO4	Analyzing using menu editor								
CO5	Applying various DDE properties								
	Textbooks								
1	Mohammed Azam, Programming with Visual Basic 6.0.— IKAS publishing house (P) Ltd							
2	D.S. Rajendra Prasad, Dr. M.A. Jayaram, Visual Basic 6.0, Sapna Book House (P) L	td., 2011							
3	Jitendra Patel, Visual Basic 6.0 Practiced, Osmora Incorporated, 2015								
	Reference Books								
1	Dr.Liew Voon Kiong, Visual Basic Handbook (A Concise Guide to VB2019 Progra	mming)							
1	Amazon Digital Services LLC - KDP Print US, 2020								
2	Paul Vick, The Visual Basic .Net Programming Language , Addison-Wesley, 2004								
3	Kelvin Saungweme, II, Visual Basics Programming Solutions (Programming Made l	Easy),							
3	Independently Published, 2021								
NOTE:	Latest Edition of Textbooks May be Used								
	Web Resources								
1	https://www.youtube.com/watch?v=-HNNCem5MoQ								
2	https://www.youtube.com/watch?v=bCMWfzPONJg								

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	2	3	2	3	2	3	3	3	2	2
CO2	3	2	2	2	2	2	2	2	3	2	3
CO3	3	3	3	2	3	2	3	3	3	2	2
CO4	3	2	2	2	2	2	2	2	3	2	2
CO5	3	3	3	2	3	2	3	3	3	2	3
TOTAL	15	12	13	10	13	10	13	13	15	10	12
AVERAGE	3	2.2	2.6	2	2.6	2	2.6	2.6	3	2	2.4

3 - Strong, 2 - Medium, 1- Low



$\underline{SECOND\ YEAR-SEMESTER-IV}$

ALLIED B: PAPER II: MANAGEMENT INFORMATION SYSTEM

Subjec		L	T	P	S	Credits	Inst.		Marks			
Code							Hours	CIA	External	Total		
Allied	В	4				3	4	20	55	75		
	Learning Objectives											
LO1	To understand the management information system											
LO2	То є	explo	re the	syster	n cond	cepts and to ide	entify the cha	racteristic	es of system			
LO3	То г	analys	se the	transa	ction	processing syst	tem					
LO4	LO4 To apply the database management systems and architecture networks											
LO5	LO5 To estimate the functional management information systems											
Prerequi	site:	Shou	ld hav	ve stu	died (Commerce in 2	XII Std.					

Unit	Contents	No. of Hours
I	Management information system: meaning – features – requisites of an effective MIS – MIS Model – components – subsystems of an MIS – role and importance – corporate planning for MIS – growth of MIS in an organization – centralization vs decentralization of MIS. Support – Limitations of MIS.	12
II	System concepts: elements of system — characteristics of a system — types of system — categories of information system — system development life cycle — system enhancement.	12
III	Information systems in business and management : Transaction processing system: Information repeating and executive information system.	12
IV	Database management systems : conceptual presentation – client server architectures networks.	12
V	Functional management information system : Financial – accounting – marketing – production – Human resource – business process outsourcing.	12
	TOTAL	60

CO	Course Outcomes
CO1	Paraphrase the characteristics of Management information system
CO2	Describe the elements and characteristics of system
CO3	Enumerate the application of information system in business
CO4	Explain the database management system
CO5	Elaborate the functional management information system in financial, accounting, marketing and production.

	Textbooks
1	Gordon B. Davis And Maggrethe H . Olson , Management Information Systems , Mc Graw Hill International Edition - Second Edition , 1998
2	Rober G. Mudrick, Joel E. Ross And James R. ClAGGET, Information Systems For Modern Management, 33Rd Edition, 1992, Prentice Hall Of India (P) Ltd., Eastern Economy Edition.
3	Jerome Kanter Management Information Systems, 3 Edition, 1990. Prentice Hall Of India Ltd., Eastern Economy Edition

	Reference Books				
1	James A. O'Brien, Management information systems, McGraw Hill, 2002				
2	Bagchi Nirmalya, Management Information systems, Vikas Publications, 2010				
3	Indrajit Chattarjee, Management information systems, PHI Learning, 2010				
NOTE: Latest Edition of Textbooks May be Used					

	Web Resources
1	https://www.google.co.in/books/edition/Management_Information_Systems/RTZDDAAAQBAJ? hl=en&gbpv=1&dq=management%20information%20system&pg=PR4&printsec=frontcover
2	https://www.google.co.in/books/edition/MANAGEMENT_INFORMATION_SYSTEMS/DOi2 meoOKWsC?hl=en
3	https://www.google.co.in/books/edition/Management_Information_Systems_Manageria/ZaNDD AAAQBAJ?hl=en&gbpv=1&dq=management%20information%20system&pg=PP1&printsec=frontcover

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	2	3	2	3	2	3	3	3	2	2
CO2	3	2	2	2	2	2	2	2	3	2	3
CO3	3	3	3	2	3	2	3	3	3	2	2
CO4	3	2	2	2	602 BB	Ψ°2;	2	2	3	2	2
CO5	3	3	3	2	3	2	3	3	3	2	3
TOTAL	15	12	13	10	13	10	13	13	15	10	12
AVERAGE	3	2.2	2.6	2	2.6	2	2.6	2.6	3	2	2.2

^{3 –} Strong, 2- Medium, 1- Low

<u>SECOND YEAR – SEMESTER – IV</u>

SBS-2: COMPUTER APPLICATIONS: VISUAL BASIC - (PRACTICAL)

Subjec		t L,		P	S	Credits	Inst.		Marks		
Code		_	_				Hours	CIA	External	Total	
Skill Bas Subjec				2		2	2	25	25	50	
	Learning Objectives										
LO1	То	under	stand	the ba	sic ali	gnment and for	rmatting				
LO2	То	apply	vario	us fina	ıncial	management te	echniques				
LO3	То	create	bank	custo	mer da	ata base and su	permarket bi	lls using V	В		
LO4	То	Creat	e supe	rmark	et cus	tomers' bills					
LO5	То	Creat	e bank	custo	mer d	ata base	15.Li, Co				
Prerequi	Prerequisites: Should have studied Commerce in XII										
UNIT	NIT Contents No. of Hours										

- 1.Design a form with text box to perform the alignment and format function.
- 2. Design a form to display the list of products by declaring array function.
- 3. Design a form to calculate capital budgeting technique by declaring finance function and variable declaration using option button (Radio/Checkbox).
- 4. Design a form to display an advertisement banner using image box control with string function.
- 5. Design a form to compute cost of capital using finance function in visual basic using check box.
- 6. Design a form to perform working capital analysis by declaring finance function using flex grid control.

- 7. Design a form to display Break-even analysis using line and chart controls, by declaring variables.
- 8. Design a form to present product details like purchases, sales, profit, etc by declaring array functions and present the details in a rich textbox(RTF).
- 9. Design a form to display Product Life Cycle using slider control.
- 10. Design a Pay Slip for an organization and create a data base using SQL and Data Control.
- 11. Design the form to display the highlights of the budget using option button and animation.
- 12. Design a supermarket bill to display the sales invoice, and create a data base using Data Control, option button, check box, date picker, etc.
- 13. Design the form to create a bank customer database by declaring simple array and multiple arrays using Data Control.
- 14. Design a form to calculate minimum, maximum, reorder, reorder quantity, EOQ and display the inventory control records using data object.
- 15. Design the form to display tree view and list of folders and files from a directory of an organization

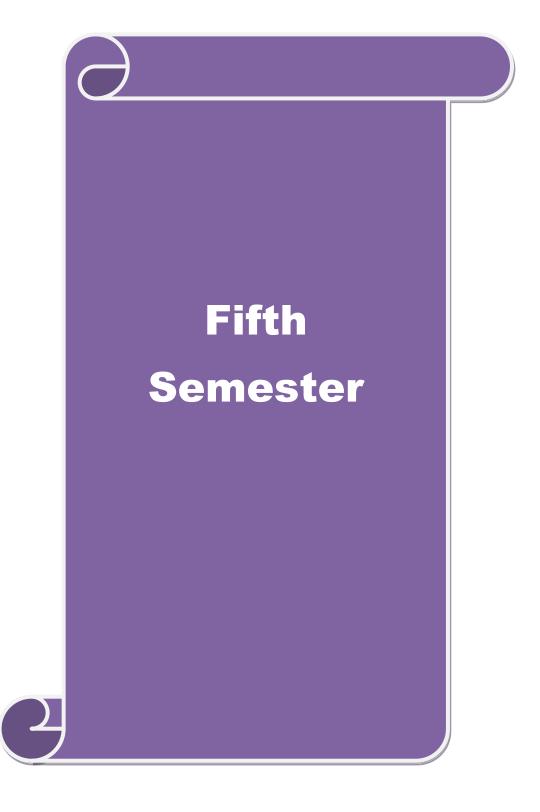
	Total	30
CO	Course Outcomes	
CO1	Understanding the basic alignment and format function in VB	
CO2	Applying visual basic for capital budgeting and financing decisions	
CO3	Applying visual basic for budget preparation and highlighting	
CO4	Creating supermarket customers' bills	
CO5	Creating bank customer data base	

	Textbooks
1.	Mohammed Azam, Programming with Visual Basic 6.0.– IKAS publishing house (P) Ltd
2.	D.S. Rajendra Prasad, Dr. M.A. Jayaram, Visual Basic 6.0, Sapna Book House (P) Ltd., 2011
3.	Jitendra Patel, Visual Basic 6.0 Practiced, Osmora Incorporated, 2015
	Reference Books
1.	Dr.Liew Voon Kiong, Visual Basic Handbook (A Concise Guide to VB2019 Programming) Amazon Digital Services LLC - KDP Print US, 2020
2.	Paul Vick, The Visual Basic .Net Programming Language , Addison-Wesley, 2004-
3.	Kelvin Saungweme, II, Visual Basics Programming Solutions (Programming Made Easy), Independently Published, 2021
	Web Resources
1.	https://www.youtube.com/watch?v=-HNNCem5MoQ
2.	https://www.youtube.com/watch?v=bCMWfzPONJg

Mapping with Programmes Outcomes & Programmes Specific Outcomes:

Cos	POS IRATHIAR UNIVERSITY									PSOs		
	1	2	3	4	°5,	6 ^{mbatore}	7 Lunipple Gar	8	1	2	3	
CO1	3	2	3	3	3	2 TO ELE	2	2	3	2	2	
CO2	3	2	3	3	3	3	2	2	3	2	2	
CO3	3	2	3	3	3	2	3	2	3	2	2	
CO4	3	2	3	3	3	3	2	2	3	2	2	
CO5	3	2	3	3	3	2	3	2	3	2	2	
Total	15	10	15	15	15	12	12	10	15	10	10	
Average	3	2	3	3	3	2.4	2.4	2	3	2	2	

³⁻ Strong, 2- Medium, 1- low.



$\underline{THIRD\ YEAR-SEMESTER-V}$

Core Paper IX - Cost Accounting

	ory			D	G	G - 1'4	Inst.	Marks			
	Category		L T P S		S	Credits	Hours	CIA	External	Total	
	Core IX	6				4	6	25	75	100	
	Learning Objectives										
LO1	To understand the va	rious c	oncept	ts of co	st acco	ounting.					
LO2	To prepare and recon	cile C	ost acc	counts.							
LO3	To gain knowledge re	egardiı	ng valu	ation n	nethod	s of mater	ial.				
LO4	To familiarize with the							of			
						iculating i	about cos	ot.			
LO5	To know the apportion	onment	of Ov	erhead	S.	Б.Б. (Да _г):					
Prerequ	isite: Should have stu	died (Commo	erce in	XIIS	td				No. of	
Unit				Cor	ntents		10-10-10-10-10-10-10-10-10-10-10-10-10-1	1		Hours	
I	Introduction of Cost Accounting Definition-Nature and Scope – Principles of Cost Accounting – Cost Accounting and Financial Accounting – Cost Accounting Vs Management Accounting – Installation of Costing System – Classification of Costs – Cost Centre – Profit Centre – Preparation of Cost Sheet.								18		
II	Cost Sheet and Met Preparation of Cost Financial Accounts –	hods o Sheet	- Ten	ders &	Quota	ations - R	econcilia	tion of C	ost and	18	
III	Material Costing Material Control – Meaning and Objectives – Purchase of Materials – EOQ –Stores Records – Reorder Levels – ABC Analysis - Issue of Materials –Methods of Issue – FIFO – LIFO – Base Stock Method – Specific Price Method – Simple and Weighted Average Method.								18		
IV	Labour Costing Direct Labour and Indirect Labour – Time Keeping – Methods and Calculation of Wage Payments – Time Wages – Piece Wages – Incentives – Different Methods of Incentive Payments - Idle time–Overtime – Labour Turnover - Meaning, Causes and Measurement.									18	

	Overheads Costing	11ED: 18.03
V	Overheads – Definition – Classification – Allocation and Apportionment of Overheads – Basis of Apportionment – Primary and Secondary Distribution -	18
	Absorption of Overheads – Methods of absorption Preparation of Overheads Distribution Statement – Machine Hour Rate – Computation of Machine Hour Rate.	
	TOTAL	90
THEOR	Y 20% & PROBLEM 80%	
CO	Course Outcomes	
CO1	Remember and recall the various concepts of cost accounting	
CO2	Demonstrate the preparation and reconciliation of cost sheet.	
CO3	Analyze the various valuation methods of material.	
CO4	Examine the different methods of calculating labour cost.	
CO5	Critically evaluate the apportionment of Overheads.	
	Textbooks	
1	Jain S.P. and Narang K.L, Cost Accounting. Kalyani Publishers, New Delhi	
2	Khanna B.S., Pandey I.M., Ahuja G.K., and Arora M.N., Practical Costing, S. Chand Delhi,	& Co, New
3	Dr.S.N.Maheswari, Principles of Cost Accounting, Sultan Chand Publications, New D	Pelhi
4	T.S.Reddy and Y. Hari Prasad Reddy, Cost Accounting, Margham publications, Chen	nai
5	S.P. Iyengar, Cost Accounting, Sultan Chand Publications, New Delhi	
	Reference Books	
1	Polimeni, Cost Accounting: Concepts and Applications for Managerial Decision Mak McGraw–Hill, New York.	ing, 1991,
2	Jain S.P. and Narang K.L. Cost Accounting, Latest Edition.2013, Kalyani Publishers,	New Delhi,
3	V.K.Saxena and C.D.Vashist, Cost Accounting, Sultan Chand publications, New Delh	ni
4	Murthy A &GurusamyS,CostAccounting,Vijay Nicole Imprints Pvt .Ltd .Chennai	
5	Prasad.N.K and Prasad.V.K, Cost Accounting, Book Syndicate, Kolkata	
OTE:	Latest Edition of Textbooks May be Used	

	Web Resources
1	https://study.com/learn/lesson/cost-accounting-principles-examples-what-is-cost-accounting.html
2	https://www.accountingtools.com/articles/what-is-material-costing.html
3	https://www.freshbooks.com/hub/accounting/overhead-cost

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	2	3	2	2	2	2	2	3	2	2
CO2	3	2	2	2	2	2	2	2	3	2	2
CO3	3	2	3	2	2	2	2	2	3	2	2
CO4	3	2	2	2	2 தலைக்க	2 (4) (5) (6)	2	2	3	2	2
CO5	3	2	3	23	2	2	2	2	3	2	2
TOTAL	15	10	13	10	10	10	10	10	15	10	10
AVERAGE	3	2	2.6	2	2	2	2	2	3	2	2

3 - Strong, 2 - Medium, 1- Low

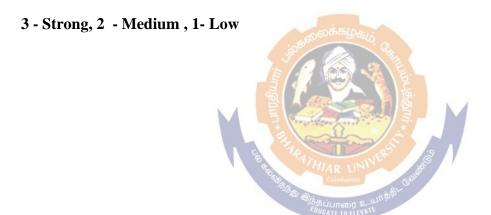
$\underline{THIRD\ YEAR-SEMESTER-V}$

Core Paper X – Income Tax Theory, Law and Practice I

	>-								Marks	
	Category	L	Т	P	S	Credits	Inst. Hours	CIA	External	Total
C	ore X	6				4	6	25	75	100
		Learning Objectives								
LO1	To understa	nd the basi	c concept	s & defin	nitions	under the	Income T	ax Act,19	961.	
LO2	To compute	To compute the residential status of an assessee and the incidence of tax.								
LO3	To compute							· 		
	-									
LO4	To learn the concepts of Annual value, associated deductions and the calculation House property.								lation of inco	ome from
LO5	To compute the income from Business & Profession considering its basic p disallowances.									specific
	isite: Should	have stud	ied Comn	W > 000	-	td.			1	
Unit				Conte	ents				No. of	f Hours
I	Introduction Introduction Income Tax Income Tax	n to Incom — Meanin	ne Tax – H g of Incom	ne – Ty	pes – I	mportant l	<mark>De</mark> finition	ns Under 1		
II	Residential Residential Basic Cond Status – Pro	Status – R itions – A	dditional (Conditio	ns – In	cidence of	f Tax and	•		18
III	Income from Salary Computation of Salary Income – Features of Salary – Allowances – Types of Allowances - Perquisites – Kinds of Perquisites –Types of Provident Fund - Gratuity – Pension – Commutation of Pension – Deduction of Salary - Profits in Lieu of Salary.							d -	18	
IV	Income from Annual Va	Income from House Property Income from House Property –Basis of Charge – Annual Value –Gross Annual Value, Net Annual Value of Let-out Property, Self– Occupied Property– Amenities –Deductions.								18

	Profits and Gains from Business Profession	
V	Income from Business or Profession – Allowable Expenses – Not Allowable Expenses - General Deductions – Provisions Relating to Depreciation – Deemed Business Profits - Undisclosed Incomes – Investments – Compulsory Maintenance of Books of Accounts – Audit of Accounts of Certain Persons – Special Provisions for Computing Incomes on Estimated Basis – Computation	18
	of Income from Business or Profession.	
	TOTAL	90
THEO	RY 20% & PROBLEM 80%	
CO	Course Outcomes	
	Course Outcomes	
CO1	Demonstrate the understanding of the basic concepts and definitions under the In	come Tax Act.
CO2	Assess the residential status of an assessee & the incidence of tax.	
CO3	Compute income of an individual under the head salaries.	
CO4	Ability to compute income from house property.	
CO5	Evaluate income from a business carried on or from the practice of a Profession.	
	Textbooks	
1	V.P.Gaur, Narang, Puja Gaur and Rajeev Puri - Income Tax Law and Practice, K New Delhi.	Calyani Publishers,
2	T.S.Reddy and Hariprasad Reddy, Income Tax Law and Practice, Margham Publichennai.	lications,
3	Dinkar Pagare, Income Tax Law and Practice, Sultan & Chand Sons, New Delhi	
	Reference Books	
1	H.C. Mehrotra, Dr.GoyalS.P, Income Tax Law and Accounts, Sahitya Bhavan Pr	ublications, Agra.
2	T. Srinivasan – Income Tax & Practice –Vijay Nicole Imprints Private Limited ,	Chennai.
3	Hariharan N, Income Tax Law & Practice, Vijay Nicole Imprints Pvt. Ltd. Chem	nai
NOTE	: Latest Edition of Textbooks May be Used	
	Web Resources	
1	https://cleartax.in/s/residential-status/	
2	https://www.legalraasta.com/itr/income-from-salary/	
3	https://taxguru.in/income-tax/income-house-properties.html	

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	2	3	2	3	2	3	3	3	3	2
CO2	3	2	2	2	2	2	2	2	3	2	2
CO3	3	3	3	2	3	2	3	3	3	3	2
CO4	3	2	2	2	2	2	2	2	3	3	2
CO5	3	3	3	2	3	2	3	3	3	2	2
TOTAL	15	12	13	10	13	10	13	13	15	13	10
AVERAGE	3	2.2	2.6	2	2.6	2	2.6	2.6	3	2.6	2



THIRD YEAR – SEMESTER – V

Core Paper XI - Web Technology (Theory)

	·						Total		Marks		
Cotenory		L	Т	P	S	Credits	Inst. Hours	CIA	External	Total	
Cor	e XI	5				4	5	25	75	100	
		Learning Objectives									
LO1	To unders	To understand the internet basic concepts									
LO2	To have p	oractical kı	nowledg	ge on th	e JavaSo	cript					
LO3	To instil t	the prograi	nming	of HTM	1L						
LO4	To apply	To apply the structure in HTML									
LO5	To analyze the request and response objects										
Prerequis	 site: Should	d have stud	lied Co	mmerce	in XII S	Std.					
Unit					Content	A STATE OF THE PARTY OF THE PAR	I DLESSI	1		No. of Hours	
I		Basic – In t – frames			The same of the sa	more an area			-	15	
II	Data type	ion to Java - variable - Dialog b	e – array		DUCATE	TO FLEVAIL				15	
III	JavaScript document object model – introduction – object in HTML – event handling – window object – browser object – form object – navigator object – build in object – cookies.								15		
IV	ASP.NET: Language Structure – page structure – page event, properties - compiler directives. HTML server controls – Anchor, Tables, Forms - Basic Web server controls – label, textbox, button, image, links, check & radio button, hyperlink.								15		
V	Request a	and Respo								15	

	Security: Authentication, IP Address, Secure by SSL & Client Certificates.	
	TOTAL	75
CO	Course Outcomes	
CO1	Illustrate the objectives of HTML	
CO2	Describe the advantages of Java Script	
CO3	Apply the skills of HTML Objects	
CO4	Analyze the language structure in HTML	
CO5	Explain the IP Address and to secure by SSL	
<u> </u>	Textbooks	
1	Bayross, Web Enable Commercial Application Development Using HTML, DE javascript, Perl CGL. BPB Publications, 2000	TML,
2	G. Buczek, ASP.NET Developers Guide, TMH, 2002 3. A.Russell Jones, Master Server Pages 3, BPB Publications	ering Active
3	M Srinivasan, Web technology, Pearson, 2012	
	Reference Books	
1	Akshi Kumar, Web Technology, Theory and Practice, CRC Press	
2	C Xavier, Web technology & design, New Age Publications	
3	Pankaj Sharma, Introduction to web technology, S. K. Kataria & Sons, 2009	
NOTE:	Latest Edition of Textbooks May be Used	
	Web Resources	
1	https://www.google.co.in/books/edition/Web_Technology/BmDW8qqOl5EC?h	l=en&gbpv
1	=1&dq=web%20technology&pg=PR4&printsec=front cover	
2	https://www.google.co.in/books/edition/Web_Technology/bEUPEAAAQBAJ?l	nl=en&gbp
2	v=1&dq=web%20technology&pg=PP1&printsec=front cover	
2	https://www.google.co.in/books/edition/Web_Technology_Design/nKjLYPCV2	«GIC?hl
3	=en&gbpv=1&dq=web%20technology&pg=PP1&printsec=front cover	
	1	

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	2	3	2	3	2	2	2	3	3	2
CO2	3	2	2	2	2	2	2	2	3	2	2
CO3	3	3	3	2	3	2	2	2	3	3	2
CO4	3	2	2	2	2	2	2	2	3	3	2
CO5	3	3	3	2	3	2	2	2	3	2	2
TOTAL	15	12	13	10	13	10	10	10	15	13	10
AVERAGE	3	2.2	2.6	2	2.6	2	2	2	3	2.6	2

3 - Strong, 2 - Medium, 1- Low



THIRD YEAR – SEMESTER – V

Core Paper XII - Data Structure (Theory)

	A								Mar	ks	
	Category	L	Т	P	S	Credits	Inst. Hours	CIA	Exter	nal Total	
Cor	re XII	5				4	5	25	75	100	
		Learning Objectives									
LO1	To under	stand the d	ata struc	ture and	d types o	of data					
LO2	To identi	fy the stacl	ks and q	ieues							
LO3	To exploi	re the linke	ed list								
LO4	To analys	To analyse the trees in data									
LO5	To apply	the graphi	cs in dat	a	25/0						
Prerec	luisite: Sho	ould have s	tudied C	ommer	ce in XII	Std.	G				
Unit				4	Conte	nts	877			No. of Hours	
I						es – types and 2 dimen			Arrays:	15	
II		nd Queues onversion				ions - Evalu ueues	nation of E	xpression	Infix to	15	
III	Linked List: Singly Linked List - Linked Stacks and Queues - Polynomial Addition - Doubly Linked List and Dynamic - Storage Management - Garbage Collection and Compaction.									15	
IV		asic Termi raversal - T	•	•		Binary Tre	e Represei	ntations -	Binary	15	
V	_	Terminolo Iinimum S		-	entations	– Traversa	ls – BFS –	- DFS, Sp	anning	15	
					TOTA	L				75	

	SCAA DATED: 18.05.2023
СО	Course Outcomes
CO1	Describe the different types of data types
CO2	Discuss the stacks and Queues and its fundamental operations
CO3	Apply the linked list in data
CO4	Application of trees in data model
CO5	Determine the graphical terminology and representations
	Textbooks
1	Ellis Horowitz, Sartaj Shani, Data and File Structures Galgotia Publication
2	Ellis Horowitz, Sartaj Shani, Sanguthevar Rajasekaran, "Computer Algorithms Galgotia Publicatio
3	Aho, Hopcroft and Ullman, "Data Structures and Algorithms", Pearson Education 2003.
	Reference Books
1	Seymour Lipschutz – "Theory and Problems of Data Structures"
2	Jean Paul Tremblay & Paul Sorenson – "An Introduction to Data Structures with Applications" – TMH – 1984
3	Behrouz A.Forouzan, Richard Gilberg, "Computer Science – Structured Programming
3	Approach Using C ", 2 nd Ed, Thomson Asia, 2001
NOTI	E: Latest Edition of Textbooks May be Used
	Web Resources
1	https://www.google.co.in/books/edition/Data_Structures_Algorithms_using_C/fCIEEAA
1	AQBAJ?hl=en&gbpv=1&dq=data%20structure&pg=PR1&printsec=frontcover
2	https://www.google.co.in/books/edition/Programming_And_Data_Structures_For_Anna
2	/6vNlE8WNOjQC?hl=en&gbpv=1&dq=data%20structure&pg=PA3&printsec=frontcover
3	https://www.google.co.in/books/edition/Data_Structures_And_Algorithms/K3YzkgEACAAJ?hl=en

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	2	3	2	3	2	2	2	3	3	2
CO2	3	2	2	2	2	2	2	2	3	2	2
CO3	3	3	3	2	3	2	2	2	3	3	2
CO4	3	2	2	2	2	2	2	2	3	3	2
CO5	3	3	3	2	3	2	2	2	3	2	2
TOTAL	15	12	13	10	13	10	10	10	15	13	10
AVERAGE	3	2.2	2.6	2	2.6	2	2	2	3	2.6	2

3 - Strong, 2 - Medium, 1- Low



$\underline{THIRD\ YEAR-SEMESTER-V}$

SBS 3 - Computer Applications: GST with Tally - I (Practical)

	ory	L	Т	P	S	Credits	Inst.		Marks	
	Category	L	1	ı	3	Credits	Hours	CIA Extern		Total
Skil	ll Based Subject	3				2	3	25	25	50
]	Learni	ng Ob	jectives	1			L
LO1	To Introduce account	ing in	Tally 1	prime						
LO2	To Understand the Pr	reparat	ion of	Master	s grou	p				
LO3	To Create the accounting transactions									
LO4	To Generate the financial statements and MIS reports									
LO5	To Introduce the GST Calculation to Tally entry									
Prerequ	isite: Should have stu	died (Comm	erce in	XII S	td.				
Unit				Con	ntents					No. of Hours
I	Fundamentals of Acterminologies and Introduction to Tall Setting up Company	conce	pts - R i me: F	ecordin Featu <mark>re</mark> s	ng of E	usiness Tra	ansactions	3	ion and	15
II	Maintaining Chart of Accounts: Introduction -Chart of Accounts -Groups - Ledgers Accounting Masters: Creation of Groups -Activity of Group Creation -Creation of Ledger -Activity of Ledger Creation Inventory Masters: Three Category of Inventory Masters -Inventory Masters Stock Groups - Stock Category - Unit of Measures - Stock Items- Go down- Activity- Stock group, category unit of measures								ation of Masters-	15
III	Activity- Stock group, category, unit of measures Recording and Maintaining Accounting Transactions: Business Scenarios- Accounting Voucher, Inventory Voucher Receipt Voucher - Contra Voucher - Payment Voucher -Purchase Voucher -Sales Voucher - Debit Note Voucher - Credit Note Voucher - Journal Voucher							15		

B.Com. Information Technology Syllabus w.e.f. 2023-24 onwards - Affiliated Colleges - Annexure No.44F SCAA DATED: 18.05.2023

SCAA DE	ATED: 18.05.
Generating Financial Statements and MIS reports: Trial Balance - Profit &	
Loss A/c -Balance Sheet -View working capital figures -Cash flow & Fund Flow	1.7
Analysis -Stock Summary Analysis - Item wise Profitability -Go down-wise stock	15
Availability -Stock Query- Daybook-Cash and Bank Book-Purchase Register -	
Sales Register-Journal Register-Bird's eye view/drill from anywhere to anywhere	
Introduction to GST: GST in Tally Prime: Basis of GST-GST Tax Structure -	
Supply of Goods and Services - Creation of Company and Activating GST at	
Company Level –Creating Masters-Recording GST compliant transactions:	15
Accounting Intrastate Supply of Goods - Accounting Interstate Supply of Goods -	
GST Reports-(Generating GST Returns for Regular Dealer in Tally: GSTR-1 -	
GSTR-3B -GSTR-9) – GST Filling (GST Annual Computation)	
TOTAL	75
Course Outcomes	
Understand accounting entries in Tally prime	
Understand the creations of Masters group	
Understand the accounting transactions entry in Tally	
Generate the financial statements and MIS reports	
Understand the GST Calculation in Tally entry	
Textbooks	
Tally Education Pvt. Ltd, Official Guide To Financial Accounting Using Tally.ERP 9 Publications, 2018	O, BPB
Shraddha Singh, Tally ERP 9 (Power of Simplicity), V&S Publishers, 2015	
Nadhani, Tally .ERP 9 Training Guide, BPB Publications, 2009	
Reference Books	
Vinod Kumar (Educator), Tally.ERP 9 Made Easy, Vinod Kumar,2016	
Dinesh Maidasani, Straight To The Point - Tally.ERP 9, Laxmi Publications Pvt Limit	ited, 2010
Asok K Nadhani, GST Accounting with Tally .ERP 9, BPB Publications, 2018	
Latest Edition of Textbooks May be Used	
	Generating Financial Statements and MIS reports: Trial Balance - Profit & Loss A/c -Balance Sheet -View working capital figures -Cash flow & Fund Flow Analysis -Stock Summary Analysis - Item wise Profitability -Go down-wise stock Availability -Stock Query - Daybook-Cash and Bank Book-Purchase Register -Sales Register-Journal Register-Bird's eye view/drill from anywhere to anywhere Introduction to GST: GST in Tally Prime: Basis of GST-GST Tax Structure - Supply of Goods and Services - Creation of Company and Activating GST at Company Level -Creating Masters-Recording GST compliant transactions: Accounting Intrastate Supply of Goods - Accounting Interstate Supply of Goods - GST Reports-(Generating GST Returns for Regular Dealer in Tally: GSTR-1 GSTR-3B -GSTR-9) - GST Filling (GST Annual Computation) TOTAL Course Outcomes Understand accounting entries in Tally prime Understand the creations of Masters group Understand the accounting transactions entry in Tally Generate the financial statements and MIS reports Understand the GST Calculation in Tally entry Textbooks Tally Education Pvt. Ltd, Official Guide To Financial Accounting Using Tally.ERP 9 Publications, 2018 Shraddha Singh, Tally ERP 9 (Power of Simplicity), V&S Publishers, 2015 Nadhani, Tally .ERP 9 Training Guide, BPB Publications, 2009 Reference Books Vinod Kumar (Educator), Tally.ERP 9 Made Easy, Vinod Kumar, 2016 Dinesh Maidasani, Straight To The Point - Tally.ERP 9, BPB Publications, 2018

	Web Resources
1	https://www.youtube.com/watch?v=QC4ghSZVpsE
2	https://www.youtube.com/watch?v=rG_eHA3vN1I
3	https://www.youtube.com/watch?v=xwpJ5QX9WEU

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	2	3	2	2	2	2	2	3	2	2
CO2	3	2	2	2	2	2	2	2	3	2	2
CO3	3	2	3	2	2	2	2	2	3	2	2
CO4	3	2	2	2	2	2 (1) (3) (4) (4)	2	2	3	2	2
CO5	3	2	3	25	2	2	2	2	3	2	2
TOTAL	15	10	13	10	10	10	10	10	15	10	10
AVERAGE	3	2	2.6	2	2	2	2	2	3	2	2

3 - Strong, 2 - Medium, 1- Low



$\underline{THIRD\ YEAR-SEMESTER-VI}$

Core Paper XIII - Management Accounting

Ľ									Marks		
Category		L	Т	P	S	Credits	Inst. Hours	CIA	External	Total	
Core 2	XIII	5				4	5	25	75	100	
				Lear	ning Obj	jectives					
LO1	To u										
LO2		now the aspe				olycic					
LO3	To fa	amiliarize wit	h fund flo	w and cash	n flow ana	alysis					
LO4	To le	earn about bu	dgetary co	ntrol							
LO5	To g	ain insights in	nto margin	al costing.	ಕ್ಷಾಣಕ	க்கழக்மு					
	isite: S	Should have	studied F	nancial A	ccountin	g in <mark>Ist S</mark>	em.				
Unit				Cor	ntents //				No. of	f Hours	
I	Introduction to Management Accounting Management Accounting – Meaning – Scope – Importance- Limitations - Management Accounting Vs Cost Accounting – Management Accounting Vs									15	
II	Financial Accounting. Financial Statement Analysis Analysis and Interpretation of Financial Statements – Nature and Significance - Types of Financial Analysis – Tools of Analysis – Comparative Statements – Common Size Statement – Trend Analysis. Ratio Analysis: Meaning – Advantages – Limitations – Types of Ratios – Liquidity Ratios – Profitability Ratios -Turnover Ratios – Capital Structure Ratios – Leverage Ratios – Preparation of Financial Statements from Ratios.									15	
III	Fund Intro Fund Work Flow Cash	d Flow Analyduction, Meals -Technique king Capital- Statement. Flow States Flow States Control of Flow States	ysis & Casaning of It of Prepar Adjusted ments: Mement as I	Flow A Funds Floring Funds Profit and eaning – A per AS 3	nalysis w Statem Flow Stat l Loss A dvantage	nent-Ascer tement- Sc ccount - l s – Limita	chedule of Preparations – Pr	f Changes on of Fur reparation	in ads of	15	

	DCAA	DATED. 10.03.2		
IV	Budgetary Control Budgetary Control: Meaning – Preparation of Various Budgets – Cash Budget - Flexible Budget – Production Budget – Sales Budget.	15		
V	Marginal Costing: Meaning - Features – Fixed Cost, Variable Cost and Semi Variable Cost- Contribution- Marginal Cost Equation- P/V Ratio - Break Even Point - Margin of Safety – Cost- Volume Profits Analysis- Break Even Point – Decision Making: Selection Of a Product Mix – Make or Buy Decision – Discontinuance of a product line – Change or Status quo – Limiting Factors – Exploring New Markets.	15		
	TOTAL	75		
THEOF	RY 20% & PROBLEM 80%			
CO	Course Outcomes			
CO1	Remember and recall basics in management accounting			
CO2	Apply the knowledge of preparation of Financial Statements			
CO3	Analyse the concepts relating to fund flow and cash flow			
CO4	Evaluate techniques of budgetary control			
CO5	Formulate criteria for decision making using principles of marginal costing.			
	Textbooks			
1	Jain S.P. &Narang K.L. (2018) Cost and Management Accounting, kalyani publica	ations,		
2	Dr.S.N.Maheswari, Cost and Management Accounting, Sultan chand sons publicate Delhi.	ions, New		
3	Sharma and Shashi K. Gupta, Management Accounting, Kalyani Publishers, Chem	nai.		
4	Jenitra L Mervin ,Daslton L Cecil, Management Accounting, Lerantec Press, Chen	nai.		
5	T.S.Reddy& Y. Hari Prasad Reddy, Management Accounting, Margham publication	ons, Chennai.		
	Reference Books			
1	Chadwick – The Essence of Management Accounting, Financial Times Publication	ns, England.		
2	Charles T.Horngren and Gary Sundem –Introduction to Management Accounting, Chennai.	Pearson,		
3	Murthy A and Gurusamy S, Management Accounting- Theory & Practice, Vijay N	icole Imprints		

	SCHIED TILD. 10.03.2
	Pvt. Ltd .Chennai.
4	Hansen - Mowen, Cost Management Accounting and Control, South Western College, India.
5	N.P. Srinivasan, Management Accounting, New Age publishers, Chennai.
NOTE:	Latest Edition of Textbooks May be Used
	Web Resources
1	https://www.accountingnotes.net/companies/fund-flow-analysis/fund-flow-analysis-accounting/13300
2	https://accountingshare.com/budgetary-control/
3	https://www.investopedia.com/terms/m/marginalcostofproduction.asp

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	2	3	2	5603 ^{3.8.6}	10°20	3	3	3	2	2
CO2	3	2	2	2	3	2	2	2	3	2	3
CO3	3	2	3	2	3	2	3	3	3	2	2
CO4	3	2	2	2 7h	47HIAR	2 UNIVER	2	2	3	2	2
CO5	3	3	3	2800	3 இந்தப்பா	alore 2 あ贝。山市	3	3	3	2	3
TOTAL	15	11	13	10	15	10	13	13	15	10	12
AVERAGE	3	2.1	2.6	2	2	2	2.6	2.6	3	2	2.4

^{3 -} Strong, 2 - Medium, 1- Low

THIRD YEAR – SEMESTER - VI

Core Paper XIV - Income Tax Law and Practice II

gory		L	Т	P	S	Credits	Inst.		Marks		
Category			•	1		Cicuits	Hours	CIA	External	Total	
Core	XIV	5				4	5	25	75	100	
				Lea	arning C	D bjectives					
LO1	To understand provisions relating to capital gains										
LO2	To kn	ow the pro	visions for	r computat	tion of in	come from	n other sou	irces.			
LO3	To familiarize law relating to set off and carry forward of losses and deductions from Gross To Income.										
LO4	To lea	ırn about a	ssessment	of individ	uals						
LO5	To gain knowledge about assessment procedures.										
Prerequ	isite: Sl	hould have	e studied	Financial	Accoun	ting in Ist	Sem.				
Unit					Conto	ents	& ATTILLIE.			No. of Hours	
I	Capita					- ()	n of Capi	tal Gains	– Exemption	15	
II	under Section 54, 54B, 54D, 54EC, 54F, 54GA. Income from Other Sources Income from Other Sources – Income Chargeable to Tax under the Head Income from Other Sources – Procedures for Computing Income from Other Sources – Deductions Allowed – Deduction not Allowed – Problems on Computation of Income from Other Sources.									15	
III	Provis 80C,	sions for Se 80CC, 80	et-off and OCCB, 80	Carry For CCC, 800	ward of 1 CCD, 80	•	mple Prob	lems). De 80DDB	eductions U/S 80E, 80EE,	15	

IV	Assessment of Individuals Assessment: Meaning and Types, Computation of Total Income and Tax Liability of an Individuals (simple problems in case of Income from salaries, HP and Profits and Gains – computed income may be given).							
	Income Tax Authorities							
V	Administration of Income Tax Act – Income Tax Authorities – Powers of CBDT – Powers of Income – Tax Officers - Procedures for Assessment – Filing of Return – Due Dates of Filing – Voluntary Filling – Return of Loss – Related Return – Defective Return – Signing of Return – Permanent Account Number (PAN)							
	TOTAL	75						
THEOR	RY 20% & PROBLEM 80%							
CO	Course Outcomes							
CO1	Remember and recall provisions on capital gains							
CO2	Apply the knowledge about income from other sources							
CO3	Analyses' the set off and carry forward of losses provisions							
CO4	Learn about assessment of individuals							
CO5	Apply procedures learnt about assessment procedures.							
	Textbooks							
1	V.P.Gaur, Narang, Puja Gaur and Rajeev Puri- Income Tax Law and Practice, Kalyan New Delhi.	i Publishers,						
2	T.S.Reddy and Hariprasad Reddy, Income Tax Law and Practice, Margham Publication Chennai.	ons,						
3	DinkarPagare, Income Tax Law and Practice, Sultan & Chand Sons, New Delhi.							
4	Mehrotra H.C, Dr.GoyalS.P,Income Tax Law and Accounts, Sahitya Bhavan Publicat	ions, Agra.						
5	T. Srinivasan – Income Tax & Practice –Vijay Nicole Imprints Private Limited , Chennai.							
	Reference Books							
1	Hariharan N, Income Tax Law & Practice, Vijay Nicole Imprints Pvt. Ltd. Chennai.							
2	Bhagwati Prasad, Income Tax Law and Practice, Vishwa Prakasan, New Delhi.							
3	Vinod K. Singhania, Students Guide to Income Tax., U.K. Bharghava Taxman, New Delhi.							

	~ 01.11.12.11.11
4	Dr. Vinod K Singhania, Dr. Monica Singhania, Taxmann's Students' Guide to Income Tax, New
	Delhi.
5	Mittal Preethi Rani and Bansal Anshika, Income Tax Law and Practice, Sultan & Chand Sons,
3	New Delhi.
NOTE	
NOTE:	Latest Edition of Textbooks May be Used
	Web Resources
	Web Resources
1	https://www.investopedia.com/terms/c/capitalgain.asp
2	https://www.incometaxmanagement.com/Direct-Taxes/AY-2021-22/assessment/1-assessment-of-
	an-individual.html
3	https://www.incometax.gov.in/iec/foportal/

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	2	3	2	30 in 8	ψ.2 ₆	3	3	3	2	2
CO2	3	2	2	2	2	2	1 2 E.	2	3	2	3
CO3	3	3	3	2	3	2	3	3	3	2	2
CO4	3	2	2	2	2 ATHIAN	2 LINIVER	2	2	3	2	2
CO5	3	3	3	23/5/5	3 Coim	atore 2	\$ 3°	3	3	2	3
TOTAL	15	12	13	10	13111	10	13	13	15	10	12
AVERAGE	3	2.2	2.6	2	2.6	2	2.6	2.6	3	2	2.2

^{3 -} Strong, 2 - Medium, 1- Low

<u>Core Paper XV – Java Programming (Theory)</u>

ory		_			a	G 114	Inst.		Marks	
Category		L	Т	P	S	Credits	Hours	CIA	External	Total
	Paper V	4				3	4	20	55	75
Learning Objectives										
LO1	To pro	vide ove	erview al	out inte	ernet an	d related protoc	ols			
LO2	2 To provide insights about various operators									
LO3	To provide knowledge about class fundamentals									
LO4										
	To offer insights about different types of inheritance									
	LO5 To provide information about AWT classes									
Prere	erequisites: Should have studied Commerce in XII Std.									No. of
Unit	Contents								Hours	
Ι	An overview of Internet: Internet – Overview –Internet Protocols – Internet address – Internet access – Applications – Future of Internet and intranet related Applications. – Basic concepts of OOP – benefits of OOP – Object Oriented applications of OOP – Data types, variables and arrays – Programs with input, numeric input – type conversion and casting								12	
II	Operators: Operators – Arithmetic operators – Bitwise operators – Relational operators – Relational operators – Assignment operators?								12	
III	Class Fundamentals: Class fundamentals – Declaring Objects – Assigning Object Reference Variables – Introducing methods – Constructors – This keyword – Garbage collection – The finalize () method. Overloading Methods – Objects as Parameters – Arguments Passing – Returning Objects– Recursion – Access Control – Static – Final – Arrays – Nested and Inner Classes – String Class – Command Line Arguments								12	
IV	Basics of Inheritance: Inheritance Basics – Using Super – Creating a Multilevel Hierarchy – When Constructors are called – Method Overriding – Dynamic Method Dispatch – Using Abstract Classes – Using final with Inheritance – The Object Class. Packages – Access									

	SCAA DATED.	10.05.20						
	Protection – Importing Packages – Interfaces.							
V	Fundamentals of Windows and Applet: AWT classes – Windows fundamentals – Working with Frame windows – Working with graphics – Paint Mode – Fonts – Text and Graphics – AWT Controls – Labels – Buttons – Menus Handling Events by Extending AWT Components. Applet fundamentals – Applet Class – Understanding HTML Applet Tag	12						
	TOTAL	60						
CO	Course Outcomes							
CO1	ecalling various concepts about internet and related protocols							
CO2	Understanding various operators							
CO3	omparing various class fundamentals							
CO4	analyzing different types of inheritance							
CO5	nderstanding about various AWT classes							
	Textbooks							
1	Daniel Minoli, Internet and Intranet Engineering — Tata McGraw Hill, 1999							
2	Java – The complete Reference, Patrick Naughton & Herbert Schildt, Tata McGraw Hill, 2018							
3	E. Balaguruswamy, Programming with JAVA - A Primer, McGraw-Hill Professionals, 2014							
	Reference Books							
1	Peter Verhas, Java Projects, Packt Publishing · 2018							
2	K. Somasundaram, Introduction to Java Programming, Jaico Publishing House · 2014							
3.	Yakov Fain, Java Programming, Wiley, 2015							
NOT	E: Latest Edition of Textbooks May be Used							
Web Resources								
1	https://www.youtube.com/watch?v=qOWPCPCDRZs							
2	https://www.youtube.com/watch?v=BGTx91t8q50							
3.	https://www.youtube.com/watch?v=4FdXGBAiacs							

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	2	3	2	3	2	3	3	3	2	2
CO2	3	2	2	2	2	2	2	2	3	2	3
CO3	3	3	2	2	3	2	3	3	3	2	2
CO4	3	2	2	2	2	2	2	2	2	2	2
CO5	3	3	3	2	3	2	3	3	3	2	3
TOTAL	15	12	12	10	13	10	13	13	14	10	12
AVERAGE	3	2.4	2.4	2	2.6	2	2.6	2.6	2.8	2	2.4

3 - Strong, 2 - Medium, 1- Low



<u>Core Paper XVI – Spread sheet Accounting – (Practical)</u>

)rv	6.2	_		_			Inst.		Marks	
Category		L	Т	P	S	Credits	Hours	CIA	External	Total
	Paper VI			3		3	3	30	45	75
]	Learning Obje	ctives			
LO1	To uno	derstand	the worl	king of s	preadsl	neet				
LO2	To analyze the functions of spreadsheet									
LO3	To im	To imply the functions of spread sheet								
LO4	To exp	To explore the reporting and analysis in spreadsheet								
LO5	-	To give more knowledge on the accounting principles in spread sheet								
						○ 1				
Unit	equisites: Should have studied Commerce in XII Std. Contents								No. of Hours	
Ι	Spread Differed Rows, Edit an	lsheet – ences be Columi	Spreads etween l ns, Cell at a Spre	sheets ir Microso Coordin	Popul ft Exce ates – C	ar <mark>use (Google</mark> I and Google Getting Familia	Spreadshee Sheets —Spr with the M	t and Micreadsheet Menus on	et – History of crosoft Excel) – Basics – Cells, a Spreadsheet – and Format and	9
II	Spreadsheet Functions I: Formulas Basic Functions — Date and Time Functions — Logical Functions — Manipulating Text using Functions — Financial and Statistical Functions — Database Functions									9
III	Spreadsheet Functions II: Data Filter and Sort Functions – Data Validation – Conditional Filters – Pivot Tables – Group and Sub-Totals – What-if Analysis – Writing Macros (Basics) - Connect to Database (optional topic).								9	
IV	Spreadsheet for Reporting and Analysis: Import Data Sets and Spreadsheets – Set Calculations Settings – Graphs and Charts – Using QUERY Function - Statistical Trend Analysis.								9	

V	Spreadsheet for Accounting: Create and Customize a Spreadsheet to journalize and post transactions – Preparing a Budget / Costing Sheet Template – Personal Income Tax Calculator Template.	9						
	TOTAL	45						
СО	Course Outcomes							
CO1	Paraphrase the importance of spreadsheet accounting							
CO2	Applications of spreadsheet functions in spreadsheet accounting							
CO3	Implication of data functions in spreadsheet accounting							
CO4	Describe the reports of spreadsheet accounting							
CO5	Enumerate the accounting terminology in spreadsheet accounting							
	Textbooks							
1	John Walkenbach , MS Excel Bible, Wiley Publication, New Jersey, USA.							
2	Ramesh Bangia, Learning Microsoft Excel 2013, Khanna Book Publishing, Bangalore.							
3	Wayne L Winston, Microsoft Excel, Data Analysis and Business Modelling, Prentice Hall, New Jersey, USA.							
	Reference Books							
1	Glyn Davis &BrankoPecar: Business Statistics using Excel, Oxford publications, Chennai.							
2	Google Sheets Basics: Masato Takeda and others; TekuruInc, India.							
3.	HarjitSuman, Excel Bible for Beginners, Kindle Editio, Chennai.							
NOT	NOTE: Latest Edition of Textbooks May be Used							
	Web Resources							
1	https://www.freebookkeepingaccounting.com/using-excel-in-accounts							
2	https://courses.corporatefinanceinstitute.com/courses/free-excel-crash-course-for-finance							
3.	https://www.youtube.com/watch?v=Nv_Nnw01FaU							

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	2	3	2	3	2	3	3	3	2	2
CO2	3	2	2	2	2	2	2	2	3	2	3
CO3	3	3	2	2	3	2	3	3	3	2	2
CO4	3	2	2	2	2	2	2	2	2	2	2
CO5	3	3	3	2	3	2	3	3	3	2	3
TOTAL	15	12	12	10	13	10	13	13	14	10	12
AVERAGE	3	2.4	2.4	2	2.6	2	2.6	2.6	2.8	2	2.4

3 - Strong, 2 - Medium, 1- Low



SKILL BASED SUBJECT 4: COMPUTER APPLICATIONS: GST WITH TALLY - II (PRACTICAL)

Subjec		L	Т	P	S	Credits	Inst.		Marks				
Code		L	•	•		Credits	Hours	CIA	External	Total			
SBS				2		2	2	25	25	50			
Learning Objectives													
LO 1	To	To Introduce accounting in Tally prime											
LO 2	То	To Understand the Preparation of Masters group											
LO 3	То	Create	e the a	ccoun	ting ti	ransactions							
LO 4	То	Genei	rate th	e finai	ncial s	tatements and	MIS reports						
LO 5	То	Introd	luce th	ne GST	Γ Calc	ulation to Tall	y entry						
Prerequi	sites	: Sho	uld h	ave st	udied	Commerce in	XII						
UNIT	Contents No. of Hours												
1. C	reate	the co	ompar	ny witl	h relev	<mark>ant informati</mark> c	n <mark>using tall</mark> y	prime	I				
2. Lo	_	r creat			N Ugo	Sundry	debtors	M					
		ng sto	ck			Wages Distribution Foucare to e	LE THUY BY BY						
	urcha ales	ise											
		cred	itors										
В	ank a	ccour	nt										
te	lepho	one ch	arges										
of	fice	rent											

3. Prepare an Trial Balance of ABC PVT LTD for the following financial year of 1.4.2020 to 31.3.2021 using ledger creation in tally prime(use amount as opening balance)

S.No	Particulars	Rs
1	Capital	26000
2	Stock	10000
3	Debtors	8000
4	Creditors	12000
5	Machinery	20000

4. Prepare Trading Account using tally prime

Rs

3600

700

Particular

Machinery

Capital

Particulars	Amount						
Sales	2,05,000 365 105 105 105 105 105 105 105 105 105 10						
Sales Return	15,000						
Purchase	49,000						
Purchase Returns	3000						
Opening Inventories	8000						
Closing Inventories	30000						
5.Prepare the trading and profit and Loss account and balance sheet as on 31st march 2021							
in Tally Prime							

General Expenses

Salaries

Particulars

Rs

600

200

B.Com. Information Technology Syllabus w.e.f. 2023-24 onwards - Affiliated Colleges - Annexure No.44F SCAA DATED: 18.05.2023

Sales	8,200	Rent	500
Purchase	4000	Return outward	50
Sales Return	100	Debtor	3000
Stock 1-4-2020	1000	cash	400
Drawing	400	carriage on sales	200
Wages	1000	Advertisement	200
Carriage inward	50	Creditor	500
		Closing stock	2000

6. Create the following items in tally prime inventory masters

Activity- Stock Group Creation

Stock Item Name	Stock Group	Stock Category	Units of Measure
Oppo A31 Mobile	Oppo Mobile Phone	64 GB Storage	Nos
OnePlus Nord Mobile	OnePlus Mobile Phone	128 GB Storage	Nos
Nokia C3 Mobile	Nokia Mobile Phone	32 GB Storage	Nos

- 7...Purchasing the following goods from Anita enterprises, Tamilnadu with supplier invoice 101. Enter in purchase voucher in tally prime with necessary leger creation.
- Computer 100nos Rs.12000
- External Hard Drive 50nos Rs.3500
- 8. Purchasing the following goods from Ax world, New Delhi with supplier invoice 102. Enter in purchase voucher in tally prime with necessary leger creation.

Pen driver 300nos Rs.750; Scanner 50nos Rs.25200

9. Sold the following goods to Mr.Murali, Tamilnadu with customer invoice 123. Enter in

sale voucher in tally prime with necessary leger creation.

- Pen driver 50nos Rs.850
- Scanner 10nos Rs.27000
- 10. Sold the following goods to Ms.Meera, Gujarat with customer invoice 124. Enter in sale voucher in tally prime with necessary leger creation. Computer 10nos Rs.14000; External Hard Drive 10nos Rs.4000
- 11. Enter the following transaction of ANU enterprises
- Apr 05 Paid Telephone Charges Rs.2000
- Apr 10 Received Commission Rs.30000
- Apr 23 An account paid to M/s.ANU ENTERPRISES was Rs.15000 part settlement against bill no:21
- May 01 Purchase goods from M/s.A.P COMPUTERS was Rs.50000 bill no:30 25days
- May 13 Depreciation of Machinery @ 10%
- May 19 Cash withdraw from bank Rs.10000
- May 27 Bank O/D Received Rs.200000

12. Create Godown in tally prime

Particulars	Rs	Rs
The state of the s	3	7
Capital	Coinhatore Galdes	3,00000
Bills Payable	EDUCATE TO ETENALE	45000
Cash	1,42,200	
Furniture	50000	
Bank o/d		80000
Good will	95000	
Salary Due		45000
Profit and Loss account		50000

Name of the Godown

Name: Godown: A

Under: primary

Name: Godown B

Under: primary

Stock in hand

Name of the item	Qty	Rate	Go down
External Hard Disk	10nos	8000 each	(A-6,B-4)
Internal Hard Disk	7nos	3,000 each	(A-5.B-2)

- 13. Generating the report and print
- 14. Create a company with all relevant information with enabling GST information
- 15. Accounting of purchases made from composition dealers and defining GST rate details at stock item level

JK Traders Purchased the following goods from Rakesh Traders, Karnataka who is a composition dealer with the supplier invoice number 001 (GST:8%)

Name of item	quantity	Rate
M S Printer	10 Nos	6000

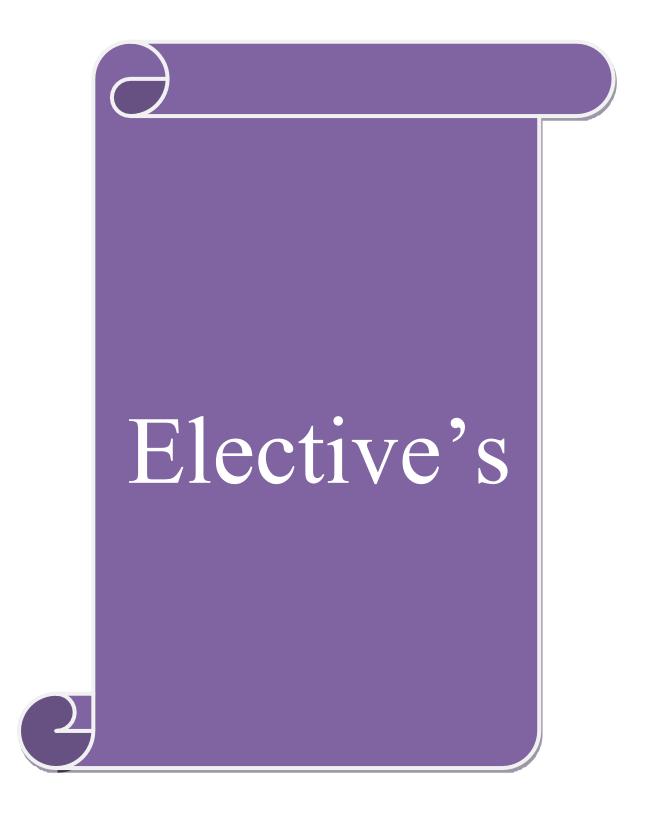
Combatore							
	Total Lineous unigo	30					
CO	Course Outcomes	1					
CO1	Understand accounting entries in Tally prime						
CO2	Understand the creations of Masters group						
CO3	Understand the accounting transactions entry in Tally						
CO4	Generate the financial statements and MIS reports						
CO5	Understand the GST Calculation in Tally entry						

	Textbooks								
1	Tally Education Pvt. Ltd, Official Guide To Financial Accounting Using Tally.ERP 9, BPB Publications, 2018								
2	Shraddha Singh, Tally ERP 9 (Power of Simplicity), V&S Publishers, 2015								
3	Nadhani, Tally .ERP 9 Training Guide, BPB Publications, 2009								
	Reference Books								
1	Vinod Kumar (Educator), Tally.ERP 9 Made Easy, Vinod Kumar,2016								
2	Dinesh Maidasani, Straight To The Point - Tally.ERP 9, Laxmi Publications Pvt Limited, 2010								
3	Asok K Nadhani, GST Accounting with Tally .ERP 9, BPB Publications, 2018								
	Web Resources								
1.	https://www.youtube.com/watch?v=QC4ghSZVpsE								
2.	https://www.youtube.com/watch?v=rG_eHA3vN1I								
3.	https://www.youtube.com/watch?v=xwpJ5QX9WEU								

Mapping with Programmes Outcomes & Programmes Specific Outcomes:

Cos					PSOs						
	1	2	3	4	0005 005	6 mbatore	7 Gal	8	1	2	3
CO1	3	2	3	3	3	FDUCA 2: TO ELE	IATE 2	2	3	2	2
CO2	3	2	3	3	3	3	2	2	3	2	2
CO3	3	2	3	3	3	2	3	2	3	2	2
CO4	3	2	3	3	3	3	2	2	3	2	2
CO5	3	2	3	3	3	2	3	2	3	2	2
Total	15	10	15	15	15	12	12	10	15	10	10
Average	3	2	3	3	3	2.4	2.4	2	3	2	2

³⁻ Strong, 2- Medium, 1- low.



Elective – I: Informatics and Cyber Laws

	F						.		Marks	Iarks	
	Category	L	Т	P	S	Credits	Inst. Hours	CIA	External	Total	
Ele	ective – I	5				4	5	25	75	100	
				Learnin	g Obje	ctives					
LO1	To review the	e basic cor	ncepts and	fundame	ntal kn	owledge ii	n the field	l of info	ormatics.		
LO2	To create awareness about the nature of the emerging digital knowledge society and the impact of informatics on business decisions.										
LO3	To enlighten the social informatics in IT & Society										
LO4	To instil the	importance	e of cyber	world							
LO5	To create an	awareness	about the	cyber wo	orld and	d cyber reg	gulations				
Prereq	 uisites: Shoul	d have stu	ıdied Con	ımerce i	n XII S	Std.	١				
Unit			M	Conte	ıts	BBITI	М		No.	of Hours	
I	Overview on networks & introduction guarantee, and	Internet to mobile	, wireles e phone t	s <mark>techno</mark> echnolog	ology, y, Pur	cellular chase of	wireless	netwo	orks,	15	
II	Knowledge Skills for Higher Education: Data, information and knowledge, knowledge management, Internet access methods –Dial-up, DSL, Cable, ISDN, Wi-Fi. Internet as a knowledge repository, academic search techniques, creating cyber presence. Academic websites, open access initiatives, opens access publishing models, Introduction to use of IT in teaching and learning - Educational software, Academic services – INFLIBNET, NICNET, BRNET.									15	
III	Social Information development medicine, he detection, proper detection artificial interproper us computing, in	matics: IT, IT for ealthcare, publishing education, lligence, Vage of con	C & Socie national business, commufilm and rairtual real reputers, in	ty— issue integration comme inication, nedia, IT ity, bio conternet ar	s and on, overce, in resolution served and mobile	concerns— erview of ndustry, d ource ma vice of disa ing. Health oile phones	digital difference, nagementabled, Future issues — E-waste	ivide, I'olicatior law, cr t, wea turistic guide l	T & in rime ather IT – lines	15	

IV	Cyber World : Cyber space, information overload, cyber ethics, cyber addictions, cybercrimes – categories – person, property, Government – types – stalking, harassment, threats, security & privacy issues	15
V	Cyber Regulations: Scope of cyber laws, - Provisions under IT Act 2000, cyber related Provisions under IPC	15
	TOTAL	75
CO	Course Outcomes	
CO	Course Outcomes	
CO1	Apply Information Security Standards compliance during software design and de	evelopment
CO2	Analyze the knowledge skills in informatics	
CO3	Implication of social informatics in IT & society and various consequences in so informatics	cial
CO4	Understand the concept of cybercrime and its effect on outside world	
CO5	Interpret and apply IT law in various legal issues	
	Textbooks	
1	Ramesh Bangia. Learning Computer Fundamentals, Khanna Publishers, New De	elhi
2	Raja Raman, Introduction to information Technology, PHI, New Delhi.	
3	Alexis Leon & Mathews Leon. Fundamentals of Information Technology, Vi House, New Delhi.	kas Publishing
	Reference Books	
1	Barbara Wilson. Information Technology: The Basics, Thomson Learning	
2	George Beekman, Eugene Rathswohl. Computer Confluence, Pearson Education	, New Delhi.
3	IT Act 2000, 8. Rohas Nagpal, IPR & Cyberspace – Indian Perspective	
NOTE	Latest Edition of Textbooks May be Used	

	Web Resources
1	https://www.google.co.in/books/edition/INFORMATICS/jKd2BAAAQBAJ?hl=en&gbpv=1&dq=informatics%20and%20cyber%20laws&pg=PP1&printsec=front cover
2	https://www.google.co.in/books/edition/Cybercrime_and_Information_Technology/mZhF EAAAQBAJ?hl=en&gbpv=1&dq=informatics%20and%20cyber%20laws&pg=PP1&printsec = front cover
3	https://www.youtube.com/watch?v=NG2KAtL_QtQ&list=PLb_GOtSrdPpDpqXiMApZw 265y35dm4QKe

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	2	3	3	3	2	3	3	3	2	2
CO2	3	2	3	3	_த ை 2 ்க்க	ψ2 ₀ , 6	2	2	3	2	3
CO3	3	3	3	3/77/8	3	2	3	3	3	2	2
CO4	3	2	3	3	2	2	2	2	3	2	2
CO5	3	3	3	3 4	3	2 LINIVER	3	3	3	2	3
TOTAL	15	12	15	15	13 ····	ator 10	13	13	15	10	12
AVERAGE	3	2.4	3	3	2.6	DELEZTE	2.6	2.6	3	2	2.4

^{3 -} Strong, 2 - Medium, 1- Low

Elective – I: Business Finance

rv.		_		_			Inst.		Marks			
Category		L	T	P	S	Credits	Hours	CIA	External	Total		
Electi	ive – I	5				4	5	25	75	100		
					I	Learning Obje	ctives					
LO1	Introdu	ıce the c	oncepts o	of busines	s financ	e.						
LO2	Under	stand ah	out the fi	nancial n	lans							
	Understand about the financial plans.											
LO3	Know a	Know about the capitalization of the financial sources.										
LO4	Understand about the capital structure											
LO5	Know about the different sources of finance											
Prere	 quisites	: Shoul	d have s	tudied (Comme	erce in XII Std	256					
Unit						Contents	SE SEE			No. of		
C 1224							蓝蓝			Hours		
I		on of F				00.00			epts - Scope – Modern Finance	15		
II			n: Fina Fundam		an: Me	eaning - Conce	15	tives – Ty	ypes – Steps –	15		
III	Over	Capitalis	sation –	Under	Capitali	-		-	arning Theory – dies – Watered	15		
IV	Equity		of Capita	1					are – Trading on and Composite	15		
V	Mediu	m or lo lending	ng-term.	Type: 0	Ordinar	y (equity) shar	es - Loan st	ock - Reta	manent – Short, ained earnings - enture capital –	15		

	TOTAL	75
		•
CO	Course Outcomes	
CO1	Introduce the concepts of business finance.	
CO2	Understand about the financial plans.	
CO3	Know about the capitalization of the financial sources.	
CO4	Understand about the capital structure	
CO5	Know about the different sources of finance	
	Textbooks	
1	Essentials of Business Finance - R.M. Sri Vatsava	
2	Financial Management – Saravanavel	
3	Financial Management - L.Y. Pandey	
	Reference Books	
1	Financial Management - S.C. Kuchhal	
2	Financial Management - M.Y. Khan and Jain	
NOTI	E: Latest Edition of Textbooks May be Used	
	Web Resources	
1	https://www.youtube.com/watch?v=AJiwqgkKSqc	
2	https://www.youtube.com/watch?v=ITTtEnuoCWw&list=PLwml6wWINYLHpci2- OgbeLOclaWzG9CHY	
3	https://www.youtube.com/watch?v=vLPmjO4K3Vk	

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	2	3	2	3	2	3	3	3	2	2
CO2	3	2	2	2	2	2	2	2	3	2	3
CO3	3	3	2	2	3	2	3	3	3	2	2
CO4	3	2	2	2	2	2	2	2	2	2	2
CO5	3	3	3	2	3	2	3	3	3	2	3
TOTAL	15	12	12	10	13	10	13	13	14	10	12
AVERAGE	3	2.4	2.4	2	2.6	2	2.6	2.6	2.8	2	2.4

3 - Strong, 2 - Medium, 1- Low



Elective – I: Banking Law & Practice

ory		_		_			Inst.		Marks			
Cetegory	Cang	L	T	P	S	Credits	Hours	CIA	External	Total		
Elect	ive – I	5				4	5	25	75	100		
	Learning Objectives											
LO1						ious provision ive banks	of Banking	Regulation	on Act 1949 app	plicable to		
LO2	To trace the evolution of central bank concept and prevalent central banking system around the world and their roles and function											
LO3		To throw light on Central Bank in India, it formation, nationalizing its organization structure, role of bank to government, role in promoting agriculture and industry, role in financial inclusion										
LO4	To un etc.,	To understand how capital fund of commercial banks, objectives and process of Asset securitization										
LO5												
Prere	quisites	s: Shoul	d have s	tudied (Comme	rce in XII Std.	· 原.			NIP		
Unit					M	Contents		H		No. of Hours		
I	Introduction to Banking History of Banking- Provisions of Banking Regulations Act 1949 - Components of Indian Banking - Indian Banking System-Phases of Development - Banking Structure in India - Payment Banks and Small Banks - Commercial Banking: Definition - Classification of Banks. Banking System - Universal Banking - Commercial Banking functions - Role of Banks in Economic Development. Central Banking: Definition –Need - Principles- Central Banking Vs Commercial Banking - Functions of Central Bank.											
	RBI											
II	Estable Person operate banks-	ishment nal bank ive ban Structur	Indian king Inte ks-Mean eNBFC	subsidernational sing and C-Role of	iaries - al bank d defin of NBFO	- Foreign sub ing-Trade Fina ition-Features-CRBI Regulation	osidiaries -N ancing-Corre Co-operative ons-Financial	Ion-Bankin spondent banks V sector re	n and History – ng-Subsidiaries- banking - Co- /s Commercial forms-Sukhmoy dequacy norms-	15		

	classification of assets and provisioning – Meaning, Structure of Interest Rates - Short term and Long Term – Impacts of Savings and Borrowings.	. 10.03.202							
III	Bank Account Opening – Types of Accounts-FDR-Steps in opening Account-Saving vs Current Account- 'Donatio Mortis Causa'-Passbook-Bank Customer Relationship-Special Types of currents – KYC norms. Bank Lending –Lending Sources-Bank Lending Principles-Forms of lending- Loan evaluation process-securities of lending-Factors influencing bank lending – Negotiable Instruments –Meaning –Characteristics-Types. Crossing –Definition –Objectives-Crossing and negotiability-Consequences of Crossing.	15							
IV	Meaning-Components-Kinds of Endorsements-Cheques payable to fictitious person Endorsement by legal representative —Negotiation bank-effect of Endorsement-Rules regarding Endorsement - Paying Banker-Banker's Duty-Dishonoring of Cheques-Discharge of paying banks Payments of a crossed cheque payment. Collecting Bankers-Statutory protection under section85 - Refusal of cheques Payment. Collecting Banker-Statutory protection under section 131-Collecting bankers' duty —RBI instruction —Paying Banker Vs Collecting Banker- Customer grievances-Grievance Redressal —Banking Ombudsman.	15							
V	Meaning-Services-e-banking and Financial services- Initiatives-Opportunities-Internet banking Meaning-Internet banking Vs Traditional banking-Services-Drawbacks-Frauds in Internet banking. Mobile banking—Anywhere Banking-Any Time Banking- Electronic Mobile Wallets. ATM Evolution -Concept-Features - Types Electronic money-Meaning-Categories-Merits of e-money - National Electronic Funds Transfer (NEFT) Real Time Gross Settlement (RTGS) Difference between NEFT & RTGS- Meaning- Steps—Benefits-Monetary policies- final sector reforms- Chakravarthy committee 1985- Narasimham Committee I &II Prudential norms capital adequacy norms- classification of assets & provisions.	15							
	TOTAL	75							
СО	Course Outcomes								
CO1	Aware of various provision of Banking Regulation Act 1949 applicable to banking companies including cooperative banks								
CO2	Analyse the evolution of Central Banking concept and prevalent Central Banking system in In their roles and function	dia and							

	Gain knowledge about the Central Bank in India, it formation, nationalizing its organization structure,
CO3	
	role of bank to government, role in promoting agriculture and industry, role in financial inclusion
CO4	Evaluate the role of capital fund of commercial banks, objectives and process of Asset securitization etc
CO5	Define the practical banking systems relationship of bankers and customers, crossing of cheques,
COS	endorsement etc.
	Textbooks
1	Gurusamy S, Banking Theory: Law and Practice, Vijay Nicole Publication, Chennai
•	
_	Muraleedharan, Modern Banking: Theory and Practice, Prentice Hall India Learning Private Ltd, New
2	Delhi
3	Gupta P.K. Gordon E-Banking and Insurance, Himalaya publication, Kolkata
	Reference Books
1	Gajendra, A Text on Banking Theory Law & Practice, Vrinda Publication, Delhi
2	K P Kandasami, S Natarajan & Parameswaran, Banking Law and Practice, S Chand publication, New
2	Delhi
	ு வக்க <i>மு</i> கும்:
3	B. Santhanam, Banking & Financial System, Margam Publication, Chennai
NOT	E. Latest Edition of Torothopks May be Used
NOI	E: Latest Edition of Textbooks May be Used
	Web Resources
	a Carelland A
1	https://www.rbi.org.in/
2	https://businessjargons.com/e-banking.html
3	https://www.wallstreetmojo.com/endorsement/
<i>)</i>	napsa, www.mansaccentojo.com/endorsement

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	2	3	2	3	2	3	3	3	2	2
CO2	3	2	2	2	2	2	2	2	3	2	3
CO3	3	3	2	2	3	2	3	3	3	2	2
CO4	3	2	2	2	2	2	2	2	2	2	2
CO5	3	3	3	2	3	2	3	3	3	2	3
TOTAL	15	12	12	10	13	10	13	13	14	10	12
AVERAGE	3	2.4	2.4	2	2.6	2	2.6	2.6	2.8	2	2.4

3 - Strong, 2 - Medium, 1- Low



Elective – II: E-Commerce and Net Banking

Category		L	Т	P	S	Credits	Inst. Hours		Mar	·ks	
							110415	CIA	Exter	nal	Total
Electi	ve II	4				3	4	20	55	j	75
	Learning Objectives										
LO1	To understar	nd the co	oncept	of e-co	mmerc	e					
LO2	To enlighten the different types of E-commerce										
LO3	To compare the internet and extranet										
LO4	To gain kno	wledge o	on the p	oublic p	oolicy o	of e-commerce	e				
LO5	To identify t	the infra	structu	re for E	E-comn	nerce					
Prere	quisite: Shou	ld have	studie	d Com	merce	in XII Std.					
Unit					Co	ontents				No. of	f Hours
I	Introduction to E-Commerce: Definition, main activities of E-Commerce, goals of E-Commerce, technical components of E-Commerce, functions of E-Commerce. e-Commerce and the Trade Cycle, Electronic Markets, Electronic Data Interchange, Internet Commerce. Business Strategy in an Electronic Age: Supply Chains, Porterís Value Chain Model, Inter Organizational Value Chains, Competitive Strategy, First Mover Advantage.										12
II	Business-to-Business Electronic Commerce: Types of E-commerce, Characteristics of B2B EC, Models of B2BEC, Auctions and Services from traditional to Internet Based EDI; Electronic Data Interchange (EDI): Concepts of EDI and Limitations, applications of EDI, advantages and disadvantages of EDI, EDI Model.										12
III	Internet and Extranet: Architecture of the Internet, Intranet and Extranet, Intranet software, Applications of Intranets, Extranets, Structures of Extranets, Extranet products and services, Applications of Extranets, Business Models of Extranet Applications,; Electronic Payment Systems: Types of Electronic payment types, value exchange system, electronic fund transfer, Issues and Challenges.									12	
IV		-	_			Privacy: Lega , Protecting In					12

	SCHIBIT	10.05.2025
	and Decryption, secret key cryptography, DES and RSA algorithms.	
V	Infrastructure For EC: Network of Networks, Internet Protocols, Web-Based client/Server, Internet Security, Selling on the Web, Chatting on the Web, Multimedia delivery, Analysing Web Visits, Managerial	12
	TOTAL	60
СО	Course Outcomes	
CO1	Illustrate the technical components of E-commerce	
CO2	Compare and contrast the different models of e-commerce	
CO3	Analyze the applications of internet and extranet	
CO4	Discuss the legal issues of e-commerce	
CO5	Enumerate the internet protocols	

	Textbooks
1	David Whiteley, i E-Commerce, Tata McGraw Hill, 2000
2	E Business by Parag Kulakarni and Sunitha Jahirabadkar from Oxford University Press.
3	E Business by Jonathan Reynolds from Oxford University Press
	Reference Books
1	R. Kalakota and A. B. Whinston, Frontiers of Electronic Commerce, Addison Wesley
2	David Kosiur, Understanding Electronic Commerce, Microsoft Press
3	Soka, From EDI to Electronic Commerce, McGraw Hill.
NOT	E: Latest Edition of Textbooks May be Used

	Web Resources
1	https://www.google.co.in/books/edition/Introduction_to_E_Commerce_Technology_in/SdPwoQEACAAJ?hl=en
2	https://www.google.co.in/books/edition/Introduction_to_E_commerce/cheOQeh8rk4C?hl=en&gbpv=1&dq=e-commerce%20and%20networking&pg=PP1&printsec=frontcover
3	https://www.google.co.in/books/edition/Electronic_Commerce/bHzSRAAACAAJ?hl=en

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	2	3	2	2	2	2	2	3	2	2
CO2	3	2	2	2	3	2	2	2	3	2	2
CO3	3	2	3	2	3 is a	y.2.	2	2	3	2	2
CO4	3	2	2	2	72	2	2	2	3	2	2
CO5	3	2	3	2	2	2	2	2	3	2	2
TOTAL	15	10	13	10	12	10	10	10	15	10	10
AVERAGE	3	2	2.6	*0,2	2.4	UN2	2 (Salidil	2	3	2	2

^{3 -} Strong, 2 - Medium, 1- Low

Elective – II: Financial Markets

C	ategory	L	T	P	S	Credits	Inst.		Mai	rks			
							Hours	CIA	Exte	rnal	Total		
Electi	ve II	4				3	4	20	55		75		
Dicci									3.	,	73		
	Learning Objectives												
LO1	To acquire the	nting											
LO2	To identify the errors in accounting and to rectify those errors.												
LO3	To effectively prepare final accounts, bills of exchange, bank reconciliation statements and accounting on joint ventures and consignment.												
LO4	To gain know	wledge a	about b	anks as	finan	cial intermedi	aries.						
LO5	To understar												
	erequisite: Should have studied Commerce in XII Std.												
Unit	Contents ## Contents										f Hours		
I	Financial Markets: Financial Markets – Structure of Financial Markets – Financial Investment – Money Market in India – Indian Capital Markets – Difference between Money Market and Capital Market – Classification and object of Indian Money										12		
П	Markets and Structure of Capital Markets. Markets For Corporate Securities: Markets for Corporate Securities – New Issue Markets – Functions Issue Mechanism – Merchant Banking - Role and Functions of Markets – Parkers in India. Under writing										12		
III	Merchant Bankers in India – Under writing. Secondary Markets: Secondary Markets – Stock Exchange – Role of Secondary Market – Trading in Stock Exchange – Various Speculative Transactions – Role of SEBI – Regulation of Stock Exchange.										12		
IV	Commercial	Banks	Role in	n Finan		s: Banks a - IDBI – IFC					12		
V	Funds – Investments Companies. New Modes of Financing: New Modes of Financing – Leasing as Source of Finance – Forms of leasing – Venture Capital – Dimension Functions – Venture Capital in India – Factoring – Types – Modus Operandi of Factoring – Factoring as Source of Finance – Securitization of assets – Mechanics of Securitisation- Utility of Securitization – Securitisation in India												
					T	OTAL					60		

CO	Course Outcomes
CO1	Recall the fundamental concepts of financial markets
CO2	Analyse the markets for corporate securities
CO3	Analyse the significance of secondary markets instruments
CO4	Gain knowledge about banks as financial intermediaries
CO5	Understand about new methods of financing

	Textbooks
1	Essentials of Business Finance - R.M. Sri Vatsava
2	Financial Management - L.Y. Pandey
3	Financial Management - S.C. Kuchhal
	Reference Books
1	Financial Management - M.Y. Khan and Jain
2	Principles of Financial Management - S.N. Maheshwari
3	Financial Management Theory and Practice - Prasanna Chandra
NOT	E: Latest Edition of Textbooks May be Used
	Web Resources
1	https://www.youtube.com/watch?v=28HpCMWfc7k&t=1s
2	https://www.youtube.com/watch?v=UwHk3EK7M3I
3	https://www.youtube.com/watch?v=C0Ktvoh-oFM

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	2	3	2	2	2	2	2	3	2	2
CO2	3	2	2	2	3	2	2	2	3	2	2
CO3	3	2	3	2	3	2	2	2	3	2	2
CO4	3	2	2	2	2	2	2	2	3	2	2
CO5	3	2	3	2	2	2	2	2	3	2	2
TOTAL	15	10	13	10	12	10	10	10	15	10	10
AVERAGE	3	2	2.6	2	2.4	2	2	2	3	2	2

3 - Strong, 2 - Medium, 1- Low



Elective – II: Investment Management

Category		L	T	P	S	Credits	Inst. Hours		Mai	:ks	
							Hours	CIA	CIA Exte		Total
Electi	tive II 4 3 4 20 5.									5	75
					Le	arning Obje	ctives				
LO1	To understar	nd vario	us alte	rnatives	of inv	restment					
LO2	To understar	nd about	classi	fication	of inv	estment mark	xet				
LO3	To perform fundamental analysis before investing										
LO4	To evaluate										
LO5	To understand about optimum portfolio construction and management										
Prere	quisite: Shou	ıld have	studie	ed Com	merce	in XII Std.					
Unit					Co	ontents	45			No. of	f Hours
I	Investment;	Investn	nent ii	n Finai	ncial A	nent Choices Assets; Mone ectives; Inves	ey <mark>marke</mark> t a	and Capital			12
II	Investment Market; List Securities; 1	Market ting of S Mechani	t: Investigation in the securities of	stment l es; Ope Investi	Market eration ng; ma	; Primary and s of India Sto arkets and B	l Secondary ock Market; rokers; Reg	Markets; Ne Cost of Inve	esting in		12
III	over investment market; Role and Guidelines of SEBI Fundamental Analysis: Fundamental Analysis; Valuation Theories of Fixed and Variable Income Securities Risk Analysis in Investment Decision; Systematic and Unsystematic Risk										12
IV	Unsystematic Risk Stock Market Analysis: Stock Market Analysis- Technical Approach; Efficient Market Theory; Weak and Semi-strong form of Efficient Market; Investment decision making under Efficient market Hypothesis										12
V	Portfolio M	Ianager election	nent: Proble	Introdu em, Ma	iction arkowi	to Portfolio tz Portfolio	•		-		12
	-					OTAL					60

CO	Course Outcomes
CO1	Recalling various alternatives of investment
CO2	Comparing the features of various investment markets
CO3	Analysing investments using fundamental analysis
CO4	Applying technical analysis for evaluating investments
CO5	Analysing an optimum portfolio for investment

	Textbooks
1	Alexander, Gordon J. and Sharpe, William F. (1989), "Fundamental of Investments", Prentice Hall Inc., Englewood Cliffs, New Jersey. (Pearson Education)
2	Bhalla, V. K, (2005), "Investment Management Security Analysis and Portfolio Management", 8th Ed, S. Chand, New Delhi.
3	Elton, Edwin, J. and Gruber, Martin, J. (1984), "Modern Portfolio theory and
	Reference Books
1	Fischer, Donald, E. and Jordan, Ronald, J. (1995), "Security Analysis and Portfolio Management", 6th Ed, Pearson Education.
2	Fuller, Russell, J. and Farrell, James, L. (1993), "Modern Investment and Security Analysis", McGraw Hill, New York.
3	A. K. Vashisht, R.K. Gupta, Investment Management and Stock Market, Deep & Deep Publications, 2005
NOTI	E: Latest Edition of Textbooks May be Used
	Web Resources
1	https://intellipaat.com/blog/investment-management/
2	https://www.coursera.org/lecture/understanding-financial-markets/investment-management-in-a-nutshell-part-1-IWNFW
3	https://www.youtube.com/watch?v=ImaQ_MC73hk

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	2	3	2	2	2	2	2	3	2	2
CO2	3	2	2	2	3	2	2	2	3	2	2
CO3	3	2	3	2	3	2	2	2	3	2	2
CO4	3	2	2	2	2	2	2	2	3	2	2
CO5	3	2	3	2	2	2	2	2	3	2	2
TOTAL	15	10	13	10	12	10	10	10	15	10	10
AVERAGE	3	2	2.6	2	2.4	2	2	2	3	2	2

3 - Strong, 2 - Medium, 1- Low



Elective – III: Integrated Marketing communication

	ory	_			a	G 11			Ma	rks		
Category		L	T	P	S	Credits	Inst. Hours	CIA	Exte	External		
Elective	- III	4				3	4	20	5:	5	75	
_]	Learning Ob	jectives					
I O1	To undom	tond	+h - #					action				
LO1	10 unders	tand	the i	oie o	or inte	egrated Mark	eting Communio	cation				
LO2	To enhance	e kr	nowl	edge	in di	fferent mode	ls in communica	tion hiera	rchy			
LO3	To have a	า เเทด	lerst	andir	ıg on	budgeting fo	or promotional p	rogramme	es			
LO4												
	To learn th	ne de	velo	pmei	it of (creative marl	keting communio	cation				
LO5	To examin	ne the	e effe	ective	eness	and control	of promotional p	orogramm	es			
Prerequ	isites: Shou	ıld h	ave	studi	ied C	commerce in	XII					
UNIT						Contents	SE.			No. of		
											rs	
I	An Introduction to Integrated Marketing Communication (IMC): Meaning and role of IMC in the Marketing process, Introduction to IMC tools – Advertising, sales promotion, publicity, public relations, and event sponsorship										12	
II	factors, Co	Understanding communication process: Source, Message and channel factors, Communication response hierarchy - AIDA model, Hierarchy of effect model, Innovation adoption model, information processing model										
III	marcom C	Planning for Marketing Communication (Marcom): Establishing marcom Objectives and Budgeting for Promotional Programmes-Setting communication objectives, Sales as marcom objective, Budgeting for marcom-Factors influencing budget									12	
IV	Developin Planning advertising			12								
V	Measuring Effectiveness and control of Promotional Programmes: Meaning and importance of measuring communication effectiveness, the										12	

	testing process, measuring the effectiveness of other promotional tools and IMC.	ATED, 16.03.2										
	Total	60										
CO	Course Outcomes											
CO1	Explain the role of Integrated Marketing Communication											
CO2	Describe the different types of model in communication hierarchy	Describe the different types of model in communication hierarchy										
CO3	Enumerate the Objectives and Budgeting for Promotional Programmes											
CO4	List out the development in creative marketing communication											
CO5	Outline the effectiveness and control of promotional programmes in IMC											
	Textbooks											
1.	Advertising Management, Jaishri Jethwaney & Shruti Jain, Oxford University Press											
2.	Advertising & Promotions: An IMC perspective, Kruti Shah and Alan D'Son McGraw Hill	uza, Tata										
3.	Advertising & Promotion- An Integrated Marketing Communications Perspersional George Belch, Michael Belch & Keyoor Purani, TATA McGraw Hill	ective,										
	Reference Books											
1.	Jerome M. Juska- Integrated Marketing Communication , Taylor & Francis											
2.	Advertising & Promotions, S H Kazmi and Satish K Batra, Excel											
3.	Advertising & Promotion: An IMC approach, Terence A. Shimp Pub., Ceng	age Learning										
	Web Resources											
1.	https://www.google.co.in/books/edition/Marketing_Communications/paVeB ?hl=e n&gbpv =1&dq=marketing%20communications&pg=PP1&printsec=											
2.	https://www.google.co.in/books/edition/Marketing_Communications/q6deB AQBAJ?hl=en&gbpv=1&dq=marketing%20communications&pg=PA1&priover											

Mapping with Programmes Outcomes & Programmes Specific Outcomes:

Cos						PSOs					
	1	2	3	4	5	6	7	8	1	2	3
CO1	3	2	3	3	2	2	2	2	3	2	2
CO2	3	2	3	3	2	3	2	2	3	2	2
CO3	3	2	3	3	2	2	3	2	3	2	2
CO4	3	2	3	3	2	3	2	2	3	2	2
CO5	3	2	3	3	2	2	3	2	3	2	2
Total	15	10	15	15	10	12	12	10	15	10	10
Average	3	2	3	3	2	2.4	2.4	2	3	2	2

³⁻ Strong, 2- Medium, 1- low.



$\underline{THIRD\ YEAR-SEMESTER-VI}$

Elective – III: Entrepreneurial Development

C	ategory	L	T	P	S	Credits	Inst. Hours	Marks				
					Hours	CIA	Exte	rnal	Total			
Electi	ve III	4				3	4	20	55	5	75	
T 0.1												
LO1	To student s	hould b	e well	versed	in con	cept relating t	to Entreprene	urship.				
LO2	To gain kno	wledge	on Fin	ancial l	Institut	ions which pr	rovides financ	ce and service	ces to the	entrep	reneurs.	
LO3	To know abo	out the i	ncenti	ves and	subsid	dies						
LO4	To aware of	the Star	rt-up P	rocess								
LO5					al pacl	cages for Bus	iness					
Prere	quisite: Shou											
Unit	quisite: Bilou	nu nave	Studie	cu con		ontents	5/3			No. o	f Hours	
						inghou	TO CALL					
I	Concept of Entrepreneurship Concept of entrepreneurship: Definition Nature and characteristics of entrepreneurship – function and type of entrepreneurship phases of EDP. Development of women entrepreneur & rural entrepreneur – including self-							f EDP.		12		
	employment			incil so	cheme.	TRATHIAR UN	TIME ES	<i>y</i>			12	
II	_	proce	ss, Pro	_		cation – sele		product –	project		12	
III	Institutiona	service	e to er	ntrepre	eneur neur –	DIC, SIDO	-	I, SSIC, SI	DCO –		12	
IV	Institutional Institutional	l Finan	ce to E	Entrep reprene	reneur			IC, SIDCS, 1	LIC and		12	
	Incentives a						*				12	
V		tance -	Taxati			ervices – subs SSI role of e	•	-				
					T	OTAL					60	

B.Com. Information Technology Syllabus w.e.f. 2023-24 onwards - Affiliated Colleges - Annexure No.44F SCAA DATED: 18.05.2023

CO	Course Outcomes
~ ~ .	
CO1	Conceptualize the Entrepreneurship.
CO2	Make the students to aware the start-up process.
CO3	Know the institutional service to entrepreneur
CO4	Gain the knowledge on institutional finance to the entrepreneur
CO5	Know about the incentives and subsidies

	Textbooks
	Textbooks
1	Entrepreneurial Development – C.B.Gupta and N.P.Srinivasan
2	Fundamentals of Entrepreneurship and Small Business –Renu Arora &S.KI.Sood
3	Entrepreneurial Development – S.S.Khanka
	Reference Books
1	Entrepreneurial Development – P.Saravanavel
2	Entrepreneurial Development – S.G.Bhanushali
3	Entrepreneurial Development – Dr.N.Ramu
NOT	E: Latest Edition of Textbooks May be Used
	Web Resources
1	https://www.youtube.com/watch?v=hBDQGEwAvJ4
2	https://www.youtube.com/watch?v=vXKoRWAhJVg

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	2	3	2	2	2	2	2	3	2	2
CO2	3	2	2	2	3	2	2	2	3	2	2
CO3	3	2	3	2	3	2	2	2	3	2	2
CO4	3	2	2	2	2	2	2	2	3	2	2
CO5	3	2	3	2	2	2	2	2	3	2	2
TOTAL	15	10	13	10	12	10	10	10	15	10	10
AVERAGE	3	2	2.6	2	2.4	2	2	2	3	2	2

3 - Strong, 2 - Medium, 1- Low



$\underline{THIRD\ YEAR-SEMESTER-VI}$

Elective – III: Project Work

Category		L T		P	S	Credits	Inst. Hours		Marks	
			110011	CIA	External	Total				
Electi	ve III	4				3	4	20	55	75
					Le	 earning Obj	ectives			
LO1	The students	s will ge	t on-th	e-job tı	raining	and experie	nce.			
LO2							ication and so	lutions		
LO3	The students	s will ga	in a co	mplete	know	ledge on the 1	orogram and t	he course or	utcome	
LO4							r data analysi			
LO5	To Understa	and the c	ompili	ng of t	he repo	ort writing				
Prere	quisite: Shou	ıld have	studi	ed Con	nmerc	e in XII Std.				
Unit					C	ontents	546		No. o	of Hours
I	Select the to	opic and	learn t	he liter	ature r	eview (S)	SATILLIO-LIGI.			12
II	Problem identification and will frame tool for collecting data						12			
III	Practical ex	posure o	n the f	ramed	objecti	Coimbalore VC. DESCILLTESTS FOUCATE TO ELE	2 LUT & BL			12
IV	Learn the pr	rocedure	of cor	npiling	the co	llected data b	by using analy	rsis		12
V	Learn the ability of report writing, and will get complete knowledge of the course.							12		
					T	OTAL				60

CO	Course Outcomes
CO1	Explain about how to collect literature
CO2	Implement problem identification and will frame tool for collecting data
CO3	Evaluate and get practical exposure on the framed objective.
CO4	Execute and generate the procedure of compiling the collected data by using analysis
CO5	Summarize and execute report writing, and will get complete knowledge of the course.

	Textbooks
1	C.R. Kothari, "Research Methodology Methods and Techniques", Second Edition, New Delhi: New Age International publisher, 2004
2	Handbook of Research Methodology (A Compendium for Scholars & Researchers), Edu creation Publishing, 2021
3	Dr. B.N. Gupta, Research Methodology, SBPD Publications, 2022
	Reference Books
1	Ranjit Kumar, Research Methodology: A Step-by-Step Guide for Beginners, SAGE Publications, 2014
2	Robert B Burns, Introduction to Research Methods, SAGE Publications
3	R. Panneerselvam, Research Methodology, PHI Learning, PHI Learning, 2014
NOT	E: Latest Edition of Textbooks May be Used DUCATE TO ELEVATE
	Web Resources
1	Nandan Bhattacharya, Rajat Acharyya, Research Methodology for Social Sciences, Routledge, 2020
2	Pagadala Suganda Devi, Research Methodology (A Handbook for Beginners), Notion Press, 2017

MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC OUTCOMES

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3
CO1	3	2	3	2	2	2	2	2	3	2	2
CO2	3	2	2	2	3	2	2	2	3	2	2
CO3	3	2	3	2	3	2	2	2	3	2	2
CO4	3	2	2	2	2	2	2	2	3	2	2
CO5	3	2	3	2	2	2	2	2	3	2	2
TOTAL	15	10	13	10	12	10	10	10	15	10	10
AVERAGE	3	2	2.6	2	2.4	2	2	2	3	2	2

3 - Strong, 2 - Medium, 1- Low



B. Com. Information Technology

Syllabus

AFFILIATED COLLEGES

Program Code: 2AJ

2022 - 2023 onwards



BHARATHIAR UNIVERSITY

(A State University, Accredited with "A" Grade by NAAC, Ranked 13th among Indian Universities by MHRD-NIRF, World Ranking: Times - 801-1000, Shanghai - 901-1000, URAP - 1047)

Coimbatore - 641 046, Tamil Nadu, India

Program	Program Educational Objectives (PEOs)								
	The B.COM IT program describes the accomplishments that graduates are expected to								
attain wit	hin five to seven years after graduation								
PEO1	Students will be able to understand the concepts of Commerce.								
PEO2	Programme aims to develop comprehensive professional skills which are required								
FEO2	for Commerce graduates.								
PEO3	Students will acquire necessary skills to work in computerized accounting regime								
PEO4	Students will be able to get trained in relevant computerized accounting packages								
	Students can do commerce with necessary IT Skills towards research and								
PEO5	consequence of this, they can become Professors in Colleges or become highly								
	valued Industrial Experts in Digital Accounting								



Program	Program Specific Outcomes (PSOs)							
After the	After the successful completion of B.COM IT program, the students are expected to							
	To replicate the concepts, principles and theories in the field of Commerce,							
PSO1	Accounting, Finance, Law and Taxation with necessary IT Skills which promote							
	the growth of their professional career and entrepreneurship.							
PSO2	To infuse skills relating to computerized accounting packages to enable students							
1302	in better career placements.							
	Nurture the students in intellectual, personal, interpersonal and social skills with a							
PSO3	focus on relevant professional career particularly, to maximize professional							
	growth.							
PSO4	Empower the students with necessary IT-based accounting skills forprospective							
1304	employment across many industries.							
PSO5	Strengthen the students to become expert in the field of Information technology							
P305	with ethical consciousness.							



Program	Program Outcomes (POs)							
On succes	On successful completion of the B.COM IT program							
PO1	Develop a broad range of knowledge in the computerized accounting field based							
roi	on various accounting concepts and practices							
PO2	Build a strong foundation in the areas of accounting, banking, tax, programming							
F O 2	and computerized accounting packages							
PO3	Nurture the students in intellectual, personal, interpersonal and societal skills with							
103	a focus on relevant professional career to maximize professional growth.							
	Empower students with necessary programming and computer skills for better							
PO4	and advanced career opportunities aiming with focus on accounting and for all							
	Commercial activities							
PO5	Train and develop students in information technology sector with great							
103	orientation on ethical aspects, security system and quality.							



BHARATHIAR UNIVERSITY:: COIMBATORE 641 046 Bachelor of Commerce (Information Technology) Curriculum (Affiliated Colleges)

(For the students admitted during the academic year 2022 – 23 onwards)

Course	Tr'41 C41 C	C . 1'4	Hours		Ma	I arks	
Code	Title of the Course	Credits	Theory	Practical	CIA	ESE	Total
		FIRST	SEMESTER				
I	Language-I	4	6	-	50	50	100
II	English-I	4	6	-	50	50	100
III	Core I – Principles of Accounting	4	4	-	50	50	100
III	Core II – Information Technology	4	4	-	50	50	100
III	Allied Paper I : Business Mathematics	4	4	-	50	50	100
III	Core III -Computer Applications: MS Office :Practical-I	-	-	4	-	-	-
IV	Environmental Studies #	2	2	-		50	50
	TOTAL	22	26	4	250	300	550
			SEMESTER				
I	Language-II	4	6	-	50	50	100
II	English-II	2	4	- C	25	25	50
III	Core IV— Financial Accounting	4	7	3	50	50	100
III	Core V – Computer Applications: Tally – Practical I	4		4	50	50	100
III	Allied Paper II: Statistics for Business	4	5	7	50	50	100
	Language Proficiency for Employability http://kb.naanmudhalvan.in/Special: Filepath/Cambridge_Course_Detail s.pdf	2	2		25	25	50**
IV	Value Education – Human Rights #	2	2	8	-	50	50
	Total	22	26	4	250	300	550
		THIRD	SEMESTER		<u> </u>	·	
I	Language-III	4	6	-	50	50	100
III	English – III	2	4	-	50	50	100
III	Core VI– Higher Financial Accounting	4	6	-	50	50	100
III	Core VII – Programming with C++	3	5	-	50	50	100
III	Allied: III - Managerial Economics	4	4		50	50	100
IV	Skill based Subject-1 : Marketing Management	2	3	-	30	45	75

137	Tamil @ /Advanced Tamil	1		Ι			
IV							
	# (OR) Non-major						
	Elective-I : Yoga for	2		_			50
	Human Excellence #/	_	2			50	50
	Women's Rights #						
	Constitution of India#						
	Total	21	30	-	280	345	625
		FOURTH	SEMESTER				
I	Language-IV	4	6	-	50	50	100
III	English – IV	4	4	-	50	50	100
III	Core VIII– Corporate Accountings	4	5	-	50	50	100
III	G W G G			-			
	Core IX – Software	3	3			50	100
	Development in VB				50		
777	(Practical)	2	2		50	50	100
III	Core X- Banking Theory Allied: IV - Principles of	3	3	-	50	50	100
III	Management	3	3	-	50	50	100
IV	Skill based Subject-2 :: E-	2	2	-	20	45	75
	Business	_			30		
	Naan Mudhalvan -Office						
	Fundamentals	2	2		25	25	50
	http://kb.naanmudhalvan.in/	A 190.00	XX				
IV	Bharathiar_University_(BU) Tamil/Advanced Tamil(OR)		A STATE OF THE PARTY OF THE PAR				
1 V	Non-major elective -II	2	2			50	50
	:General Awareness #	ME		67	W	d	
	Total	27	30	4	255	420	775
		FIFTH	SEMESTER	/	355	420	115
III	Core XI – Software	4	6	_	50	50	100
111	Engineering		U	1	30	30	100
III	Core XII – Management	4	4	19	50	50	100
111	Accounting	4	4	100	30	30	100
III	Core XIII– Technology	4	5	- (G)	50	50	100
111	Management			31	30	30	100
III	Core XIV – Principles of	4	4	_	50	50	100
	Web Designing	The same	12/416				100
III	Core XV: Computer	-	-	4	-	-	-
	Applications: Web Designing						
	- Practical III						
					= 0	7.0	100
III	Elective –I:	4	4	-	50	50	100
IV	Skill based Subject- 3:	3	3		30	45	75
	Insurance and Risk						
	Management						
	Total	23	26	4	280	295	575
		SIXTH	SEMESTER			•	
III	Core XVI – Management	4	5		50	50	100
	Information System						
III	Core XVII - Java	4	6		50	50	100
I	Programming						

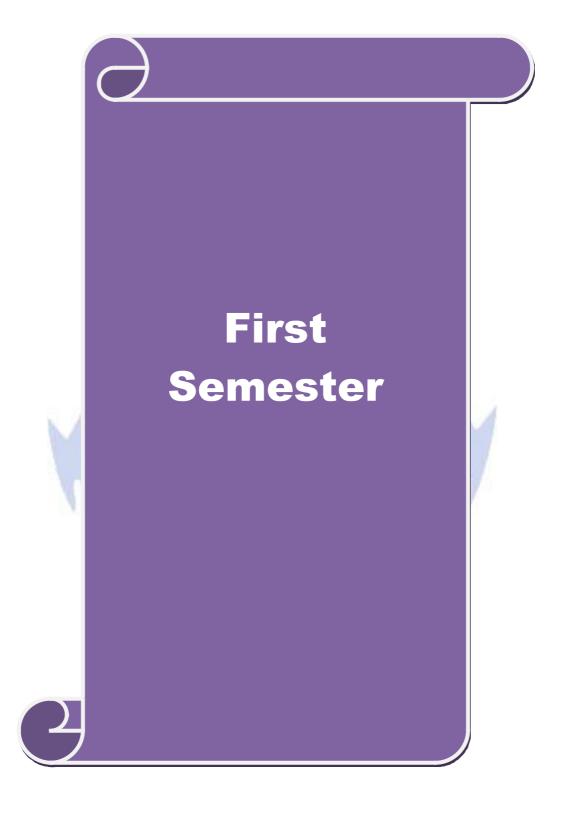
B.Com. Information Technology Syllabus w.e.f. 2022-23 onwards - Affiliated Colleges - Annexure No.44F SCAA DATED: 23.06.2021

	Core XVIII – Computer Applications: JavaScript -						
III	Practical III	4	-	4	50	50	100
III	Elective –II:	3	5		50	50	100
III	Elective –III:	3	5		50	50	100
IV	Skill based Subject- 4: Intellectual Property Rights	3	3		30	45	75
	Naan Mudhalvan- Fintech Course	2	2		25	25	50
	(Capital Markets / Digital						
	Marketing / Operational						
	Logistics)http://kb.naanmudhalva						
	n.in/Bharathiar_University_(BU)						
V	Extension Activities @	2	-		50	-	50
	TOTAL	25	26	4	355	320	675
	GRAND TOTAL	140					3750

Online courses will be implemented from next academic year

- @ No University Examinations. Only Continuous Internal Assessment (CIA)
- # No Continuous Internal Assessment (CIA). Only University Examinations.
- *English II- University semester examination will be conducted for 50 marks (As per existing pattern of Examination) and it will be converted for 25 marks.
- **Naan Mudhalvan Skill courses- external 25 marks will be assessed by Industry and internal will be offered by respective course teacher.

List o	f Elec	etive Papers (Colleges can choose any one of the paper as electives)
Elective – I	A	Cost Accounting
	В	Business Finance
	С	Entrepreneurial Development
Elective – II	A	Financial Management
	В	Financial Markets
	C	Investment Management
Elective - III	A	Income Tax and Law Practice
2	В	Banking Law & Practice
	C	Project Work



Course code		TITLE OF THE COURSE	TITLE OF THE COURSE L T						
Core –I		Principles of Accounting	4	-	4				
Pre-requisite	-requisite Basic knowledge in accountancy Syllabus Version								
Course Objec									
The main obje	ctives of thi	s course are to:							
2. To make3. To learn4. To unders	the students about variou stand about l	s to learn basic Principles of Accountancy. s skillfully to prepare and present the final accounts as types of errors and depreciation inaccounts. bank reconciliation statement and accounting forprore about consignment and joint ventures							
3. To provid	c knowicug	e about consignment and joint ventures		_					
Expected Cou	rse Outcon	nes:							
		etion of the course, student will be able to:							
1 Recall	Accounting	Concepts and Conventions and use Accounting rules in Journal, Ledger and prepare Trial Balance.	es to rec	ord	K	1			
2 Unders	standing the	preparation Subsidiary Journals including Three Co Bank Reconciliation Statement.	olumn Ca	ash	K	2			
		type of expenditure & incomes and reserves and pro	visions.		K	.3			
		conceptual skills to prepare and present the financial nowledge of depreciation.	stateme	nts	K	2			
5 Remem	bering the b	oank reconciliation statement and accounting for pro	fessiona	ls	K	.1			
K1 - Rememb	per; K2 - Ur	<mark>nd</mark> ers <mark>ta</mark> nd; K3 - App ly; K4 - An aly <mark>ze; K5 - Ev</mark> aluate	e; K6 - C	reate	;				
	M	Proposition and the state of							
Unit:1		INTRODUCTION	1	15l	10ur	S			
	ooks – Tria	Keeping – Accounting Concepts and Conventions – I balance– Preparation of bank reconciliation state FINAL ACCOUNTS			ors ai	nd			
	nt of canital	and revenue expenditure – Significance and method	ds of Inv						
		s of sole trader with adjustments			<i></i>				
Unit:3		BILL OF EXCHANGE		10-	-hou	rs			
Bill of exchar	nge- Accom	modation bills – Average due date – Account curren	nt						
Unit:4		CONSIGNMENTS AND JOINT VENTURES		15-	-hou	rs			
		ents and Joint ventures	1		- *-				
Unit:5		ACCOUNTS OF NONPROFIT ORGANISATION	1		-hou	rs			
Accounts of n	onprofit org	ganizations-receipts and payments and income and e	expenditu	ıre					

accounts and	balance sheet; accounts of professionals	
Note: Proble	ms: Theory 80:20	
Unit:6	Contemporary Issues	2 hours
Expert lectur	es, online seminars - webinars	
	Total Lecture hours	60hours
Text Book(s		
1 N.Vinaya	kam, P.L.Mani, K.L.Nagarajan – Principles of Accountancy	
2 T.S.Grew	al – Introduction to Accountancy- S.Chand& Company Ltd.,	
3 R.L.Gupta	a, V.K.Gupta, M.C.Shukla – Financial Accounting – Sultanchan	d& sons
5& T		
Reference B	ooks	
1 K.L.Narai	ng, S.N.Maheswari - Advanced Accountancy-Kalyani publishers	S
2 A.Murthy	-Financial Accounting – Margham Publishers	
3 A.Mukhe	rjee, M.Hanif – Modern Acc <mark>ountancy. V</mark> ol.1- <mark>Tata McGraw Hil</mark> l	Companie
Related Onli	ne Contents [MOOC, SWAYAM, NPTEL, Websites etc.]	
1		
2	2.5	
4		
Course Desig	ned By:	x /

Mapping with	Mapping with programme outcomes								
l k	PO1	PO2	PO3	PO4	PO5				
CO1	S	S	S	S	S				
CO2	S	M	S	S	M				
CO3	S	M	M	S	M				
CO4	S	S	S	S	M				
CO5	S	M	PEATE	M	L				

^{*}S- Strong, M-Medium, L-Low

		S	CAA DA	TED	: 23.	06.2
Course code		TITLE OF THE COURSE	L	T	P	C
Core II		Information Technology	4	-	-	4
Pre-requisite		Basic knowledge in IT	Syllabus Version		202	2-23
Course Object	ives:					
The main object	tives of this	s course are to:				
2. To provide	e insight ab	portance of managing information in the moderner out various forms of computing and applicationdes		t		

- 3. To provide knowledge about various communication technologies
- 4. To introduce various IT based applications among students
- 5. To acquaint students with IT related trends and ethical constraints of information technology

Expected Course Outcomes:

On the successful completion of the course, student will be able to:

1	Understanding the importance of internet-based systems in business organizations	K1
2	Understanding various forms of computing such as mobile computing, grid	K1
	computing etc	
3	Applying various communication technologies at domestic and global level	K3
4	Remembering various emerging trends in IT applications	K2
5	Understanding the ethical issues and implementing security controls and quality	K2
	checks	

K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create

Unit:1 INTRODUCTION 15--hours

Introduction: Managing in Information Age. Evolution of IT Management – Types of Information Systems – Internet Based Business Systems – Value Chain Reconstruction for EBusiness – IT Management Challenges and issues – Critical success Factors for IT Managers.

Unit:2 HARDWARE, SOFTWARE AND COMMUNICATION 10--hours

Hardware Software And Communication: Computing Hierarchy – Input – Output Technologies – Hardware Issues – System Architecture – Operating Systems – Network Operating Systems – Grid Computing – Mobile Computing – Ubiquitous Computing – Application Programming – Managing Application Development – Data Resources – Managing Data Resources – Problem of Change and Recovery.

Unit:3 COMMUNICATION TECHNOLOY 10--hours

Communication Technology: Communication Technology – WWW – Intranets – Extranets – Voice Networks Data Communication Networks – Last Mile – Wireless System – Web Hosting – Application Service Providers.

Unit:4 INFORMATION TECHNOLOGY 15--hours

IT Applications: Enterprise Resource Planning – Enterprise System – Expert System – Decision SupportSystem–NeuralNetworks–ExecutiveInformationSystem–CustomerRelationship ManagementSystem–SupplyChainManagementSystems–KnowledgeManagement–Data

Warehousing – Data Mining – Virtual Reality – E-Business and Alternatives. E-Business Expectations and Customer Satisfaction. Unit:5 IT MANAGEMENT 8--hours IT Management: IT Strategy Statements - Planning Models for IT Managers Legislation and Industry Trends. Independent Operations - Headquarters Driver - Intellectual Synergy -Integrated Global IT – IT investment – Estimating Returns – IT Value Equation – Pricing Frame work – Hardware and Software Buying – Factors of IT Management – Implementation Control - Security - Quality - Ethical Issues - Chief Information Officer. Unit:6 **Contemporary Issues** 2 hours Expert lectures, online seminars - webinars **Total Lecture hours** 60--hours Text Book(s) Garroll W. FrenzelJohne. Frenzel, Management of Information Technology, Thomson Course Technology, Boston, 2004. 2. Henry C. Lucas. Jr, Information Technology – Strategic Decision Making for Managers, John Wiley & Sons (Asia) Pvt. Ltd., Singapore, 2005. Reference Books Efraim Turban, R. Kelly Rainer Jr, Richard E. Potter, Introduction to Information Technology, John Wiley & Sons, (Asia) Pvt. Ltd. Singapore, 2004. Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.] 1 2 4 Course Designed By:

Mapping wit	Mapping withProgram outcomes							
	PO1	PO2	PO3	PO4	PO5			
CO1	S	S	M	S	S			
CO2	S	M	S	S	M			
CO3	S	S	S	M	S			
CO4	S	S	M	M	S			
CO5	S	S	S	S	S			

^{*}S- Strong, M-Medium, L-Low

Course code	TITLEOFTHECOURSE	L	T	P	C
ALLIEDPAPERI	BUSINESSMATHEMATICS	4	-	-	- 4
Pre-requisite	Basics Knowledge On	SyllabusVer	sion	2022	
	BusinessMathematics			23	
Course Objectives:					
Themainobjectivesoft					
	ndandapplybasicsofapplicationsofmathematicsinbustudentstobereadyforcalculatingvariousinterestrate				
	ninsightknowledgeaboutDerivatives	3			
	students to				
	orsolvingbusinessproblemsusingmathematicalopera	ations.			
	helinearprogrammingproblembyusinggraphicalsol				
ExpectedCourseOuto	comes:				
_	pletionofthecourse,studentwillbeableto:				
	financialfunctions of business mathematics			K2	
2 Knowthecalcul	lationofinteres <mark>trates.</mark>]	K1	
3 AwareofDeriva	ativemarketsanditscalculation.			K2	
	conceptsofadditionandmultiplicationanalysis.			K2	
	earprogrammingproblembyusinggraphical]	K4	
solution					
K1 - Remember; K2	- Und <mark>erstand</mark> ; K3 - Apply; K4 - Analyze <mark>; K5 - Ev</mark>	<mark>alu</mark> ate; K6 –Cre	ate		
Unit:1	PROFITAND LOSS		1	4hou	rs
10. /	ce,SellingPrice,Markedprice,Loss,Tradediscountar	dCash		11104	
	Brokerage, Problems on the set opics	id Casii			
II24.2	INCREDEGE DA GEG	.0	151.		
Unit:2	INTEREST RATES			ours	
	resentvalue, Simple 12 Interest, Compoundinter			end	of
period, Equated Mor	nthly Installment (EMI) by reducing and flat i	nterestsystem	,proble	ems	
Unit:3	DERIVATIVES		15ho	urs	
Bond Valuation-Sha	ares-Concept of share, Stock Exchange, Fac	e value Mar	ket		
	quity shares, Preferencial shares, Bonus sha	•			
Unit:4	MATRIX	les, Example	<u>14hou</u>	rs	
	erminants - Definition of a Matrix, Ty	nes of Matr			
	-	-		_	,
,	Adjointmethod.Solutionofasystemoflinearequ	auonsnavingu	inques	Olut	
ion andinvolvingnot	morethanthreevariablesproblems				
Unit:5	LINEARPROGRAMMINGPROBLE	M	14hou	rs	
Linear Programming	g Problems - Graph of 10 linear equation, Gra				
	ulationofLPP,SolutionbyGraphicalmethod,Prob	-	otwo		
variables					
TT *4 /					
Unit:6	CONTEMPORARYISSUES lineseminars—webinars		3hou	ırs	

		Total Lecture hours	75hours
Text	tBook(s)		
1	Navanith	am,P.A,"BusinessMathematics&Statistics"JaiPublishers,Tri	ichy-21
2	Sundares	anandJayaseelan,"IntroductiontoBusinessMathematics",Sultar	nchandCo&
	Ltd,New	delhi	
3	Sanchetti	D.CandKapoor,V.K,"BusinessMathematics",Sultanchand \mathbb{C}_0 &	Ltd.Newdelh
		1 , , ,	
Refe	erenceBoo		
1	G.K.Ra	nganath, C.S.Sampamgiram&Y.Rajan-A Text book	
		sMathematics-	
	Himalay	yaPublishingHouse.	
Dala	otodOnlin	eContents[MOOC,SWAYAM,NPTEL,Websitesetc.]	,
1			3
1		www.youtube.com/watch?v=qO1SYFZVmhY	2 1 1 1 1
2		www.youtube.com/watch?v=LadYhkiVC7Q&list=PLRYPMG3	3pkUJuucx
		.C-Lj3PmzVmKCD	
3		vww.youtube.c <mark>om/watch?v=qO1SYFZVmhY</mark> &list	
	=PLX2g	gX-ftPVXU <mark>Yjs2g3Yia</mark> Y0sEfwW-jg5L	
		a less of	
Cou	rse Design	ned By:	

Mapping withProgram outcomes							
1	PO1	PO2	PO3	PO4	PO5		
CO1	S	S	S	S	M		
CO2	S	S	S	M	S		
CO3	S	M	S	S	S		
CO4	S	S	S	M	S		
CO5	S	M	S	S	S		

^{*}S- Strong, M-Medium, L-Low

Cou	rse code		TITLE OF THE COURSE	L	T	P	C		
Core	IV		Computer Applications: MS OFFICE PRACTICAL I	-	4	4			
Pre	-requisite	:	Basic knowledgein Computer	Syllabus Version			2-23		
Course Objectives:									
The 1	main objec	ctives of thi	s course are to:						
1.	To familia	rize with w	orking inMS-WORD						
			orking inMS-EXCEL						
3.	To unders	tand the wo	rking in MS-POWERPOINT						
Expe	ected Cou	rse Outcon	nes:						
On	the succes	sful comple	tion of the course, student will be able to:						
1	1 Recall various techniques of working in MS-WORD K1						.1		
2	Creating	g appropriat	e personal bio d <mark>ata</mark>			K	6		
3	Analyzing financial data using EXCEL tools K3								
4	Understanding various tools used in MS-EXCEL K2								
5	5 Creating presentations for seminars and lectures using animations K6						.6		
K1	- Rememb	oer; K2 - U1	nde <mark>rstand; K3 - Apply; K4 - A<mark>naly</mark>ze; <mark>K5</mark> - Evaluate</mark>	e; K6 - C	reate				
Uni	Unit:1 MS-WORD 20hours						3		

- 1. Type Chairman's speech/ Auditor's report / Minutes/ Agenda and perform the following operations: Bold, Underline, Font Size, style, Background color, Text color, Line spacing, Spell Check, Alignment, Header & Footer, inserting pages and page numbers, Find and Replace.
- 2. Prepare an invitation for the college function using Text boxes and clipparts.
- 3. Design an invoice and Account sales by using Drawing tool bar, Clip Art, Word Art, Symbols, Borders and Shading.
- 4. Prepare a Class Time Table and perform the following operations: Inserting the table, Data Entry, Alignment of Rows and Columns, Inserting and Deleting the Rows and Columns and Change of TableFormat.
- 5. Prepare a Shareholders meeting letter for 10 members using mail mergeoperation.
- 6. Prepare Bio-Data by using Wizard/Templates.

Unit:2 MS-EXCEL 20--hours

- 1. Prepare a mark list of your class (minimum of 5 subjects) and perform the following operations: Data Entry, Total, Average, Result and Ranking by using arithmetic and logical functions and sorting.
- 2. Prepare Final Accounts (Trading, Profit & Loss Account and Business Sheet) by using formula.
- 3. Draw the different type of charts (Line, Pie, Bar) to illustrate year-wise performance of sales, purchase, profit of a company by using chartwizard.
- 4. PrepareastatementofBankcustomer'saccountshowingsimpleandcompoundinterest

calculations for 10 different customers using mathematical and logical functions.

5. Prepare a Product Life Cycle which should contain the following stages: Introduction, Growth, Maturity, Saturation, and Decline.

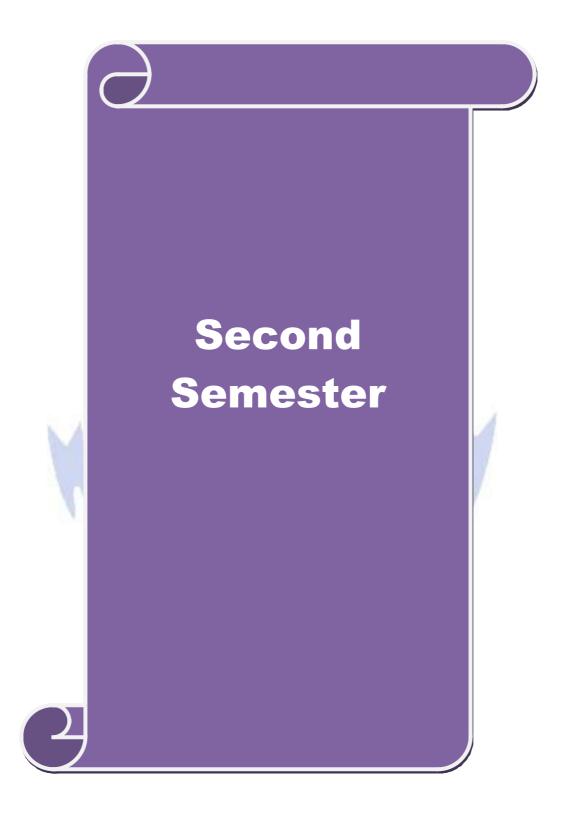
Unit:3 MS POWERPOINT 20--hours

- 1. Design presentation slides for a product of your choice. The slides must include name, brand name, type of product, characteristics, special features, price, special offer etc. Add voice if possible to explain the features of the product. The presentation should work in manualmode.
- 2. Design presentation slides for organization details for 5 levels of hierarchy of a company by using organization chart.
- 3. Design slides for the headlines News of a popular TV Channel. The Presentation Should contain the following transactions: Top down, Bottom up, Zoom in and Zoom out The presentation should work in custommode.
- 4. Design presentation slides about an organization and perform frame movement by interesting clip arts to illustrate running of an imageautomatically.
- 6. Design presentation slides for the Seminar/Lecture Presentation using animation

	Total Lecture hours	60hours
Related Online Contents [MOOC, SWAYAM,	NPTEL, Websites etc.]	
1 https://www.youtube.com/watch?v=YHSLkN	<u>IzLuqc</u>	
2https://www.youtube.com/watch?v=RdTozKPY	OQ	
3https://www.youtube.com/watch?v=x5wYAJ3qz	C0	
	And St.	
Course Designed By:	A A	A

Mapping with program <mark>me outcomes</mark>							
A.	PO1	PO2	PO3	PO4	PO5		
CO1	S	S	S	S	M		
CO2	S	S	S	S	M		
CO3	S	S	S	S	M		
CO4	S	S	S	S	M		
CO5	S	S	S	S	M		

^{*}S- Strong, M-Medium, L-Low



Course code		TITLE OF THE COURSE	L	T	P	C
Core III		Financial Accounting	4	-	-	4
Pre-requisite		Basic knowledgein accounting	Sylla Vers		2022	2-23
Course Object						
The main object	ctives of thi	s course are to:				
 To provide To offer an To promot 	e understand n idea abou e knowledg	ethods of calculating and recordingdepreciation ding about royalties and investmentaccounts t single entry system ofaccounts ge about department and branchaccounting	,•			
5. To facilita	te knowled	ge about hire purchase and installment system ofaccou	nting			
Expected Cour	rse Outcon	nes.				
		etion of the course, student will be able to:				
	-	as methods of depreciation accounting in the books of	accou	nts	K	1
		various techniques of royalties and investment account			K	
		e entry method of account keeping			K	
		the accounting practices of departments and branches			K	
		s of accounts relating to Hire purchase and installment	syste	m	K	2
		nderstand; K3 - Apply; K4 - Analyze; K5 - Evaluate; l				
	01, 112	indistante, 120 Tippiy, 121 Timury 20, 120 Estatuate, 1		Toute		
Unit:1	- 12	DEPRECIATION	A	23—	hour	'S
Accounting for providing depre	Depreciati eciation- Re	on –need for and significance of depreciation, method eserves and Provision.	s of			
Unit:2	1/8	SELF-BALANCING LEDGERS AND INVESTMENT ACCOUNTS		20—	hour	'S
Self-Balancing accounts	g Ledgers-r	neaning and advantages-Accounting aspects-transfers-	invest	ment		
Unit:3		SINGLE ENTRY SYSTEM		20—	hom	re
		ning and features-Statement of affairs method and Cor				
Single Lift y 5	j stem mea	and reaction batterion of artains method and con	. 1 01 310	,11 111C	uiou	
Unit:4	Unit:4 DEPARTMENTAL AND BRANCH ACCOUNTS 20—ho					
Departmental	accounts –	transfers at cost or selling price –Branch excluding for	reign t	orancl	hes	
Unit:5		HIRE PURCHASE AND INSTALMENT SYSTEMS		20—	houi	's
Hire purchase sale or Return		nent systems including Hire Purchasing Trading account	nt- Go	oods	on	
Unit:6		Contemporary Issues		2	hou	rs
Expert lectures,	online se	minars - webinars				

	Total Lecture hours	105—hours
Text Book(s)	<u>'</u>	
1 Advanced	Accountancy - R.L.Gupta&M.Radhasamy	
2 Advanced	Accountancy - S.P.Jain&K.L.Narang	
Reference B	ooks	
1 Advanced	Accountancy - M.C.Shukla&T.S.Grewal	
2 Finanacia	Accounting - T.S.Reddy&A.Murthy	
1		
Related Onli	ne Contents [MOOC, SWAYAM, NPTEL, Websites etc.]	
1		
2		
4		
Course Desig	ned By:	

	PO1	PO2	PO3	PO4	PO5
CO1	S	S	S	S	S
CO2	S	M	S	S	M
CO3	S	M	M	S	M
CO4	S	S	S	S	M
CO5	S	M	L /	M	L

^{*}S- Strong, M-Medium, L-Low

Cou	rse code		TITLE OF THE COURSE	L	Т	P	C	
Core	e-IV		Computer Applications: Tally - Practical I - 4					
Pre			Sylla Versi		202	2-23		
Cou	Course Objectives:							
The	main objec	ctives of thi	s course are to:					
1.	To provide	e practical l	knowledge in working with MS-ACCESS					
		-	sics of working in Tally accountingpackage					
3.	To provide	e insights a	bout the usefulness of internet in businesspurpose					
Expe	ected Cou	rse Outcon	nes:					
On	the succes	sful comple	tion of the course, student will be able to:					
1	Underst	anding the	basics of working in MS-ACCESS using various tools			K	2	
2	Remem	bering the f	ormat personal bio data using MS ACCESS tools			K	1	
3	3 Understanding the usage of computerized packages for business transactions K2							
4	4 Applying the techniques of inventory management using Computer packages K3							
5	5 Understanding the usage of internet for business purposes and communications K2						2	
K1	- Rememb	er; K2 - Uı	nde <mark>rstand; K3 - Apply; K4 - Anal<mark>yze; K5 -</mark> Evaluate; l</mark>	X6 - C	Create	·		
				62				
Uni	Unit:1 MS-ACCESS 30hours							

- 1. Prepare a payroll for employee database of an organization with the following Details: Employee id, Employee name, Date of Birth, Department and Designation, Date of appointment, Basic pay, Dearness Allowance, House Rent Allowance and other deductions if any. Perform queries for different categories.
- 2. Create mailing labels for student database which should include at least three Table must have at least two fields with the following details: Roll Number, Name, Course, Year, College Name, University, Address, PhoneNumber.
- 3. Gather price, quantity and other descriptions for five products and enter in the Access table and create an invoice in form designview.
- 4. Create forms for the simple tableASSETS.
- 5. Create report for the PRODUCTdatabase.

Unit:2 TALLY 30--hours

- 1. Create a new company, group, voucher and ledger and record minimum 10 transactions and display the relevantresults.
- 2. Prepare trial balance, Profit and Loss A/c and Balance Sheet (with minimum of any five adjustments).
- 3. Prepare inventory statement using (Calculate inventory by using all methods) a) FIFO
- b) LIFO c) Simple Average Method d) Weighted AverageMethod
- 4. Create an e-mail id and check the mailinbox.
- 5. Learn how to use search engines and visit yahoo com, rediff.com, hotmail.com and google.com
- 6. Visit your University and college websites and collect the relevantdata

		Total Lecture hours	60—hours			
Rela	ted Online Con	tents [MOOC, SWAYAM, NPTEL, Websites etc.]				
1	https://www.you	tube.com/watch?v=BUE-XJEHp7g				
2	2 https://www.youtube.com/watch?v=0s4mKbkYJPU&t=1s					
3	https://www.you	tube.com/watch?v=Dxcc6ycZ73M				

Mapping with Programme outcomes							
	PO1	PO2	PO3	PO4	PO5		
CO1	S	S	S	S	M		
CO2	S	S	S	S	M		
CO3	S	S	S	S	M		
CO4	S	S	S	S	M		
CO5	S	S	S	S	M		

^{*}S- Strong, M-Medium, L-Low

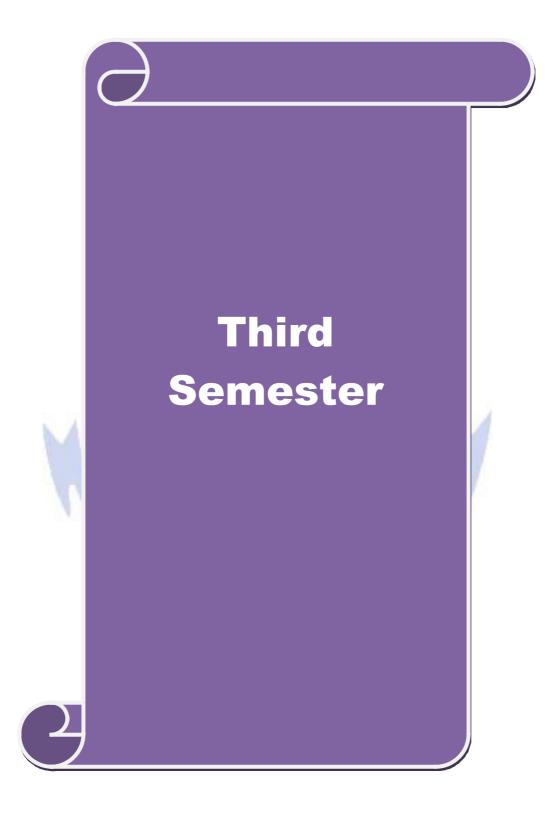


_	1	TITLE OF THE COURSE	L	T	P	C
code						
ALLIED II		BUSINESS STATISTICS	4			4
Pre-requisite			Syllabus		S	202
•		Basic Knowledge of Statistics	Ve	rsion	1	22
Course Object		1				
		s course are to:				
> To enrich	ı the kno	wledge in statistics and to solve the statistica	ıl			
		iSOf businessproblems.				
> To be fami	liar with o	data collection, graphical presentation and classifica	ıtio	n of	table	es.
> To inculcate	e the know	ledge of relationship between measures of variation and	val	luede	eviati	ion.
Expected Cou						
On the successi	ful complet	ion of the course, student will be able to:				
1 Produce	appropriat	e graphical and numerical descriptive statistics for differen	ıt		K1	
types of	data.					
2 Apply st	tatistical co	oncepts to analyze the business problems.			K2	
3 Explain	the concep	ts of average and range of data collection.			K2	
4 Examin	e the relati	onship between the variations.			K4	
5 Examine	e the Corre	lation and Regression.			K2	
1 - Remembe	r: K2 - Uno	derst <mark>and; K3</mark> - Apply; K4 - Analy <mark>ze; K5 - Ev</mark> aluate; K6 - 0	Cre	ate		
JNIT –I					-1	2
	cription of	Sampling Procedures only)				
JNIT – II		Traffic Villa -	V			
		Carlotte Comment			s – 1	2
	The second second	presentation of Raw data, Attributes, Variables, Classific ive curves, Diagrams - Bar and Sub divided diagram, Pic	cati	on,	s – 1	2
requency cur	The second second		cati e ch	on, ıart.		
requency cur	The second second		cati e ch	on, ıart.	$\frac{s-1}{s-1}$	
UNIT – III Measures of Ce	ve and Ogi		cati e ch	on, iart. Iour		
JNIT – III Measures of Ce Geometric Mea	ve and Ogi	ency – Different methods of calculation of Mean, Median, I	e ch	on, nart. Hour de,		2
UNIT – III Measures of Ce Geometric Mea UNIT - IV Measures of D	entral tende an and Harr ispersion -	ency – Different methods of calculation of Mean, Median, I	Example 2 of the control of the cont	on, nart. Hour de,	$\frac{s-1}{s-1}$	2

Ref	erence Books
1	Statistical Methods - S. P. Gupta
2	Fundamentals of Statistics - S. C. Gupta and V. K. Kapoor.
3	Statistics (Theory Methods and Applications) - Sancheti and Kapoor.
4	Quantitive Techniques in Business - Dr. A. B. Rao
Rela	ated Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]
1	
2	
4	
Cou	rse Designed By:

M	apping with Pr	ogramme outc	omes		
COs	PO1	PO2	PO3	PO4	PO5
CO1	S	S	S	S	M
CO3	S	S	S	M	S
CO3	S	M	S	S	S
CO4	S	S	S	M	S
CO5	S	M	S	S	S

^{*}S- Strong, M-Medium, L-Low



Course code		TITLE OF THE COURSE	L	T	P	\mathbf{C}
Core VI		Higher Financial Accounting	6	-	-	4
Pre-requisite		Basic knowledge in accounting	Sylla Vers		2022	2-23
Course Object						
The main object	ctives of thi	s course are to:				
		out maintaining partnership accounts				
		nding about the insolvency regime				
		ng about insurance claim settlement				
		ge about royalties and voyage accounts				
5. To promot	te knowledg	ge about insolvency accounts				
Expected Cou	rse Outcon	mes.				
		etion of the course, student will be able to:				
		cedures for maintaining partnership accounts			K	2
		pooks of accounts at the time of insolvency			K	
		insurance settlement and claim procedures			K	
-		edures for royalty and voyage accounts			K	
11.	0 1	oncepts of insolvency accounts of individuals and firm	S		K	
		nderstand; K3 - Apply; K4 - Analyze; K5 - Evaluate; l		¹ranta		
KI - Kememo	C1, IX2 - O1	inderstand, KS - Appry, K4 - Anaryze, KS - Evaluate, I	IXU - C	ıcaıc		
Unit:1	1.77	ADMISSION AND RETIREMENT OF PARTNER	1	18—	hour	'S
		Division of fixed and fluctuating capitals – past adjustred a retirements – death of partner.	nents-	guara	ntee	
or profits ad	10 10 10		7			
_	118	INSOLVENCY OF PARTNER	7	18	hom	•s
Unit:2	partner – R	INSOLVENCY OF PARTNER Rule in garner Vs Murray – piecemeal distribution		18—	hour	`S
Unit:2	partner – R	INSOLVENCY OF PARTNER Rule in garner Vs Murray – piecemeal distribution		18—	hour	`S
Unit:2				18—		
Unit:2 Insolvency of Unit:3		Rule in garner Vs Murray – piecemeal distribution				
Unit:2 Insolvency of Unit:3 Insurance clai	ms – claims	Rule in garner Vs Murray – piecemeal distribution INSURANCE CLAIMS s for loss of stock and loss of profits.		18—	houi	`S
Unit:2 Insolvency of Unit:3 Insurance clai Unit:4	l ms – claims	Rule in garner Vs Murray – piecemeal distribution INSURANCE CLAIMS s for loss of stock and loss of profits. ROYALTIES AND VOYAGE ACCOUNTS			houi	`S
Unit:2 Insolvency of Unit:3 Insurance clai	l ms – claims	Rule in garner Vs Murray – piecemeal distribution INSURANCE CLAIMS s for loss of stock and loss of profits. ROYALTIES AND VOYAGE ACCOUNTS		18—	houi	`S
Unit:2 Insolvency of Unit:3 Insurance clai Unit:4	ms – claims l yage accou	Rule in garner Vs Murray – piecemeal distribution INSURANCE CLAIMS s for loss of stock and loss of profits. ROYALTIES AND VOYAGE ACCOUNTS		18—	houi	's
Unit:2 Insolvency of Unit:3 Insurance clai Unit:4 Royalties -Vo	ms – claims l yage accou	INSURANCE CLAIMS s for loss of stock and loss of profits. ROYALTIES AND VOYAGE ACCOUNTS nts	cy of i	18—	houi	's
Unit:2 Insolvency of Unit:3 Insurance clai Unit:4 Royalties -Vo Unit:5 Insolvency Ac	ms – claims l yage accou	Rule in garner Vs Murray – piecemeal distribution INSURANCE CLAIMS s for loss of stock and loss of profits. ROYALTIES AND VOYAGE ACCOUNTS INSOLVENCY ACCOUNTS	cy of i	18— 16— ndivi	houi	rs rs

		Total Lecture hours	90hours
Te	ext Book(s)		
1	S.P. Jain &	k K.L. Narang, "Advanced Accounting", Kalyani Publications,	NewDelhi.
2	Reddy & N	Jurthy, "Financial Accounting", MarghamPublicatuions, Cheni	nai, 2004.
3		Arulanandam, Dr. K.S. Raman, "Advanced Accountancy Part-In, New Delhi.	", Himalaya
Re	eference Bo	oks	
1		. &RadhaswamyM.,"Corporate Accounts ", Theory Method and dition 2006, Sultan Chand & Co., New Delhi.	d Application - 13th
2	Shukla M. NewDelhi	C., Grewal T.S. & Gupta S.L., "Advanced Accountancy", S. Cl	nand & Co.,
Re	elated Onli	ne Contents [MOOC, SWAYAM, NPTEL, Websites etc.]	
1			
2			
Co	ourse Design	ned By:	

Mapping with	program <mark>me</mark>	outcomes		N. Common	
	PO1	PO2	PO3	PO4	PO5
CO1	S	S	S	S	M
CO2	S	S	M	S	L
CO3	S	S	S	S	M
CO4	S	M	M	S	M
CO5	S	S	M	S	M

^{*}S- Strong, M-Medium, L-Low

Course code		TITLE OF THE COURSE	L	T	P	C
Core VII		Programming with C++	5	-	-	3
Pre-requisite		Basic knowledge in programming	Sylla Vers		2022	 2-23
Course Object			•			
The main object	tives of this	s course are to:				
 To introdu To provide To provide 	ce basic co knowledge insights at	object-oriented languages and their applications neepts of C++language e about various conversions oout various inheritance system files and exception handling				
Expected Cour						
		tion of the course, student will be able to:				
1 Recalling	g various c	oncepts relating to languages and applications			K	.1
2 Understa	anding vari	ous concepts of C++ languages			K	2
3 Applying	g various co	onve <mark>rsions</mark>			K	3
4 Analyzing	g different	typ <mark>es of inher</mark> itance system			K	4
5 Understa	anding wor	king bout files and exception handling			K	2
K1 - Remembe	er; K2 - Ur	n <mark>derstan</mark> d; K3 - Apply; K4 - A <mark>nalyz</mark> e; <mark>K5 - Eva</mark> luato	e; K6 - (Create	;	
Unit:1		INTRODUCTION TO C++	6.4	15l		
Object oriented Oriented Lang		ing: Software Evolution – OOP paradigm – Concep Applications	ts, benef	fits, C	bject	t ———
Unit:2	1	APPLICATION OF C++	77	151	m	<u> </u>
	the Racio c	oncepts of C++ language – Tokens, Keywords, Iden	atifiers			
variables, manij	pulators – I	Expression and control structures – Functions: main all by Reference – Function overloading – friend and	functio	ns –		,
Unit:3	(CONSTRUCTIONS AND OVERLOADING		151	our	s
Classes and ob	oject – Cons	structors and Destructors – Operator overloading –	Гуре сог	nversi	ons	
Unit:4]	NHERITANCE		151	nour	s
		ritance – Multiple Inheritance – Hierarchical, Hybri – virtual functions – console I/O operations.	d Inheri	tance	_	
Unit:5	F	FILE OPERATIONS IN C++		131	nour	<u>s</u>
fileDetection -	- File poi	stream Operations – opening, closing and proces nters – Updating a file – Error Handling during s – Templates – Exception Handling.				

U	nit:6	Contemporary Issues	2 hours
Ex	pert lecture	s, online seminars - webinars	
		Total Lecture hours	75hours
Te	ext Book(s)		
1	"Object or	iented Programming in C++" – Robert Lafore, Galgotia, 1994	
2	C++ -The	Complete Reference: Herbert Schilt,3rd Edition, Tata McGraw	Hill, Pub–Ltd, 1999
3			
Ī-			
Re	eference Bo	oks	
1	"Let us C+	+" - YeswantKanetkar - BPB Publications, 1999	
2	Programm	ing with C++ - John R.Hubbard – Schaum's outline series, 1990	6
Re	elated Onli	ne Contents [MOOC, SWAYAM, NPTEL, Websites etc.]	
1	https://cp	pinstitute.org/free-c- <mark>an</mark> d-c-	
	-	<u>clid=EAIaIQob<mark>ChMI8MHN3bn56wIVBwRgCh3EeQ</mark>aYEAAYA</u>	SAAEgKRVPD_
	<u>BwE</u>		
2	https://be	ginnersbook.com/2017/08/c-plus-plus-tutorial-for-beginners/	

Cos	PO1	PO2	PO3	PO4	PO5
CO1	S	S	S	M	S
CO2	M	S	S	S	M
CO3	S	M	M	S	S
CO4	S	S	S	M	S
CO5	S	M	S	S	M

ALLIED PAPER III MANAGERIAL ECONOMICS 4 4 Pre-requisite Basic knowledge on Managerial Economics Syllabus Version 2022-23	Course code		TITLE OF THE COURSE	L	Т	P	C
Pro_requisite Resir knowledge on Managerial Reanomies " 7077-73	ALLIED PAI	PER III	MANAGERIAL ECONOMICS	4	-	-	4
	Pre-requi	site	Basic knowledge on Managerial Economics			202	2-23

Course Objectives:

The main objectives of this course are to:

- 1. Impart the knowledge of students on economics and its theories.
- 2. Understand the different types of markets in the current scenario.
- 3. Make the students to understand the demand analysis for the different types of products.
- 4. Analyze the markets for achieving business enterprise goal.
- 5. Analyze the causes and consequences of different market conditions.

	ected Course Outcomes:	
On	the successful completion of the course, student will be able to:	
1	Familiarize the students with the basic concept of managerial economics	K2
2	Make student understand the demand and supply analysis in business applications	K2
3	Apply marginal analysis to the firm under different market conditions.	К3
4	Analyze the causes and consequences of different market conditions.	K4
5	Familiarize the students with the basic concept of managerial economics	K2
K1	- Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6	- Create
Uni	it:1 MANAGERIAL ECONOMICS	151
Maı	nagerial Economics – Meaning and Definition – Nature and Scope – Economic	c Theory –
Maı Div Uni Den Pric	nagerial Economics – Meaning and Definition – Nature and Scope – Economicisions – Goals of a firm	c Theory –
Mai Div Uni Den Pric Den	nagerial Economics – Meaning and Definition – Nature and Scope – Economicisions – Goals of a firm It:2 DEMAND ANALYSIS mand Analysis – Meaning, Determinants of Demand – Law of Demand, Elastice, Incomeand Cross Demand – Demand Estimation and Demand Forecasting – mand Distinctions.	c Theory – 15 hours city of Demand
Uni Den Pric Den Uni Proc	nagerial Economics – Meaning and Definition – Nature and Scope – Economicisions – Goals of a firm It:2 DEMAND ANALYSIS mand Analysis – Meaning, Determinants of Demand – Law of Demand, Elastice, Incomeand Cross Demand – Demand Estimation and Demand Forecasting – mand Distinctions.	15 hours city of Demand
Man Div Uni Den Pric Den Uni Prod	nagerial Economics – Meaning and Definition – Nature and Scope – Economicisions – Goals of a firm It:2 DEMAND ANALYSIS mand Analysis – Meaning, Determinants of Demand – Law of Demand, Elastice, Incomeand Cross Demand – Demand Estimation and Demand Forecasting—mand Distinctions. It:3 PRODUCTION FUNCTION duction Function – Meaning and Definition – Elasticity of Substitution and Prope of cost of Production – Long run and Short run cost.	15 hours city of Demand
Mai Div Uni Den Pric Den Uni Proo Typ	nagerial Economics – Meaning and Definition – Nature and Scope – Economicisions – Goals of a firm It:2 DEMAND ANALYSIS mand Analysis – Meaning, Determinants of Demand – Law of Demand, Elastice, Incomeand Cross Demand – Demand Estimation and Demand Forecasting—mand Distinctions. It:3 PRODUCTION FUNCTION duction Function – Meaning and Definition – Elasticity of Substitution and Prope of cost of Production – Long run and Short run cost.	15 hours city of Demand 15 hours oduction –

Unit:6	CONTEMPORARY ISSUES	2 hours
Expert lectures,	online seminars – webinars	
	Total Lecture hours	75 hours
Text Book(s)	·	
1 R.L.Varsh	ney and K.L. MaheshwariManagerial Economics Sulthan C	Chand and Sons
2 Alak Gosh	and BiswanathGoshManagerialEconomics Kalyani Publi	cations
Reference Bo	ooks	
1 D.Gopala	akrishnaManagerialEconomics Himalaya PublishingHouse	
2 S.Sankar	anManagerialEconomics Margham Publications	
500		
	ne Contents [MOOC, SWAYAM, NPTEL, Websites etc.]	
_	ww.youtube.com/watch?v=ycyMktNFZ88&list=PLPjSqITyvDeV840	<u>Qiruw4xVWGQ</u>
PTctrlhg		
2 https://w	ww.youtube.com/watch?v=Q8RaIfn4-Cw	
3 https://w	ww.youtube.com/watch?v=n47SQ64MhYw&list=PLJumA3phskF	PFwp2XXInxCWp
v28nPM		
	A SE LEV	
Course Desig		
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	M	apping <mark>with</mark> Prog	gra <mark>mme Out</mark> com	nes	
COs	PO1	PO2	PO3	PO4	PO5
CO1	S	S	S	M	M
CO2	M	M	S	S	M
CO3	S	S	S	S	S
CO4	S	M	M	M	S
CO5	S	M	S	S	S

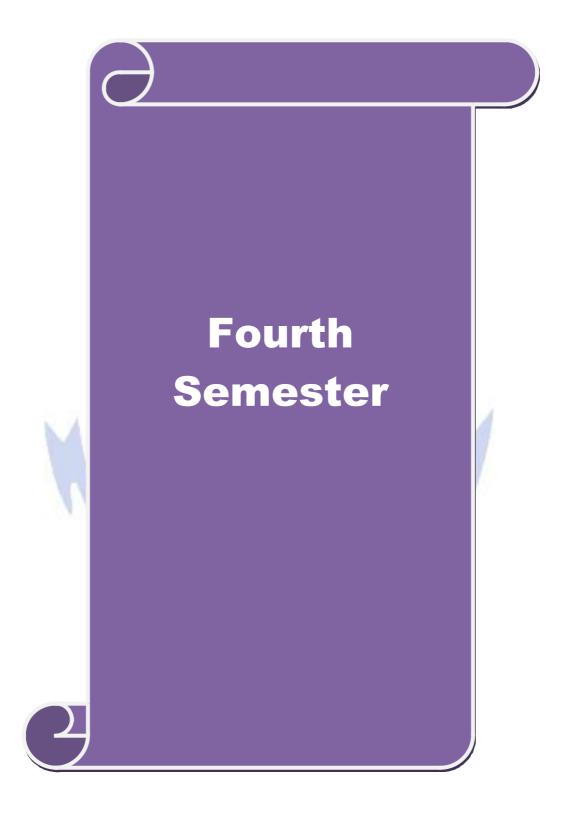
S- Strong; M-Medium; L-Low

Course code		Marketing Management	L	T	P	(
Skill based sub	oject - I	Portal and Indiana de Company	3	-	-	
Pre-requisite		Basic knowledge in marketing concepts	Syllabus Version 2		2022	2-2
Course Object			,			
The main object						
		views ofmarketing				
		ding about product life cycle				
		t pricingpolicies els ofdistribution				
		ding about the techniques of salespromotion				
Expected Cour	rse Outo	comes:				_
_		pletion of the course, student will be able to:				_
1 Label the mo	odern vie	ews on marketing			K1	
2 Understand	the conc	ept of product life cycle			K2	_
3 Apply differ	ent prici	ng techniques for different products			K3	_
4 Understand	the chan	nels o <mark>f distrib</mark> ution			K2	
5 Learn the tea	chniques	of sales promotion			K2	_
K1 - Rememb	er; K2 -	Understand; K3 - Apply; K4 - Analyze; K5 - Evaluat	e; K6 - C	Create	2	
Unit:1	1	Evaluation of marketing	M	10	hour	s
		g —Mo <mark>dern views on marketing —concepts- pro</mark> duct concept-societal concepts- market planning process- mar		lling		
		ategy-functions of marketing management	Keting			
3						
Unit:2		Product decision			ours	
branding and pa maturity and de	ackaging eclining	act meaning and role — product mix decision — product g —product life cycle —marketing strategies for introduct stages —new product development process —meaning of ew product —various stages in new product development	ction –gro of new pr	owth		
Unit:3		Pricing decision		8h	ours	
line pricing – p	ricing sta	ning and role of pricing – pricing objectives – pricing rategy for different stages in the life cycle of a product ricing strategy merits and demerits		-		ıg
Unit:4		Channel decision		9h	ours	
changes in char	nnel of d	of distribution channel – classification of channel and istribution – intensive, extensive and selection distribution – selection of channel for new product or new corrections.	ution – fa			

Unit:5	Promotional decision	8hours
manageme	d decision – promotional mix –advertising – meaning and ront of advertising – personal selling – importance – status of personant of sales force – sales promotion – sales promotion objective- majat dealers and at dealers and at customers level.	ll selling in India-
Unit 6	Contemporary issues	2 hours
	Expert lectures and seminars	
	TOTAL	45 hours
Text Bool	K(S)	
1 Mark	eting management - C.B.Mamoria and Sathishmamoria	
2 Princ	iples and practice of marketing in India - C.M.MamoriaandR.L.Josl	hi
3		
Reference	e Books	
1 Mark	eting Managemen <mark>t – Philip kotler</mark>	
Doloto J (online Contents IMOOC SWAYAM NOTEL Websites etc.	
Keiatea (Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]	
1 -		

Mapping with	n Program <mark>me Outc</mark> o	mes		1	
COs	PO1	PO2	PO3	PO4	PO5
CO1	S	M	M	S	S
CO2	M	M	S	M	S
CO3	M	S	M	S	S
CO4	S	S	M	M	S
CO5	S	M	S	S	S

S- Strong; M-Medium; L-Low



Course code		L	T	P	C	
Core VIII	•	Corporate Accounting	5	-	-	4
Pre-requisite		Basic knowledge in company accounts	Sylla Vers		2022	2-23
Course Object	tives:					
		ncepts of company accounts				
•		tuations of redemption of shares and debentures				
	-	ocess of determining managerial remuneration				
		s of accounts during amalgamation and external recon				
5. To analyz	e various m	ethods of valuation of goodwill and procedure of liqu	1dation	1		
Expected Con	ngo Outoon	noge.				
On the succes		etion of the course, student will be able to:				
					K	1
 Recalling various methods of preparing company accounts Analyze the redemptions of shares and debentures 					K	
- J						
		methods of calculating managerial remuneration			K	
•		f accounts during amalgamation and reconstruction			K	
		of goodwill and preparing accounts during liquidation			K	3
K1 - Rememb	er; K2 - Ur	nderstand; K3 - Apply; K4 - Analyze; K5 - Evaluate;	K6 - C	reate		0
TT 14 4		ACCUSE OF COM A PEC A ME PERFECUENCIA	1	45 1		
Unit:1	. 1	ISSUE OF SHARES AND DEBENTURES		15ł		
		tatutory books – issue of shares and debentures – for share – right issue – under writing.	orieitu	re an	a re-	
Unit:2	RED	DEMPTION OF PREFERENCE SHARES AND	4	15ŀ	101111	,
Unit.2	KED	DEBENTURES		131	iouis	•
-	f preference	e shar <mark>es and debentures – acquisition o</mark> f business – pro	ofits pr	ior to)	
corporation						
Unit:3		FINAL ACCOUNTS OF JOINT STOCK		15ŀ	our	6
		COMPANIES			nour	8
Preparation and					iours	5
Preparation and requirements –		COMPANIES on of final accounts of joint stock companies as per co	ompany	/ law		
Preparation and		COMPANIES on of final accounts of joint stock companies as per co	ompany			
Preparation and requirements —	Determination De	COMPANIES on of final accounts of joint stock companies as per contion of managerial remuneration AMALGAMATION, ABSORPTION & RECONSTRUCTION ation of share capital – Amalgamation, absorption and	ompany	/ law	nour	
Preparation and requirements — Unit:4 Reduction and (excludingints)	Determination De	COMPANIES on of final accounts of joint stock companies as per contion of managerial remuneration AMALGAMATION, ABSORPTION & RECONSTRUCTION ation of share capital – Amalgamation, absorption and holdings).	ompany	law 15ł	nour s	5
Preparation and requirements — Unit:4 Reduction and (excludingints) Unit:5	Determina d reorganiza ercompany	COMPANIES on of final accounts of joint stock companies as per contion of managerial remuneration AMALGAMATION, ABSORPTION & RECONSTRUCTION ation of share capital – Amalgamation, absorption and holdings). WALUATION OF SHARES AND GOODWILL	ompany	/ law	nour s	5
Preparation and requirements — Unit:4 Reduction and (excludingints) Unit:5	Determina d reorganiza ercompany	COMPANIES on of final accounts of joint stock companies as per contion of managerial remuneration AMALGAMATION, ABSORPTION & RECONSTRUCTION ation of share capital – Amalgamation, absorption and holdings).	ompany	law 15ł	nour s	5
Preparation and requirements — Unit:4 Reduction and (excludingints) Unit:5	Determina d reorganiza ercompany	COMPANIES on of final accounts of joint stock companies as per contion of managerial remuneration AMALGAMATION, ABSORPTION & RECONSTRUCTION ation of share capital – Amalgamation, absorption and holdings). WALUATION OF SHARES AND GOODWILL	ompany	15law	nour s	5

		Total Lecture hours	75hours
Te	ext Book(s)		
1	Shukla&Gr	ewal: Advanced Accounting, (S Chand, N.Delhi, 2000)	
2	Gupta, R.L	&Radhawsamy, M: Advanced Accounting, (S. Chand, N.Delh	i, 2002)
3	Arulananda	m& Raman: Advanced Accounting, (Himalaya Publ., N.Delhi	, 1999)
4	Jain &Nara	ng: Advanced Accounting, (Kalyani Publ., N.Delhi, 2005)	
Re	eference Boo	ks	
1	Hanif& Mu	kherjee: Corporate Accounting, (Tata McGraw-Hill, New Dell	ni,2006)
2	Maheshwar	i&Maheshwari: Advanced Accountancy, (Vikash Publ., N.Del	hi, 2000)
3	Basu& Das	Practice in Accountancy, (Rabindra Library, Kolkata, 2003)	
_	1 . 10 !!		
	elated Onlin	e Contents [MOOC, SWAYAM, NPTEL, Websites etc.]	
1			
2			
4			

Mapping with programme outcomes						
Cos	PO1	PO2	PO3	PO4	PO5	
CO1	S	S	S	S	S	
CO2	S	S	M	M	S	
CO3	M	M	S	S	S	
CO4	S	S	S	M	M	
CO5	M	M	S	S	S	

S- Strong; M-Medium; L-Low

Course Objectives: 1. To conceptualize the working of visual basic 2. To provide knowledge about various controls used in visual basic 3. To provide knowledge about various controls in visual basic 4. To utilize the concepts of controls structure, arrays and functions 5. To make use of concepts for built in functions, string & numeric functions, menu edite Expected Course Outcomes: On the successful completion of the course, student will be able to: Recall working in visual basics Comparing various kind of variables in visual basics Applying control in visual basic Analyzing work with functions, array Apply the concepts of various string and numeric functions K1 Remember; K2 Understand; K3 Apply; K4 Analyze; K5 Evaluate; K6 Create Unit:1 VB Fundamentals 9ho Integrated Development Environment (IDE) — Customizing a Form — Steps in VB Programm Anatomy of a Form — Code Window — Variables — Data types — Constant — Strings — Number		
Course Objectives: 1. To conceptualize the working of visual basic 2. To provide knowledge about various controls used in visual basic 3. To provide knowledge about various controls in visual basic 4. To utilize the concepts of controls structure, arrays and functions 5. To make use of concepts for built in functions, string & numeric functions, menu edite Expected Course Outcomes: On the successful completion of the course, student will be able to: Recall working in visual basics 2. Comparing various kind of variables in visual basics 3. Applying control in visual basic 4. Analyzing work with functions, array 5. Apply the concepts of various string and numeric functions K1 Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create Unit:1		
1. To conceptualize the working of visual basic 2. To provide knowledge about various controls used in visual basic 3. To provide knowledge about various controls in visual basic 4. To utilize the concepts of controls structure, arrays and functions 5. To make use of concepts for built in functions, string & numeric functions, menu edite Expected Course Outcomes: On the successful completion of the course, student will be able to: Recall working in visual basics 2. Comparing various kind of variables in visual basics 3. Applying control in visual basic 4. Analyzing work with functions, array 5. Apply the concepts of various string and numeric functions K1- Remember; K2- Understand; K3- Apply; K4- Analyze; K5- Evaluate; K6- Create Unit:1	2022-2	
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Develop a VB program using Check box and option button		
	urs	
Develop a VB program using Select case	urs	
	urs	
Unit:4 Practical's II 9ho	urs	

- > Develop a VB program using Control structure
- > Develop a VB program using Arrays
- > Develop a VB program using Financial function

Unit:5	DDE PR	ROPERTIES			7hours
Develop a VB	program using Bu	ilt in Functions			
Develop a VB	program using Str	ring and numeric	e functions		
Develop a VB p	rogram using Menu	ı editor			
Develop a VB p	rogram using Grids	box			
<u> </u>		То	tal Lecture hou	rs 45-	-hours
1 Mohamme	d Azam, Programi	ming with Visua	l Basic 6.0. IK	AS publishing ho	ouse (P) Ltd.
	ic 6.0 Programmii	•			
Reference Boo	oks			-	
	Visual Basic 6.0 f	from Ground un	– Garry Cornel		
	Visual Basic 6.0 -			arigiriyasan	
	Visual Busic 0.0	THI Interdetive	Tipprouen Suc		
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Cos	program <mark>me out</mark>	PO2	PO3	PO4	PO5
CO1	S	S	S	M	S
CO2	S	M	S	S	M
CO3	S	S	S	S	S
	M	M	S	M	M
CO4	IVI		~		

Course code		TITLE OF THE COURSE	L	T	P	C
Core X		Banking Theory	3	-	-	
Pre-requisite		Basic knowledge in banking	Sylla Vers		2022	2-23
Course Object						
The main object	ctives of thi	s course are to:				
		working of banking system				
		e about the recent trends in banking				
	e the role of te the role o	f central banks in country				
		banks in rural financing				
3. To unaryze		tounks in rural intaining				
Expected Cou	rse Outcon	nes:				
On the success	sful comple	etion of the course, student will be able to:				
		various aspects and working of banking industry			K	1
2 Compar	ing various	trends in banking industry			K	2
3 Analyzi	ng the role	of centr <mark>al banking system</mark>			K	4
4 Rememb	pering the r	ole and functions of SBI			K	1
5 Understa	anding the	rol <mark>e of banking in rural financing and deve</mark> lopment			K	2
K1 – Rememb	er; K2 –Uno	dest <mark>and; K3</mark> – Apply; K4 – Anal <mark>yze; K5–</mark> Evaluate; K6	– Cre	ate		
Unit:1		INTRODUCTION OF BANKING			iour	
	anch bank <mark>i</mark>	tion of banking – Classification of banks – Banking, Universal banking & Banking markets- Func				
Unit:2	TE	RECENT TRENDS IN INDIAN BANKING		91	iour	5
Recent trades cards – Credit		anking – Automated Teller Machines – Customer servi	ices –	Debi	t	
Unit:3		CENTRAL BANKS		8l	10ur	5
		s – Credit control measures – Quantitative and selective of RBI in regulating and controlling banks	e cred	lit		
Unit:4		STATE BANK OF INDIA		7-	-hou	rs
State bank of	India – E	volution – Functions – Role of SBI in Economic Devel	opmei	nt		
Unit:5	(COMMERCIAL BANKS		11-	-hou	rs
Commercial b banks in the Ir		on – Rural financing – Regional rural banks – Place of ng scene	co –	opera	itive	

Unit:6	Contemporary Issues	2 hours
Expert lectures,	online seminars – webinars	
	Total Lecture hours	45hours
Text Book(s)	-	
1 Banking or	f india - Panandigar . S.J	
2 A text boo	k of banking - Radhasamy .M &Vasudevan . S.V	
3 A text boo	k of banking - Maheswari .S.N	
Reference Bo	ooks	
1 Indian ba	nking - Natarajan .S &Parameshwaran .R	
2 Banking	and financial system - Santhanam	
Related Onlin	ne Contents [MOOC, SWAYAM, NPTEL, Websites etc.]	
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2	and the second	
4		
Course Design	ned By:	

Mapping with	Mapping with programme outcomes								
Cos	PO1	PO2	PO3	PO4	PO5				
CO1	S	S	S	S	S				
CO2	M	S	S	S	S				
CO3	S	M	S	M	S				
CO4	S	S	M	S	M				
CO5	M	S	S	S	S				

S- Strong; M-Medium; L-Low

Course code	TITLE OF THE COURSE	L	T	P	C
Allied IV	PRINCIPLES OF MANAGEMENT	3	-	-	3
Pre-requisite	Basic knowledge of Principles of Management	Syllah Versi		20	22-23

The main objectives of this course are to:

- 1. Conceptualize on the functions and theories of principles ofmanagement.
- 2. Enable the students to study about the different types of management theories.
- 3. Make the students to understand the delegation of power and control.
- 4. Acquire the detailed knowledge on communication inmanagement.
- 5. Make the students to understand the motivational theories.

Expected Course Outcomes:

On the successful completion of the course, student will be able to:

1	Conceptualize the nature and scope of Management process	K1
2	Understand the Planning and decision-making process.	K2
3	Enlighten about the organization and organization structure.	K1
4	Enumerate Theories of motivation and incentives.	K2
5	Make the students to understand the Co-ordination and control process.	K2

K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create

Unit:1 MANAGEMENT AND ADMINISTRATION

Definition of Management – Management and Administration – Nature and Scope of Management - Functions of Management - Contribution of F.W. Taylor – Heniry Fayol – Mary Parker Follet – Mc Gregor and Peter F. Drucker.

9 hours

Unit:2 PLANNING 9 hours

Planning – Meaning – Nature and Importance of Planning – Planning promises – Methods and Types of plans – Decision Making.

Unit:3 ORGANIZATION 9 hours

Organization – Meaning, Nature and Importance – Process of Organization – Principles of Sound Organization – Organization Structure – Span of Control – Organization Chart - Departmentation—DelegationandDecentralization—AuthorityrelationshipLine,Functional and Staff.

Unit:4 MOTIVATION 9 hours

 $\label{eq:motivation-Need-Determinants} \begin{tabular}{l} Motivation-Need-Determinants} of behaviour-Maslow ``s Theory of Motivation-Motivation Theories in Management-X, Y and Z theories-Leadership styles-MBO-Management by Exception.$

Unit:5 COMMUNICATION IN MANAGEMENT 7 hours

Communication in Management – Co-Ordination – Need and Techniques – Control – Nature and process of Control – Techniques of Control.

Unit:	6 CONTEMPORARY ISSUES	2 hours
Expert	lectures, online seminars – webinars	
	Total Lecture hours	45 hours
Text 1	Book(s)	
1 Pr	nciples of Management - Koontz and O"Donald	
2 Bu	siness Management - Dinkar – Pagare	
3 Th	e Principles of Management - Rustom S. Davan	
Refer	ence Books	
1 E	Susiness Organization and Management - Y. K. Bhushan	
2 E	Susiness Management – Chatterjee	
Relat	ed Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]	
1 <u>h</u>	ttps://www.youtube.com/watch?v=_nikDhY1z8s	
2 <u>h</u>	ttps://www.youtube.com <mark>/watch?v=nZd3tU</mark> vfjq4&t=89s	
_	ttps://www.youtube.c <mark>om/watch?v=xCEAiy51oS8&list=PLG</mark> RG6Dk7lyZ	Z7vBWcAPIxfyF

	Mapping with Programme Outcomes							
COs	PO1	PO2	PO3	PO4	PO5			
CO1	S	S	S	M	M			
CO2	M	S	S	S	S			
CO3	S	S	S	S	S			
CO4	S	M	M	S	S			
CO5	S	S	S	S	S			

S- Strong; M-Medium; L-Low

Course code	TITLE OF THE COURSE	L	Т	P	С
Skill Based Subject - 2	E -BUSINESS	2	-	-	2
Pre-requisite	Basic knowledge of E-business	Syllab Versi		202	22-23

The main objectives of this course are to:

- 1. To acquire the basic concept of E- Business and related information technology
- 2. To enable the students on Intranet and Extranet
- 3. To impart knowledge on Security Threats in E-business
- 4. To gain knowledge on Electronic Payment System
- 5. To know E-Business Applications and Strategies

Expected Course Outcomes:

On the successful completion of the course, student will be able to:

1	Understand the basic concept of E- Business and its applications	K1
2	To gain the knowledge on EDI	K2
3	To analyse security threats in E-Business	K1
4	Apply various digital payment methods	K2
5	To gain knowledge on E-business models and recent trends in E-business	K2

K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create

Unit:1 Introduction to e-business 6 hours

Introduction to e-business: Electronic Business, Electronic Commerce, Electronic Commerce Models, Types of Electronic Commerce, Value Chains in Electronic Commerce, E-Commerce in India. Internet, World Wide Web, Internet Architectures, Internet Applications, Web Based Tools for Electronic Commerce,

Unit:2 Composition of Intranet and Extranet 6 hours

Intranet, Composition of Intranet, Business Applications on Intranet, Extranets Electronic Data Interchange, Components of Electronic Data Interchange, Electronic Data Interchange Communication Process)

Unit:3 Security Threats to e-business 6 hours

Security Threats to e-business, Security Overview, Electronic Commerce Threats, Encryption, Cryptography, Public Key and Private Key Cryptography, Digital Signatures, Digital Certificates, Security Protocols over Public Networks: HTTP, SSL, Firewall as Security Control, Public Key Infrastructure (PKI) for Security, Prominent Cryptographic Applications.

Unit:4 Electronic Payment System 6 hours

Electronic Payment System, Concept of Money, Electronic Payment System, Types of Electronic Payment Systems, Smart Cards and Electronic Payment Systems, Infrastructure Issues in EPS, Electronic Fund Transfer.

Unit:5 E-Business Applications and Strategies 4 hours

E-Business Applications & Strategies- Business Models & Revenue Models over Internet, Emerging Trends in e-Business, e-Governance, Digital Commerce, Mobile Commerce, Strategies for Business over Web, Internet based Business Models.

Uı	nit:6	CONTEMPORARY ISSUES	2 hours
	pert lectures,	online seminars – webinars	
		Total Lecture hours	30 hours
Te	ext Book(s)	+	
1	Whitley, Da	wid (2000). e-Commerce Strategy, Technologies and Applications. Tata	McGraw Hill.
2	Schneider C	Gary P. and Perry, James T (1st Edition 2000). Electronic Commerce. The	omson Learning.
3			
10			
Re	eference Bo	oks	
1		nlesh K and Nag, Debjani (Ist Edition 1999). E-Commerce: The Cutting	Edge of
		Tata McGraw Hill, Publishing Company Ltd., New Delhi.	
2	Dr.C.S.R	ayudu,"E-Commerce &E-Business",Himalaya Publishing House, I	New Delhi, 2004.
D	lated Onli	ne Contents [MOOC, SWAYAM, NPTEL, Websites etc.]	
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	Mapping with Programme Outcomes							
COs	PO1	PO2	PO3	PO4	PO5			
CO1	S	S	S	S	S			
CO2	S	S	S	S	S			
CO3	S	Sallin	ny S	S	S			
CO4	S	S	S	S	S			
CO5	S	S	S	S	S			

S- Strong; M-Medium; L-Low



Course code		TITLE OF THE COURSE	L	T	P	(
Core XI		SOFTWARE ENGINEERING	6	ļ -	-		
Pre-requisite	!	Basic computer knowledge	Syllabus Version 2			2022-23	
Course Object			,				
The main object	ctives of thi	s course are to:					
-		n about various software products re project planning and scheduling					
		n about COCOMO model					
		cess of software quality assurance and configuration cess of risk management	n manag	emen	t		
Expected Cou							
		tion of the course, student will be able to:			-		
	<u> </u>	oftware products			K		
2 Underst	anding the p	process <mark>of software project planning</mark> and schedulin	g		K	2	
3 Applyin	g COCOM	O m <mark>odel</mark>			K	3	
4 Evaluati	ing software	e quality assurance procedures			K	5	
5 Applyin	g various ri	sk <mark>manag</mark> ement strategies			K	3	
K1 - Rememb	er; K2 - Ur	n <mark>derstan</mark> d; K3 - Apply; K4 - A <mark>nalyze; <mark>K5</mark> - Eva</mark> lua	te; K6 –	Create	e		
Unit:1		AND ADDRESS OF THE PARTY OF THE					
	1.5	SOFTWARE PRODUCT AND PROCESS		0ho	urs		
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Software Produ Process,Softwa Evolutionary S Unit:2 Software Proje Specification, I Estimation: Siz	oftware ProcessMoftware Proces	cess: Software Characteristics & Applications, Softodels; Linear Sequential Model, Prototyping Model, Process Models, Software Development Process SOFTWARE PROJECT PLANNING AND SCHEDULING and Scheduling: Software Requirement, Software the Validation, Software Design Principles, Software	tware RADMod Requirer re Project	8homents,	urs		
Software Produ Process, Software Evolutionary S Unit:2 Software Proje Specification, I Estimation: Siz Unit:3 COCOMO Mod	ct Planning Requirement te Oriented,	cess: Software Characteristics & Applications, Soft Models; Linear Sequential Model, Prototyping Model, Docess Models, Software Development Process SOFTWARE PROJECT PLANNING AND SCHEDULING and Scheduling: Software Requirement, Software ats Validation, Software Design Principles, Software Function Oriented, Software Metrics, Software Company of the	tware RADMoo Requirer re Projectost Estim	8homents, t. ation, urve,	urs	S	
Software Produ Process, Software Evolutionary S Unit:2 Software Proje Specification, I Estimation: Siz Unit:3 COCOMO Mod	ct Planning Requirement te Oriented, Organizatio	Software Characteristics & Applications, Soft Models; Linear Sequential Model, Prototyping Model, Process Models, Software Development Process SOFTWARE PROJECT PLANNING AND SCHEDULING and Scheduling: Software Requirement, Software ats Validation, Software Design Principles, Software Function Oriented, Software Metrics, Software Company of Software Models Software Models, Software Staff & Personnel Planning, Radio Scheduling, Software Staff & Personnel Planning, Software Staff & Personnel Planning, Software Staff & Personnel Planning, Software Staff & P	tware RADMoo Requirer re Projectost Estim	8homents, t. ation, urve, ues	urs		
Software Produ Process, Software Evolutionary S Unit:2 Software Proje Specification, I Estimation: Siz Unit:3 COCOMO Mod Software Team Unit:4 Software Quality Assurances, Software, Software County	ct Planning Requirement te Oriented, Organization cy Assurance ftware Testi	SOFTWARE MODEL Scheduling, Software Staff & Personnel Planning, Ram & Control Structure. Project Monitoring & Control SOFTWARE QUALITY ASSURANCE & Software Quality Assurance of Software Quality Assurance & Control Structure. Project Monitoring & Control SOFTWARE QUALITY ASSURANCE & Software & Control Structure.	tware RADMod Requirer re Projectost Estim ayleigh Cil Techniq	8homents, t. ation, urve, ues	urs hour		

Unit:6	Contemporary Issues	2 hours
Expert le	ctures, online seminars - webinars	
	Total Lecture hours	90hours
Text Boo	$\mathbf{k}(\mathbf{s})$	
	S. Pressman (2001). Software Engineering: A Practioner's Approach. McEdition.	GrawHill, New Delhi,
2 Aggar	wal, K.K.& Singh, Yogesh (2005). Software Engineering. New Age Intern	ational.
•		
Reference	e Books	
	er Royce (2001). Software Project Management: A Unified Framework. onEducation Asia, Singapore, First Edition.	
2		
	A CONTRACT OF A	
2	Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]	
2	Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]	
2	Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]	

Mapping with	program <mark>me out</mark> co	omes	1125		1
Cos	PO1	PO2	PO3	PO4	PO5
CO1	S	S	S	S	S
CO2	S	S	M	M	M
CO3	S	S	S	S	S
CO4	M	S	M	S	S
CO5	S	S	S	M	S

Course code	TITLE OF THE COURSE	L	T	P	C
Core XII	Management Accounting	4	-	1 -	
Pre-requisite	Basic Knowledge In Accounting	Sylla Vers		2022	2-23
Course Objectives:	•		•		
The main objectives	of this course are to:				
 To apply various To analyze vario To assist in preparation 	e procedures and concepts of managementaccounting techniques of financialanalysis as kind of ratio analysis for decisionmaking ring fund flow statements and cash flowstatements e procedure of marginalcosting				
Expected Course O	tcomes:				
_	mpletion of the course, student will be able to:				
1 Recalling the	process and techniques of management accounting			K	1
2 Apply various	techniques of financial analysis for decision making			K	3
3 Analyze finan	rial statements using ratio analysis			K	4
4 Analyze finan	rial stat <mark>ements us</mark> ing fund flow statem <mark>ents and</mark> cash flow s	stateme	ents	K	4
5 Understanding	the decision making process using marginal costing techniques.	niques		K	1
And Scope, its distinct	NATURE AND SCOPE OF MANAGEMENT ment Accounting-Need and importance-MeaningDefinition tion between Financial and Cost accounting-Advantages a ing management - Accountant-Role-Essential qualities	on-Obje		S	
Unit:2	FINANCIAL STATEMENT ANALYSIS	1	0ho	urs	
Financial Statemen Trend percentages-l	Analysis-Interpretation and criticism of finanter firm Comparison-Necessity and limitations	ncial	sta	teme	nts-
Unit:3	RATIO ANALYSIS		10	hour	<u></u>
Ratio Analysis-Mean Liquidity, Solvency	ng, advantages, limitations, Balance sheet ratios, Profit & atios, Overall Performance ratios (Advanced Problems)	Loss A	/c Rat	ios,	
Unit:4	FUND FLOW AND CASH FLOW STATEMENT		15	hour	S
	and cash flow statement-advantages of fund flow statement Cash flow statement.	nt, disti	nctio	n	
Unit:5	MARGINAL COSTING		81	ours	
analysis, Profit Volu	a tool of decision making, Fixed and variable cost, contribute Ratio, Limiting factor, Marginal costing and impost decision making only)				

Expert lectures, Text Book(s)	online seminars – webinars Total Lecture hours	(A hanna
Toyt Rook(s)	Total Lecture hours	(0 house
Toyt Rook(s)	Total Lecture hours	(A) harry
Toyt Rook(c)		60—hours
Text Dook(s)	•	
1 R. N. Anth	ony / G. A. Walsh: Management Accounting	
2 M. Y. Kha	n. K. P. Jain: Management Accounting	
3 I. M. Pand	y: Management Accounting	
Reference B	ooks	
1 Richard M	Lynech & Robert Williamson: Accounting for Management Planning & C	Control
2 Dr. Mahe	esh Kulkarni : Management Accounting Career Publications, Nasik	
Related Onli	ne Contents [MOOC, SWAYAM, NPTEL, Websites etc.]	
1		
2	and the state of t	
2		

Mapping with programme outcomes					
Cos	PO1	PO2	PO3	PO4	PO5
CO1	S	S	S	S	S
CO2	S	M	S	M	S
CO3	M	S	M	S	S
CO4	S	S	S	S	M
CO5	S	S	S	S	S

^{*}S-Strong; M – Medium; L - Low

Course code		TITLE OF THE COURSE		L	T	P	C
Core XIII		Technology Management		5	-	-	-
Pre-requisite		Basic knowledge in management		Sylla Versi			
Course Object			•		•		
The main object	tives of thi	s course are to:					
		ge about the relationship between technology a	nd manag	geme	ent		
-	_	about change management					
		t innovation management					
		out the business process engineering about creative and lateral thinking					
3. To provide	Kilowicage	about creative and fateral tilliking					
Expected Cou	rse Outcon	nes:					
		tion of the course, student will be able to:					
1 Recallin	g the relation	onship between technology and management				K	1
2 Understa	anding char	nge ma <mark>nagement in organizational co</mark> ntext				K	2
3 Applyin	g innovatio	ns i <mark>n organizations</mark>				K	3
4 Analyzii	ng business	process engineering		K ²			4
5 Applying	creative th	reative thinking in decision making				K3	
K1 - Rememb	er; K2 - U <mark>r</mark>	nderstand; K3 - Apply; K4 - Analyze; K5 - Ev	<mark>a</mark> luate; K	6 - 0	Create	;	
Unit:1	4	TECHNOLOGY MANAGEMENT			15h		
		: Understanding Technology and its Relations c Knowledge; Technology Life Cycles, Techn					
	_	exports / Joint venture Abroad. Technological		_		ına	
		usiness Enterprises. Global Trends in Technological					
1	1			0			
Unit:2		CHANGE MANAGEMENT			15h		
		Inderstanding the Nature, Importance, For					
		onal Capability to Change-strategy, S ives for Change, Building Culture for Chan			stems		nd
		naging Transformations.	nge. Cha	inge	ппре	ianv	<i>5</i> 8
	510 <u>5</u> 105. 1410						
Unit:3]	NNOVATIONS MANAGEMENT			15—	-hou	rs
Innovations M	anagement	: Invention vs. Innovation; Innovation Strateg	ies, Mode	els; C	oncu	rrent	
Unit:4]	ENGINEERING			15—	-hou	rs
Engineering;	Process Inn	ovation. Economics of Innovation. Innovation I	Managem	ent.			
Unit:5		CREATIVE AND LATERAL THINKING MANAGEMENT	G		13—	-hou	rs
Creative and L	ateral Thin	king Management: Creative Thinking, Problem	m Solvin	g, Ma	anagi	ng	
Lateral Thinki			•	<i>-</i>		_	

Unit:6	Contemporary Issues	2 hours				
Expert lectu	Expert lectures, online seminars - webinars					
	Total Lecture hours	75hours				
Text Book(s)	,				
1 Azad, R.	R.(2000). Technology Transfer & Joint Ventures Abroad. Deep &Deep	Publications,India.				
	Tushman, M.L. & Lawrence, P.R. (1997). Managing Strategic Innovation & Change. Oxford University Press, USA, New York.					
Reference l	Books					
1 Jones T.	2003). Innovating at the Edge: How Organizations Evolve and Embed					
2 Innovation	n Capability. Butterwork Heinemann, U. K.					
83						
Related On	Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]					
1						
2						
4						
Course Designed By:						

Mapping with	programme ou	tcomes	-		
Cos	PO1	PO2	PO3	PO4	PO5
CO1	S	S	S	S	S
CO2	M	S	S	S	M
CO3	S	M	M	S	S
CO4	M	S	S	M	S
CO5	S	S	S	S	S

^{*}S-Strong; M-Medium; L-Low

		So	CAA D	ATED	: 23.	06.
Course code		TITLE OF THE COURSE	L	Т	P	(
Core XIV	ı	Principles of Web Designing	4	abus	-	
Pre-requisite	Pre-requisite Basicwebknowledge				202	2-2
Course Object	tives:			<u> </u>		
The main object	ctives of thi	s course are to:				
1. To provid	e insights a	bout the use of HTML andgraphics				
		mongstudents				
	ice javascri	1 0				
-	_	ge about various scriptingtechniques				
5. To provid	e insignts a	bout web based data basetools				
Expected Cou	rse Outcor	mes:				
On the succes	sful comple	etion of the course, student will be able to:				
1 Recall v	arious techr	niques of using HTML and graphics			K	1
	g XML tec				K	3
3 Underst					K	2
	omparing various scripting techniques				K	2
5 Applyin	g web base	ed data base tools			K	3
K1- Rememb	er; K2 –Und	estand; K3– Apply; K4– Analyze; K5– <mark>Evaluate</mark> ; K6	– Create	e	3 1	
Unit:1		HTML & GRAPHICS	1:	5hou	rs	
Structure Tag Form Tags, Fr	s, Formattings, rame Tags,	ML 4.0 Tag Reference, Global Attributes, Event Harng Tags, List Tags, Hyperlinks, Image & Image ma Executable Content Tags. Image Maps, Advanced (p, Table	e Tags	,	
Frames, Form	s & Style S	Sheets				
Unit:2	. //	XML	10	0hou	ırs	
		ML, Problems wit <mark>h HTML & S</mark> GML. Types of XM ons, Linking, Using Style Sheets with XML, XML &				
<u> </u>		SELLIFORD SUNFO				
Unit:3		JAVA SCRIPTING		10l		3
	-	ting, Web Browser Object Model, Manipulating Wi			mes	
		va Script to create smart forms. Cookies and State N			ontos	
of Cookies, Ho	w to Use C	Cookies, Which Servers and Browsers support Cookies, which Servers and Browsers support Cookies	ies. Intro	oducti	onto	
DHTML. Adva	inced Netso	cape DHTML, Advanced Microsoft DHTML & Cro	oss brow	ser D	HTM	L.

Unit:4 CGI & SERVER SIDE SCRIPTING 15--hours

CGI & Server side scripting, CGI & the WWW, Beyond HTML with CGI, How CGI works. CGI Server requirements for WINDOWS-NT & UNIX, CGI script structure, Standard CGI Environment Variables, CGI Libraries, Java Servlets, Server-Side

Unit:5	JAVA SCRIPT	8—hours
Java ScriptW	Veb Database Tools, ORACLE & MS-ACCESS, Database tools, PH	IP, Server Side
includes. Visu	al Basic, Scripting Edition & Active Server Page	
Unit:6	Contemporary Issues	2 hours
Expert lectures	online seminars – webinars	
	Total Lecture hours	60hours
Text Book(s)	<u> </u>	
1 Using HT	ML 4, XML & JAVA by Eric Ladd & Jim O'Donell (Platinum Edition) (I	PHI)
	•	•
Reference B	ooks	
1 PFRI &	CGI by Elizabeth Castro (Pearson Education	
1 I LKL &	CGI by Elizabeth Castro (I carson Education	
Related Onl	ine Contents [MOOC, SWAYAM, NPTEL, Websites etc.]	
1	ine contents [110 00, 5 111111111, 111 122, 11 05stes etc.]	
2		
2		
4		

Mapping with programme outcomes					
Cos	PO1	PO2	PO3	PO4	PO5
CO1	S	S	S	S	S
CO2	S	M	S	S	S
CO3	S	S	M	M	S
CO4	M	S	S	S	M
CO5	S	M	S	S	S

^{*}S-Strong; M-Medium; L-Low

			1	P	C
Core XV	Computer Applications: Web Designing – Practical III	-	-	4	-
Pre-requisite	Basic internet knowledge	Sylla Vers		202	2-23

The main objectives of this course are to:

- 1. To create web pages for business organizations
- 2. To use HTML for programming purposes
- 3. To document information suing formatting and alignment

Expected Course Outcomes:

On the successful completion of the course, student will be able to:

1	Creating web pages for organizations	K6
2	Understanding programming using HTML	K2
3	Analyzing information using various formatting and alignment options	K4
4	Creating resumes using HTML	K6
5	Creating documents using forms	K6

K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create

Unit:1	Title of the Unit (Capitalize each Word)	60—hours

- 1. Create web pages for a business organisation using HTML Frames.
- 2. Create a Program using HTML to display the ordered list and unordered list of a DepartmentalStore.
- 3. Program to display Image and text using HTML tag for an advertisement of a Company Product.
- 4. Create a table to display list of products using HTMLtag.
- 5. Create a document using Formatting and alignment to display SalesLetter.
- 6. Create a Resume using HTMLTags.
- 7. Create a website of your department with minimum five links using HTML.
- 8. Create a document using Form to support Local Processing of Orderform.
- 9. Create a Form of the Customer Survey for the user to enter General name and address information.
- 10. Create a Frame to display a multiformdocument.

Mapping with	programme out	comes			
Cos	PO1	PO2	PO3	PO4	PO5
CO1	S	S	S	S	S
CO2	S	S	S	S	S
CO3	S	S	S	S	S
CO4	S	S	S	S	S
CO5	S	S	S	S	S

^{*}S-Strong; M-Medium; L-Low

Course code		T	TTLE OF	THE COU	JRSE		L	T	P	C
Elective I A	•	Cost	Accounting	3			4	-	-	4
Pre-requisite	e	BASICA	CCOUN	FINGKNO	WLEDGI	E	Syllab Versio		2022-23	3
Course Objec	tives:					•				
The main obje	ctives of th	is course are	to:							
		oncept and va								
		of accounts								
		he technique		rdcosting						
		under proces	_	a of atondor	ed acetina e	ndoon	tro1			
<i>5.</i> 10 help h	i anaryznig	the different	tecinique	s of standar	u cosung a	macon	1101			
Expected Cou	rse Outco	mes:								
On the succes			ourse, stud	dent will be	able to:					
1 Recall	various coi	ncepts of cost	ing <mark>and co</mark>	<mark>sting</mark> meth	ods				K1	
2 Compa	re the vario	ous elem <mark>ent</mark> s	of <mark>costing</mark>						K2	
3 Apply	innovative	methods of c	<mark>osting tec</mark> l	nniques	-				К3	
4 Analyse	e the variou	ıs ty <mark>pes of un</mark>	der proces	s costin <mark>g</mark>		1			K4	
5 Analyz	the differ	rent <mark>techni</mark> qu	es of stand	ard costing	and contro	ol it	1		K4	
K1 - Rememb	ber; K2 - U	I <mark>ndestand; K3</mark>	3 - Apply;	<mark>K4 - An</mark> aly	ze; K5 - E	valuat	e; K6 -	Crea	te	
							2.9			
TT 1.4		TARK GOV	LOTTO TO	V GOGT	a a a vivier	NIG I	- {	2 - 1		
Unit:1	4	BASIC CON					1	100	ours	
Overview of		cepts in Cos	t Account	ing - Eler	nent of C	ost :	Materi	al, La	abour	
Overview of Overheads M	Iaterial : Pu	c <mark>epts in C</mark> os urchase proce	t Account dure, stora	ing - Eler	nent of C entory con	ost: trol, L	Materi anded	al, La	abour of Mat	eria
Overview of Overheads M receipts. Meth	laterial : Pu ods of Pri	c <mark>epts in Cos</mark> urchase proce cing- issues,	t Account dure, stora Methods	ing - Eler age and Inv of Invento	nent of C entory con ry control	ost : trol, L – Lat	Materi anded oour :C	al, La cost c Classif	abour of Mate ficatio	eria n o
Overview of	laterial : Pu ods of Pri	c <mark>epts in Cos</mark> urchase proce cing- issues,	t Account dure, stora Methods	ing - Eler age and Inv of Invento	nent of C entory con ry control	ost : trol, L – Lat	Materi anded oour :C	al, La cost c Classif	abour of Mate ficatio	eria n o
Overview of Overheads M receipts. Meth Labour, Princi Merit rating	laterial : Pu ods of Pri	c <mark>epts in Cos</mark> urchase proce cing- issues,	t Account dure, stora Methods	ing - Eler age and Inv of Invento	nent of C entory con ry control	ost : trol, L – Lat	Materi anded oour :C	al, La cost c Classif	abour of Mate ficatio	eria n o
Overview of Overheads M receipts. Meth Labour, Princi Merit rating Unit:2	Iaterial : Puods of Priples and M	cepts in Cosurchase procecing-issues, Iethods of Re	dure, stora Methods muneratio	ring - Elerage and Involvento of Invento on, Account	nent of C entory con ry control ing of Lab	ost: trol, L – Lat our co	Materi anded oour :Cost, Job	al, Lacost of Classification (Classification)	abour of Mate ficatio uation	eria n o
Overview of Overheads Merceipts. Meth Labour, Princi Merit rating Unit:2 Overheads: Merceipts. Merceipts. Merceipts. Merceipts. Merceipts. Merceipts.	Iaterial : Puods of Priples and M	cepts in Cosurchase procecing-issues, Iethods of Re	dure, stora Methods muneratio	ring - Elerage and Involvento of Invento on, Account	nent of C entory con ry control ing of Lab	ost: trol, L – Lat our co	Materi anded oour :Cost, Job	al, Lacost of Classification (Classification)	abour of Mate ficatio uation	eria n o
Overview of Overheads M receipts. Meth Labour, Princi Merit rating Unit:2	Iaterial : Puods of Priples and M	cepts in Cosurchase procecing-issues, Iethods of Re	dure, stora Methods muneratio	ring - Elerage and Involvento of Invento on, Account	nent of C entory con ry control ing of Lab	ost: trol, L – Lat our co	Materi anded oour :Cost, Job	al, Lacost of Classification (Classification)	abour of Mate ficatio uation	eria n o
Overview of Overheads M receipts. Meth Labour, Princi Merit rating Unit:2 Overheads: M overheads	Iaterial : Puods of Priples and M	cepts in Cosurchase procecing-issues, lethods of Reassification, a	dure, stora Methods muneration OVE	ing - Elerage and Involvento on, Account RHEADS	nent of C entory con ry control ing of Lab	ost: trol, L – Lat our co	Materi anded oour :Cost, Job	al, Lacost of Classification of the Classifi	abour of Mate ficatio uation nours ng of	erial n of and
Overview of Overheads M receipts. Meth Labour, Princi Merit rating Unit:2 Overheads: M overheads Unit:3	Iaterial : Puods of Priples and M	cepts in Cosurchase procecing- issues, lethods of Reassification, a	OVE	ring - Elerage and Invento on, Account RHEADS apportionm	nent of C entory con ry control ing of Lab	ost : trol, L Labour co	Materianded pour :Cost, Job	al, Lacost of Classification of the Classifi	abour of Mate ficatio uation	eria n oi and
Overview of Overheads Merceipts. Meth Labour, Princi Merit rating Unit:2 Overheads: Moverheads: Moverheads Unit:3 Methods of	Interial: Puriods of Priples and Management	cepts in Cosurchase procecing- issues, lethods of Reassification, and lethods of Reassification and lethods of Reassif	OVE	ring - Elerage and Invento on, Account RHEADS apportionm	nent of C entory con ry control ing of Lab	ost : trol, L Labour co	Materianded pour :Cost, Job	al, Lacost of Classification of the Classifi	abour of Mate ficatio uation nours ng of	erial n of and
Overview of Overheads M receipts. Meth Labour, Princi Merit rating Unit:2 Overheads: M overheads Unit:3 Methods of Unit:4	Interial: Purods of Priples and Management M	cepts in Cosurchase procedures in Sues, lethods of Reassification, a description of the costing, Barrens Cos	OVE	ring - Elerage and Invento on, Account RHEADS apportionm	nent of C entory con ry control ing of Lab	ost : trol, L Labour co	Materianded pour :Cost, Job	al, Lacost of Classification of the Classifi	abour of Mate ficatio uation nours ng of	urs
Overview of Overheads M receipts. Meth Labour, Princi Merit rating Unit:2 Overheads: M overheads Unit:3 Methods of Unit:4	Interial: Purods of Priples and Management M	cepts in Cosurchase procecing- issues, lethods of Reassification, and lethods of Reassification and lethods of Reassif	OVE	ring - Elerage and Invento on, Account RHEADS apportionm	nent of C entory con ry control ing of Lab	ost : trol, L Labour co	Materianded pour :Cost, Job	al, Lacost of Classification (Classification) (Classifica	abour of Mate ficatio uation nours ng of	urs
Overview of Overheads M receipts. Meth Labour, Princi Merit rating Unit:2 Overheads: M overheads: M overheads Unit:3 Methods of	Interial: Proposed in Proposed	cepts in Cosurchase procedures in Sues, lethods of Reassification, a description of the costing, Barrens Cos	OVEING ts and join	ring - Elerage and Invento of Invento on, Account on,	nent of C entory con ry control ing of Lab	ost : trol, L Labour co	Materianded pour :Cost, Job	al, Lacost of Classifice evaluation 101	abour of Mate ficatio uation nours ng of	urs

Un	it:6	Contemporary Issues	2 hours
Exp	ert lecture	s, online seminars - webinars	
		Total Lecture hours	60hours
Tex	kt Book(s)		
1	Ravi Kish Ltd. New	or : Advanced Cost Accounting and Cost Systems, Taxmann's Al Delhi	lie Services Pvt.
2	N.K.Prasa	d: Principles and Practice of Cost Accounting, Book Syndicate P	vt.Ltd. Calcutta
	*		
Ref	ference Bo	oks	
1	S. P.Iyer	gar: Cost Accounting Principles and Practice, Sultan Chand & So	ns, New Delhi
2			
Rel	ated Onli	ne Contents [MOOC, SWAYAM, NPTEL, Websites etc.]	
1		The second secon	
2			
4			
	H.		
Coi	ırse Desigi	ned By:	

Mapping Programme outcomes								
	PO1	PO2	PO3	PO4	PO5			
CO1	S	S	S	S	S			
CO2	S	S	S	S	S			
CO3	S	S	S	S	S			
CO4	S	S	S	S	S			
CO5	S	S	S	S	S			

^{*}S-Strong; M-Medium; L-Low

Course code		TITLE OF THE COURSE		L	T	P	C
Elective I B		Business Finance		4	-	-	4
Pre-requisite		Basic knowledgeinfinance		Syllal Versi	bus on	202	2-23
Course Object	ives:						
The main object	ctives of thi	s course are to:					
1. To underst	tand the var	ious concept relating tofinance					
		e basics of financialplanning					
		urces and forms offinance	_				
		ious dimensions of capital market and the	circomponents	}			
		e about capitalization and relatedtheories					
Expected Cour							
		tion of the course, student will be able to:					
		epts relating to finance				K	
		ous techniques of financial planning				K	
3 Analyze	various so	urces and forms of finance				K	4
4 Understar	nding vario	us d <mark>imensions of capital market an</mark> d t <mark>heir</mark>	components			K	2
5 Understa	anding capi	tali <mark>zation c</mark> oncept and related theories for	decision mak	ing		K	2
K1 - Rememb	er; K2 - Ur	nde <mark>rstand</mark> ; K3 - Apply; K4 - A <mark>naly</mark> ze; K5	- Evaluate; K	6 - C	reate		
		T A I A! A D ! T!					
Unit:1		Introduction to Business Finance			15h	our	S
Business Finan		<mark>ction – Meaning – Concepts - Scope</mark> – Fu			15h	iour	5
Business Finan		The state of the s			15h	iours	8
Business Finan Traditional and		ction – Meaning – Concepts - Scope – Fu Concepts – Contents of Modern Finance F		nce			
Business Finar Traditional and Unit:2	d Modern (ction – Meaning – Concepts - Scope – Fu Concepts – Contents of Modern Finance F Financial Plan	unctions	nce	10h	our	
Business Finar Traditional and Unit:2	d Modern (ction – Meaning – Concepts - Scope – Fu Concepts – Contents of Modern Finance F	unctions	nce	10h	our	
Business Finar Traditional and Unit:2 Financial Plan:	d Modern (ction – Meaning – Concepts - Scope – Fu Concepts – Contents of Modern Finance F Financial Plan Concept – Objectives – Types – Steps – S	unctions	nce Fund	10h lamei	nours ntals	8
Business Finan Traditional and Unit:2 Financial Plan: Unit:3	d Modern (Meaning -	ction – Meaning – Concepts - Scope – Fu Concepts – Contents of Modern Finance F Financial Plan Concept – Objectives – Types – Steps – S Sources and Forms of Finance	unctions Significance –	nce Fund	10h lamer	nours ntals	8
Business Finan Traditional and Unit:2 Financial Plan: Unit:3 Sources and Fo	Meaning -	ction – Meaning – Concepts - Scope – Fu Concepts – Contents of Modern Finance F Financial Plan Concept – Objectives – Types – Steps – S	Significance –	Fund	10h lamer 10h	nours ntals	5
Business Finan Traditional and Unit:2 Financial Plan: Unit:3 Sources and Fo Fixed Deposits	Meaning - orms of Fina - Features	Concepts – Contents of Modern Finance F Financial Plan Concept – Objectives – Types – Steps – S Sources and Forms of Finance ance: Equity Shares, Preference Shares, B – Advantages and Disadvantages- Lease	Significance –	Fund	10h lamer 10h	nours ntals	8
Business Finar Traditional and Unit:2 Financial Plan: Unit:3 Sources and Fo Fixed Deposits Features – Form	Meaning - orms of Fina - Features	Concepts – Contents of Modern Finance F Financial Plan Concept – Objectives – Types – Steps – S Sources and Forms of Finance ance: Equity Shares, Preference Shares, B – Advantages and Disadvantages- Lease and Demerits.	Significance –	Fund ures a	10h lamei 10h and g –	nours	5
Business Finan Traditional and Unit:2 Financial Plan: Unit:3 Sources and Fo Fixed Deposits Features – Form	Meaning - orms of Fina Features ns – Merits	Concepts – Contents of Modern Finance F Financial Plan Concept – Objectives – Types – Steps	Significance – Sonds, Debenti	Fund ures a	10h lamer 10h and g –	nours	S
Business Finan Traditional and Unit:2 Financial Plan: Unit:3 Sources and Fo Fixed Deposits Features – Form Unit:4 Capital Structure	Meaning - orms of Fina Features ns – Merits	Capital Structure Concepts - Meaning - Concepts - Scope - Fu Concepts - Contents of Modern Finance F Financial Plan Concept - Objectives - Types - Steps - S Sources and Forms of Finance ance: Equity Shares, Preference Shares, B - Advantages and Disadvantages- Lease and Demerits. Capital Structure al Principles of Capital structure - Tradin	Significance – Sonds, Debenter Financing: Mo	Fund ures a eanin	10h lamer 10h and g –	nours	S
Business Finan Traditional and Unit:2 Financial Plan: Unit:3 Sources and Fo Fixed Deposits Features – Form Unit:4 Capital Structure	Meaning - orms of Fina Features ns – Merits	Concepts – Contents of Modern Finance F Financial Plan Concept – Objectives – Types – Steps	Significance – Sonds, Debenter Financing: Mo	Fund ures a eanin	10h lamer 10h and g –	nours	S
Business Finan Traditional and Unit:2 Financial Plan: Unit:3 Sources and Fo Fixed Deposits Features – Form Unit:4 Capital Structure	Meaning - orms of Fina Features ns – Merits	Capital Structure Concepts - Meaning - Concepts - Scope - Fu Concepts - Contents of Modern Finance F Financial Plan Concept - Objectives - Types - Steps - S Sources and Forms of Finance ance: Equity Shares, Preference Shares, B - Advantages and Disadvantages- Lease and Demerits. Capital Structure al Principles of Capital structure - Tradin	Significance – Sonds, Debenter Financing: Mo	Fund ures a eanin	10h lamer 10h and g – 15h of Ca	nours	S S S I
Business Finan Traditional and Unit:2 Financial Plan: Unit:3 Sources and Fo Fixed Deposits Features – Form Unit:4 Capital Structur – Concept – Im Unit:5	Meaning - Meaning - Orms of Fina Features ns – Merits re – Cardin portance –	Concepts – Contents of Modern Finance F Financial Plan Concept – Objectives – Types – Steps	Significance – Sonds, Debente Financing: Mo	Fundures a eaning	10h lamer 10h and g – 15h of Ca	nours nours nours apita	S S S I
Business Finan Traditional and Unit:2 Financial Plan: Unit:3 Sources and Fo Fixed Deposits Features – Form Unit:4 Capital Structur – Concept – Im Unit:5 Capitalization	Meaning - Meaning - Orms of Fina Features ms – Merits re – Cardin portance –	Capital Structure Capital Structure Capital Structure Capitalization Capitalization	Gignificance – Sonds, Debente Financing: Mo g on Equity – Cost of Capita	Fund ures a eanin Cost al.	10h lamer 10h and g - 15h of Ca	nours nours nours nours nours	S S S S S S S S S S S S S S S S S S S
Business Finan Traditional and Unit:2 Financial Plan: Unit:3 Sources and Fo Fixed Deposits Features – Form Unit:4 Capital Structur – Concept – Im Unit:5 Capitalization	Meaning - Meaning - Orms of Fina Features ms – Merits re – Cardin portance – Bases of C lization : S	Capital Structure al Principles of Capital structure Capitalization	Gignificance – Sonds, Debente Financing: Mo g on Equity – Cost of Capita	Fund ures a eanin Cost al.	10h lamer 10h and g - 15h of Ca	nours nours nours nours nours	S S S S S S S S S S S S S S S S S S S

Uı	nit:6	Contemporary Issues	2 hours
Ex	pert lectures,	online seminars – webinars	
		Total Lecture hours	60hours
Te	ext Book(s)	·	
1	Essentials	of Business Finance - R.M. Sri Vatsava	
2	Financial I	Management – Saravanavel	
Re	eference Bo	ooks	
1	Financia	l Management - L.Y. Pandey	
2	Financial I	Management - M.Y. Khan and Jain	
3	Financial	Management - S.C. Kuchhal	
Re	elated Onli	ne Contents [MOOC, SWAYAM, NPTEL, Websites etc.]	
1			
2			
4			
Co	ourse Design	ned By:	

Mapping Cour	Mapping Course objectives and course outcomes								
	PO1	PO2	PO3	PO4	PO5				
CO1	M	L	S	S	S				
CO2	S	M	S	S	M				
CO3	S	S	S	S	S				
CO4	S	S	M	S	M				
CO5	M	S	M	M	M				

^{*}S-Strong; M-Medium; L-Low

Course code		TITLE OF THE COURSE	L	T	P	(
Elective I C		Entrepreneurial Development	4	_	-	
Pre-requisite		Basic knowledge about entrepreneurship	Sylla Vers		202	2-2
Course Object						
The main object	ctives of thi	s course are to:				
1. To underst	tand the bas	sic concepts of entrepreneurship and related initiatives				
		bout the setting up of startups				
		ne institutional services to entrepreneur				
		e about various financial support available to the entre				
		e about various subsidies and incentives available for e	entrep	reneu	ırs	
Expected Cou						
		etion of the course, student will be able to:				
	_	ace and role of entrepreneurship as an economic activit	y		K	
2 Compar	e the variou	us forms of settin <mark>g up a start</mark> up			K	2
3 Underst	and the vari	ious institutional services to entrepreneur			K	2
4 Analyze	the various	financial support available to the entrepreneurs			K	4
5 Applyin	g the variou	us subsidies and incentives available for entrepreneurs			K	3
K1 - Rememb	er; K2 - Ur	nde <mark>rstand; K3 - Apply; K4 - Analyze; K5 - Evaluate; I</mark>	X6 - C	reate		
Unit:1		Concept of Entrepreneurship		15ŀ	our	<u> </u>
function and t	ype of enti	rship: Definition Nature and characteristics of enterpreneurship phases of EDP. Development of women ding self employment of women council scheme.				
Unit:2	1 3	Start up Process		10ŀ	ours	<u> </u>
		ect identification – selection of the product – project fo alysis, Project Report.	rmula	ition		
Unit:3		Institutional Service to Entrepreneur		10l		_
		repreneur – DIC, SIDO, NSIC, SISI, SSIC, SIDCO – I	TCO			
KUIC and com			100	1, IIC	•	
Unit:4		Institutional Finance to Entrepreneur		15l		5
		repreneurs: IFCI, SFC, IDBI, ICICI, TIIC, SIDCS, LImmercial bank venture capital.	C and	GIC.)	
Unit:5	I	Incentives and Subsidies		8l	our	<u> </u>
	ce - Taxatio	Subsidied services – subsidy for market. Transport – son benefit to SSI role of entrepreneur in export promotion		d		

Uı	nit:6	Contemporary Issues	2 hours
Ex	pert lectures,	online seminars – webinars	
		Total Lecture hours	60hours
Te	ext Book(s)		
1	Entreprene	eurial Development – C.B.Gupta and N.P.Srinivasan	
2	Fundamen	tals of Entrepreneurship and Small Business –RenuArora&S.K	I.Sood
Re	eference Bo	ooks	
1	Entreprene	eurial Development – S.S.Khanka 4. Entrepreneurial Developm	ent – P.Saravanavel
2	Entreprene	eurial Development – S.G.Bhanushali	
3	Entreprene	eurial Development – Dr.N.Ramu	
Re	elated Onli	ne Contents [MOOC, SWAYAM, NPTEL, Websites etc.]	
1			
2			
4			
Co	ourse Design	ned By:	_

Mapping Course objectives and course outcomes							
	PO1	PO2	PO3	PO4	PO5		
CO1	M	S	M	S	S		
CO2	S	S	S	S	S		
CO3	S	S	M	M	S		
CO4	M	M	S	S	S		
CO5	S	M	S	S	S		

^{*}S-Strong; M-Medium; L-Low

Coursecode		TITLEOFTHECOURSE	L	T	P	C
SkillbasedSu	ıbject-3	INSURANCE AND RISK MANAGEMENT	3	-	-	3
Pre-requ	isite	Basic Knowledge of Insurance	Syllab Versi		202	22
CourseObject						-
Themain objec						
To famil	iarize the p	orinciples of insurance				
> To deve	lop an unde	erstanding about the insurance industry and the t	ypes of i	nsur	ance	
> To lay a	foundation	for the risk management				
ExpectedCour	seOutcom	es:				
Onthesuccess	ful completi	ionofthecourse, student willbe ableto:				
Explain the I	Principles o	of Insuranc <mark>e.</mark>			K2	
² Analyze the	Position of	Insur <mark>ance Ind</mark> ustry.			K2	
3		nsurance Policies.			K1	
⁴ Control Risk		THE SAFE			K2	
5 Apply releva	nt method	fo <mark>r risk Management.</mark>	M		K2	
K1-Remembe	er; K2 -Unde	rstand <mark>;K3-</mark> App <mark>ly;K4-An</mark> alyze <mark>;K5</mark> -Evalu <mark>ate;K6</mark> –Cre	ate			
Unit:1		INTRODUCTION OF INSURANCE	77	8-	-hou	rs
		ce: Role o <mark>f Insu</mark> ran <mark>ce – Characteristics</mark> of an Insur - Reinsurance – Do <mark>uble Insura</mark> nce – IT in Insuran		ζ –		
Unit:2		INDIAN INSURANCE INDUSTRY			hour	
	or Licensing	y – Reforms – Private Players to Indian Insurand g of Insurance Agents – For Protection of Policy H				
Unit:3		INSURANCE CONTRACT		8	hour	S
Life Insuranc	e: Fire and	Insurance Contract – Features, Policy Conditions Marine - Features, Policy Conditions and Produc mes- Procedure for claiming Life and Health Insur	ts. Grou			
Unit:4		RISK Management		7-	hour	'S
Introduction to	Risk Mana	gement – Concept of Risk – Types of Risk – Princi	ples of R	isk		
Management –	Risk Manaş	gement process – Objectives of Risk Management				

Unit:5	RISK Management Tools	11—hours
Risk mana	gement and control – Methods of Risk management – Risk m	nanagement by
ndividuals and c	orporations – Tools for Controlling Risk.	
	•	
Unit:6	CONTEMPORARYISSUES	2hours
	res, online seminars – webinars	Zilours
Expertiectu	TotalLecturehours	45—hours
TextBook(s)		
	, "BankingTheory, LawandPractice", Sultan&Chand Ltd.	
2 Gordonan	dNataraj, "BankingTheory,LawandPractice",HimalayaPublishin	gHouse
3 M.L.Tanr	an, "Banking Lawand Practice", Thacker & CoLtd	
ReferenceBook	is .	
1 B.S Bod	la, M.C. Garg & K.P. Singh, "Insurance - Fundamentals, Environ	ment
&Proced	lures",Deep&Deep PublicationsPvt. Ltd.,NewDelhi, 2004.	
2 M.N.Mi	shra, "Insurance–PrinciplesandPractice", S. Chand&CompanyLtd.	,NewDelhi,2006
Related Online	Contents[MOOC,SWAYAM, NPTEL,Websitesetc.]	
	www.youtube.com/watch?v=vqmMxbHufQk&list=PLH-J9IY9-	
	gsORjIFW46SANwtSDE	
	www.youtube.com/watch?v=vqmMxbHufQk	
-	•	
	ww.youtube.com/watch?v=oxzmP7sjCRQ&list=PLBbCyJkOLB hk4owllgJK6aiT2	m-
CourseDesigned	lby:	

Mapping Course objectives and course outcomes							
	PO1	PO2	PO3	PO4	PO5		
CO1	M	S	M	S	S		
CO2	S	S	S	S	S		
CO3	S	S	M	M	S		
CO4	M	M	S	S	S		
CO5	S	M	S	S	S		

^{*}S-Strong;M-Medium;L-Low



Course code	TITLE OF THE COURSE	L	Т	P	C
Core XVI	Management Information System	5	-	-	4
Pre-requisite	Basic organizational knowledge	Sylla Versi		202	2-23

The main objectives of this course are to:

- 1. To conceptualize the need and use of management information system
- 2. To provide information about integrating management information system with business strategy
- 3. To acquaint the students with various risks and mitigation strategies relating to management information system
- 4. To provide information about emerging trends in management information system
- 5. To develop practical knowledge among management information system

Expected Course Outcomes:

On the successful completion of the course, student will be able to:

id.		64
1	Recalling the various uses of management information system	K1
2	Exemplifying the integration of MIS with business strategy	K2
3	Evaluating various risks and mitigation strategies of MIS	K5
4	Analyzing the trends in MIS	K4
5	Applying practical insights about management information system	К3

K1– Remember; K2–Undestand; K3– Apply; K4– Analyze; K5– Evaluate; K6– Create

Unit:1 Role of Information Systems

20--hours

Meaning and Role of Information Systems Types of Information Systems: Operations Support Systems, Management Support Systems, Expert Systems, and Knowledge Management Systems.

Unit:2 Information Systems for Strategic Management 18--hours

Information Systems for Strategic Management: Competitive Strategy Concepts, Strategic Role of Information Systems. Integrating Information Systems with Business Strategy, Value Chain Analysis, and Strategic Information Systems Framework

Unit:3 Planning for Information Systems 17--hours

Planning for Information Systems: Identification of Applications, Business Planning Systems and Critical Success Factors, Method of Identifying Applications, Risks in Information Systems Resource Requirements for Information Systems: Hardware and CapacityPlanning, Software Needs, Procurement Options – Make or Buy decisions, Outsourcing as an Option.

Unit:4	Emerging Concepts and Issues in Information	15hours
	Systems	

Emerging Concepts and Issues in Information Systems: Supply Chain Management, Customer Relationship Management, ERP. Introduction to Data Warehousing, Data Miningand Its Applications, Emerging Concepts in Information System Design and Application

Unit:5 Research Project 18--hours
Research Project:

Each student will write a research paper on a specific Information System related issue of their choice. This paper may include the following:

- HistoricDevelopment
- Examination of Current Issues
- Exploration of the Actual or Expected Impact on Employees, Industry or Government, Presentation of available Alternatives if Applicable References

Uı	nit:6	Contemporary Issues	2 hours
Ex	pert lecture	s, online seminars – webinars	
		Total Lecture hours	90hours
Te	ext Book(s)		
1	Kenneth, La	audon& Jane Laudo <mark>n (2005).MIS: Managing the Dig</mark> ital Firm. Pearso	n Education.
2	James, A. 0	D'Brien (2005). Introductio n to Information Systems. Tata McGraw	Hill.
Re	eference Bo	oks	
1		, McLean, E. and Wetherbe, J. (2001). Information Technology for Monnections for Strategic Advantage. John Wiley and Sons.	Ianagement:
2	Jawadekai	, W. S. (20 <mark>04). Ma</mark> nagement Information Systems. Tata McGraw Hil	
Re	elated Onli	ne Contents [MOOC, SWAYAM, NPTEL, Websites etc.]	
1		W.	5
2		\	HO.
4			
		66	

Mapping with programme outcomes							
Cos	PO1	PO2	PO3	PO4	PO5		
CO1	S	S	S	S	M		
CO2	S	M	S	S	S		
CO3	S	S	S	S	S		
CO4	M	M	S	M	S		
CO5	S	M	M	S	M		

^{*}S – Strong; M – Medium; L - Low

Course Designed By:

Core-XVII JAVA programming 6			SCA	AA DA	ILD	. 23.	JO.2	
Pre-requisite Basic knowledge in computer Syllabus Version Version	Course code		TITLE OF THE COURSE	L	T	P	C	
Course Objectives: The main objectives of this course are to: 1. To provide overview about internet and related protocols 2. To provide insights about various operators 3. To provide knowledge about class fundamentals 4. To offer insights about different types of inheritance 5. To provide information about AWT classes Expected Course Outcomes: On the successful completion of the course, student will be able to: 1 Recalling various concepts about internet and related protocols K1 2 understanding various operators 3 Comparing various class fundamentals 4 Analyzing different types of inheritance 5 Understanding about various AWT classes K1 - Remember; K2 - Undestand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create Unit:1 An overview of Internet Unit:1 An overview of Internet Internet - Overview - Internet Protocols - Internet address - Internet access - Applications - Future of Internet and intranet related Applications Basic concepts of OOP - benefits of OOP Object Oriented applications of OOP - Data types, variables and arrays - Programs with input, numeric input - type conversion and casting. Unit:2 Operators - Arithmetic operators - Bitwise operators - Relational operators - Relational operators - Boolean operators - Logical operators - Assignment operators? Operators - Control statement - Selection statements - if, switch, iteration statements - while, do while, for, nested loops - jump statements, break, continue, return statements Unit:3 Class Fundamentals Class Fundamentals - Declaring Objects - Assigning Object Reference Variables - Introducing methods - Constructors - The this keyword - Garbage collection - The finalize () method. Overloading Methods - Objects as Parameters - Arguments Passing - Returning Objects - Command Line Arguments. Unit:4 Basics of Inheritance 15—hours	Core-XVII	I	JAVA programming		-	-	4	
The main objectives of this course are to: 1. To provide overview about internet and related protocols 2. To provide insights about various operators 3. To provide knowledge about class fundamentals 4. To offer insights about different types of inheritance 5. To provide information about AWT classes Expected Course Outcomes:	Pre-requisite		Basic knowledge in computer				2022-23	
1. To provide overview about internet and relatedprotocols 2. To provide insights about variousoperators 3. To provide knowledge about class fundamentals 4. To offer insights about different types ofinheritance 5. To provide information about AWTclasses Expected Course Outcomes:								
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3. To provide knowledge about class fundamentals 4. To offer insights about different types of inheritance 5. To provide information about AWT classes Expected Course Outcomes: On the successful completion of the course, student will be able to: 1 Recalling various concepts about internet and related protocols K1 2 understanding various operators K2 3 Comparing various class fundamentals K2 4 Analyzing different types of inheritance K4 5 Understanding about various AWT classes K1 - Remember; K2 - Undestand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create Unit:1 An overview of Internet Unit:1 An overview of Internet address - Internet access - Applications - Future of Internet and intranet related Applications, - Basic concepts of OOP - benefits of OOP Object Oriented applications of OOP - Data types, variables and arrays - Programs with input, numeric input - type conversion and casting. Unit:2 Operators Operators - Arithmetic operators - Bitwise operators - Relational operators - Relational operators - Boolean operators - Logical operators - Assignment operators? Operators - Control statement - Selection statements - if, switch, iteration statements - while, do while, for, nested loops - jump statements, break, continue, return statements Unit:3 Class Fundamentals Unit:3 Class Fundamentals Unit:3 Class Fundamentals Unit:3 Class Fundamentals Loss Fundamentals - Declaring Objects - Assigning Object Reference Variables - Introducing methods - Constructors - The this keyword - Garbage collection - The finalize () method. Overloading Methods - Objects as Parameters - Arguments Passing - Returning Objects - Recursion - Access Control - Static - Final - Arrays - Nested and Inner Classes - String Class - Command Line Arguments.	1. To provide	e overview	about internet and relatedprotocols					
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On the successful completion of the course, student will be able to: 1 Recalling various concepts about internet and related protocols K1 2 understanding various operators K2 3 Comparing various class fundamentals K2 4 Analyzing different types of inheritance K4 5 Understanding about various AWT classes K2 K1 - Remember; K2 - Undestand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create Unit:1 An overview of Internet 15—hours Internet - Overview -Internet Protocols - Internet address - Internet access - Applications - Future of Internet and intranet related Applications Basic concepts of OOP - benefits of OOP - Object Oriented applications of OOP - Data types, variables and arrays - Programs with input, numeric input - type conversion and casting. Unit:2 Operators 15—hours Operators - Arithmetic operators - Bitwise operators - Relational operators - Relational operators - Boolean operators - Logical operators - Assignment operators? Operators - Control statement - Selection statements - if, switch, iteration statements - while, do while, for, nested loops - jump statements, break, continue, return statements Unit:3 Class Fundamentals 15—hours Class fundamentals - Declaring Objects - Assigning Object Reference Variables - Introducing methods - Constructors - The this keyword - Garbage collection - The finalize () method. Overloading Methods - Objects as Parameters - Arguments Passing - Returning Objects- Recursion - Access Control - Static - Final - Arrays - Nested and Inner Classes - String Class - Command Line Arguments.	Expected Cou	rse Outcon	nes•					
Recalling various concepts about internet and related protocols K1								
2 understanding various operators 3 Comparing various class fundamentals 4 Analyzing different types of inheritance 5 Understanding about various AWT classes K1 - Remember; K2 - Undestand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create Unit:1 An overview of Internet Internet - Overview - Internet Protocols - Internet address - Internet access - Applications - Future of Internet and intranet related Applications Basic concepts of OOP - benefits of OOP - Object Oriented applications of OOP - Data types, variables and arrays - Programs with input,numeric input - type conversion and casting. Unit:2 Operators Operators - Arithmetic operators - Bitwise operators - Relational operators - Relational operators - Boolean operators - Logical operators - Assignment operators? Operators - Control statement - Selection statements - if, switch, iteration statements - while, do while, for, nested loops - jump statements, break, continue, return statements Unit:3 Class Fundamentals Unit:3 Class Fundamentals Unit:4 Basics of Inheritance 15—hours Unit:4 Basics of Inheritance 15—hours		-				K	1	
4 Analyzing different types of inheritance 5 Understanding about various AWT classes K1 - Remember; K2 - Undestand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create Unit:1 An overview of Internet Internet - Overview - Internet Protocols - Internet address - Internet access - Applications - Future of Internet and intranet related Applications, - Basic concepts of OOP - benefits of OOP - Object Oriented applications of OOP - Data types, variables and arrays - Programs with input, numeric input - type conversion and casting. Unit:2 Operators Operators - Arithmetic operators - Bitwise operators - Relational operators - Relational operators - Boolean operators - Logical operators - Assignment operators? Operators - Control statement - Selection statements - if, switch, iteration statements - while, do while, for, nested loops - jump statements, break, continue, return statements Unit:3 Class Fundamentals Unit:3 Class Fundamentals Class fundamentals - Declaring Objects - Assigning Object Reference Variables - Introducing methods - Constructors - The this keyword - Garbage collection - The finalize () method. Overloading Methods - Objects as Parameters - Arguments Passing - Returning Objects - Recursion - Access Control - Static - Final - Arrays - Nested and Inner Classes - String Class - Command Line Arguments. Unit:4 Basics of Inheritance 15—hours			-			K	2	
K2 K1 - Remember; K2 - Undestand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create	3 Compar	ing various	clas <mark>s fundamentals</mark>			K2		
Unit:1 An overview of Internet Internet – Overview – Internet Protocols – Internet address – Internet access – Applications – Future of Internet and intranet related Applications. – Basic concepts of OOP – benefits of OOP – Object Oriented applications of OOP – Data types, variables and arrays – Programs with input, numeric input – type conversion and casting. Unit:2 Operators Operators Operators – Arithmetic operators – Bitwise operators – Relational operators – Relational operators – Boolean operators – Logical operators – Assignment operators? Operators – Control statement – Selection statements – if, switch, iteration statements – while, do while, for, nested loops – jump statements, break, continue, return statements Unit:3 Class Fundamentals I5—hours Class fundamentals – Declaring Objects – Assigning Object Reference Variables – Introducing methods – Constructors – The this keyword – Garbage collection – The finalize () method. Overloading Methods – Objects as Parameters – Arguments Passing – Returning Objects – Recursion – Access Control – Static – Final – Arrays – Nested and Inner Classes – String Class – Command Line Arguments. Unit:4 Basics of Inheritance 15—hours	4 Analyzi	ng differen	t ty <mark>pes of inh</mark> eritance			K4		
Unit:1	5 Underst	Understanding about various AWT classes				K	2	
Internet – Overview –Internet Protocols – Internet address – Internet access – Applications – Future of Internet and intranet related Applications. – Basic concepts of OOP – benefits of OOP – Object Oriented applications of OOP – Data types, variables and arrays – Programs with input, numeric input – type conversion and casting. Unit:2 Operators Operators – Relational operators – Relational operators – Relational operators – Boolean operators – Logical operators – Assignment operators? Operators – Control statement – Selection statements – if, switch, iteration statements – while, do while, for, nested loops – jump statements, break, continue, return statements Unit:3 Class Fundamentals Unit:3 Class Fundamentals Declaring Objects – Assigning Object Reference Variables – Introducing methods – Constructors – The this keyword – Garbage collection – The finalize () method. Overloading Methods – Objects as Parameters – Arguments Passing – Returning Objects – Recursion – Access Control – Static – Final – Arrays – Nested and Inner Classes – String Class – Command Line Arguments. Unit:4 Basics of Inheritance 15—hours	K1 - Rememb	er; K2 - U	n <mark>destan</mark> d; K3 - Apply; K4 - An <mark>alyze</mark> ; <mark>K5 - Eva</mark> luate; I	K6 - C	reate			
Internet – Overview –Internet Protocols – Internet address – Internet access – Applications – Future of Internet and intranet related Applications. – Basic concepts of OOP – benefits of OOP – Object Oriented applications of OOP – Data types, variables and arrays – Programs with input, numeric input – type conversion and casting. Unit:2 Operators Operators – Relational operators – Relational operators – Relational operators – Boolean operators – Logical operators – Assignment operators? Operators – Control statement – Selection statements – if, switch, iteration statements – while, do while, for, nested loops – jump statements, break, continue, return statements Unit:3 Class Fundamentals Unit:3 Class Fundamentals Declaring Objects – Assigning Object Reference Variables – Introducing methods – Constructors – The this keyword – Garbage collection – The finalize () method. Overloading Methods – Objects as Parameters – Arguments Passing – Returning Objects – Recursion – Access Control – Static – Final – Arrays – Nested and Inner Classes – String Class – Command Line Arguments. Unit:4 Basics of Inheritance 15—hours								
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Operators – Arithmetic operators – Bitwise operators – Relational operators – Relational operators – Boolean operators – Logical operators – Assignment operators? Operators – Control statement – Selection statements – if, switch, iteration statements – while, do while, for, nested loops – jump statements, break, continue, return statements Unit:3 Class Fundamentals Class Fundamentals Class Fundamentals Class Fundamentals Objects – Assigning Object Reference Variables – Introducing methods – Constructors – The this keyword – Garbage collection – The finalize () method. Overloading Methods – Objects as Parameters – Arguments Passing – Returning Objects – Recursion – Access Control – Static – Final – Arrays – Nested and Inner Classes – String Class – Command Line Arguments. Unit:4 Basics of Inheritance 15—hours		1 10		1				
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methods – Constructors – The this keyword – Garbage collection – The finalize () method. Overloading Methods – Objects as Parameters – Arguments Passing – Returning Objects– Recursion – Access Control – Static – Final – Arrays – Nested and Inner Classes – String Class – Command Line Arguments. Unit:4 Basics of Inheritance 15—hours								
Overloading Methods – Objects as Parameters – Arguments Passing – Returning Objects– Recursion – Access Control – Static – Final – Arrays – Nested and Inner Classes – String Class – Command Line Arguments. Unit:4 Basics of Inheritance 15—hours						J		
- Command Line Arguments. Unit:4 Basics of Inheritance 15—hours			· ·	**				
Unit:4 Basics of Inheritance 15—hours			· · · · · · · · · · · · · · · · · · ·	es - Stri	ing C	lass		
	— Command Li	ne Argume	nts.					
	Unit:4	1	Basics of Inheritance		15—	hou	rs	
Then there is the $N = 1.8000$. Then $= 1.160000$ a point of the fall $0.0 = 0.0000$ and 0.000								

– Method Overriding – Dynamic Method Dispatch – Using Abstract Classes – Using final with Inheritance – The Object Class. Packages – Access Protection – Importing Packages – Interfaces. Unit:5 **Fundamentals of Windows and Applet** 13--hours AWT classes – Windows fundamentals – Working with Frame windows – Working with graphics - Paint Mode - Fonts - Text and Graphics - AWT Controls - Labels - Buttons - Menus Handling Events by Extending AWT Components. Applet fundamentals – Applet Class – Understanding HTML Applet Tag Unit:6 **Contemporary Issues** 2 hours Expert lectures, online seminars - webinars **Total Lecture hours** 75--hours Text Book(s) Internet and Intranet Engineering – Daniel Minoli – Tata McGraw Hill, 1999 Java – The complete Reference, Patrick Naughton Herbert Schildt, Tata McGraw Hill. **Reference Books** Programming with Java – John R Hubbard – Schuam's Outline Series Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.] 2 4 Course Designed By:

Mapping with programme outcomes								
Cos	PO1	PO2	PO3	PO4	PO5			
CO1	S	S	S	S	S			
CO2	S	S	M	M	S			
CO3	S	M	S	S	M			
CO4	M	S	S	M	S			
CO5	S	S	S	S	M			

^{*}S – Strong; M – Medium; L - Low

Cou	rse code	TITLE OF THE COURSE	L	T	P	C
Core	XVIII	-	-	4	4	
Pre	-requisite	Basic knowledge in JAVA		abus : sion	2022	2-23
Cou	rse Objective	s:				
The	main objectiv	es of this course are to:				
2. 7	Γo do mathem	working using JAVA programming attical calculations using JAVA nking transactions using JAVA				
	ected Course	<u> </u>				
On	the successful	completion of the course, student will be able to:				
1	Understand	using JAVA programming			K	2
2	Applying J.	AVA for mathematical purposes			K	.3
3	Applying J.	AVA for analyzing employee payroll			K	.3
4	Applying Ja	ava for banking transact <mark>ions</mark>			K	.3
5	Applying J.	AVA for simple spread sheet			K	:3
K1	- Remember;	K2 - Undestand; K3 - Apply; K4 - Analyze; K5 - Evaluate;	K6 - C1	reate		

60--hours

- 1. Write a program to check whether a given number is prime ornot.
- 2. Write a program to check whether the given year is leap year ornot.
- 3. Write a program to find the Sum of the series $x+x^2/2!+x^3/3!+...+x^n/n!$

Computer Appl<mark>ica</mark>tions : Java Script – Practical III

- 4. Write a program to find and replace a word with astring.
- 5. Write a program to prepare the mark list using Inheritance.
- 6. Create a simple calculator applet that implements the 4 basic mathematical function
- 7. Write a JAVA applet to calculate the payroll ofemployees.
- 8. Write a JAVA applet to create a simple spreadsheet.
- 9. Create a program to perform Banking Transactions.
- 10. Create a Program to display the resume of employees

Mapping with programme outcomes									
Cos	PO1	PO2	PO3	PO4	PO5				
CO1	S	S	S	S	S				
CO2	S	S	S	S	S				
CO3	S	S	S	S	S				
CO4	S	S	S	S	S				
CO5	S	S	S	S	S				

^{*}S – Strong; M – Medium; L - Low

Course code		TITLE OF THE COURSE	L	T	P	(
Elective II A		Financial Management	3	-	-	
Pre-requisite	requisite Basic knowledge in finance Syllabus Version				2022-2	
Course Object	tives:			•		
The main object	ctives of thi	is course are to:				
1. To concep	tualize vari	ious aspects of financial management				
-		on about various source of financing				
		l structure of a business using various theories				
		on about working capital management of the busin	iess			
5. To provide	e knowledg	ge about dividend decision				
Expected Cou	rse Outcor	mes.	,			
		etion of the course, student will be able to:				
1 Recallin	g various c	concepts and term <mark>inologies in</mark> financial managemen	nt		K	1
2 Compar	ing various	s source of financing			K	2
3 Analyzi	ng the capi	tal structure of a business			K	4
4 Underst	anding the	working capital position of a business			K	2
5 Analyzi	ng differen	t dividend policies			K	4
K1 - Rememb	er; K2 - Uı	<mark>ndestan</mark> d; K3 - Apply; K4 - Analy <mark>ze; K5</mark> - <mark>Eva</mark> lua	te; K6 - C	'reate		
				•		
Unit:1	. 74	Evolution of Financial Management & Capital		7(1)h	ours	
Omt.1		Budgeting	M	2011		
	nancial-ma	Budgeting Budgeting				
Evolution of fir budgeting: Cap	ital Budget	Budgeting nagement, scope and objectives of financial management, Process, Project formulation & Project Selection	gement. C	Capital luction	n to	
Evolution of fit budgeting: Cap Various Capita	ital Budget l Budgeting	Budgeting nagement, scope and objectives of financial manageting Process, Project formulation & Project Selecting Techniques; Payback Period Method, Average reconstruction	gement. C	Capital luction	n to	
Evolution of fit budgeting: Cap Various Capita	ital Budget l Budgeting	Budgeting nagement, scope and objectives of financial management, Process, Project formulation & Project Selection	gement. C	Capital luction	n to	
Evolution of fit budgeting: Cap Various Capita Present Value	ital Budget l Budgeting	Budgeting nagement, scope and objectives of financial management, scope and scope and objectives of financial management, scope and scope	gement. Con, Introducte of retu	Capital Luction rn, No	n to et	
Evolution of fir budgeting: Cap Various Capita Present Value 1	oital Budget I Budgeting method, IR	Budgeting nagement, scope and objectives of financial management, scope and scope and objectives of financial management, scope and scope	gement. Con, Introduction, Introduction	Capital luction rn, No	n to et nours	
Evolution of fir budgeting: Cap Various Capita Present Value 1 Unit:2 Sources of Lon	ital Budget l Budgeting method, IR g term fund	Budgeting nagement, scope and objectives of financial management, scope and objectives of Selecting Process, Project formulation & Project Selecting Techniques; Payback Period Method, Average range R, Benefit-Cost Ratio, Capital Rationing. Sources of Long term funds ds: Equity shares, Preference shares, Debentures, F	gement. Con, Introduction, Introduction	Capital luction rn, No	n to et nours	
Evolution of fit budgeting: Cap Various Capita Present Value Duit:2 Sources of Lon	ital Budget l Budgeting method, IR g term fund	Budgeting nagement, scope and objectives of financial management, scope and scope and objectives of financial management, scope and scope	gement. Con, Introduction, Introduction	Capital luction rn, No	n to et nours	
Evolution of fir budgeting: Cap Various Capita Present Value 1 Unit:2 Sources of Lon	ital Budget l Budgeting method, IR g term fund g long term	Budgeting nagement, scope and objectives of financial management, scope and objectives of Selecting Process, Project formulation & Project Selecting Techniques; Payback Period Method, Average range R, Benefit-Cost Ratio, Capital Rationing. Sources of Long term funds ds: Equity shares, Preference shares, Debentures, F	gement. Con, Introduction, Introduction	Capital luction rn, No 18—I	n to et nours	
Evolution of fit budgeting: Cap Various Capita Present Value Tunit:2 Sources of Lon factors affectin Unit:3 Lease financin	ital Budget I Budgeting method, IR g term func g long term	Budgeting nagement, scope and objectives of financial management, scope and objectives of financial management, project formulation & Project Selecting Techniques; Payback Period Method, Average range R, Benefit-Cost Ratio, Capital Rationing. Sources of Long term funds ds: Equity shares, Preference shares, Debentures, For funds requirements. Lease Financing and Capital Structure pt, types. Advantages and disadvantages of Institute Project Selection of Institute Project Project Selection of Institute Project Project Project Selection of Institute Project Proje	gement. Con, Introducte of return Public dep	Capital luction rn, No.	n to et nours	
Evolution of fit budgeting: Cap Various Capita Present Value Tunit:2 Sources of Lon factors affectin Unit:3 Lease financia Structure: Determine Determine Capital Structure Capital Structure Capital Structure Capital Structure Capital C	g term fund g long term	Budgeting nagement, scope and objectives of financial management, scope and objectives of financial management, scope and objectives of financial management, scope and objectives of financial management for certain project Selecting Techniques; Payback Period Method, Average rank, Benefit-Cost Ratio, Capital Rationing. Sources of Long term funds des: Equity shares, Preference shares, Debentures, Financial funds requirements. Lease Financial and Capital Structure pt, types. Advantages and disadvantages of Capital Structure, Capital Structure Theories,	gement. Con, Introducte of return Public dep	Capital luction rn, No.	n to et nours	
Evolution of fit budgeting: Cap Various Capita Present Value 1 Unit:2 Sources of Lon factors affectin Unit:3 Lease financin Structure: Determine Capital Structure Capital C	g term fund g long term	Budgeting nagement, scope and objectives of financial management, scope and objectives of financial management, scope and objectives of financial management, scope and objectives of financial management for certain project Selecting Techniques; Payback Period Method, Average rank, Benefit-Cost Ratio, Capital Rationing. Sources of Long term funds des: Equity shares, Preference shares, Debentures, Financial funds requirements. Lease Financial and Capital Structure pt, types. Advantages and disadvantages of Capital Structure, Capital Structure Theories,	gement. Con, Introducte of return Public dep	Capital luction rn, No.	n to et nours	
Evolution of fit budgeting: Cap Various Capita Present Value Tunit:2 Sources of Lon factors affectin Unit:3 Lease financin	g term func g long term ng: Conceptromants of Financial L	Budgeting nagement, scope and objectives of financial management, scope and objectives of financial management, scope and objectives of financial management, scope and objectives of financial management for certain project Selecting Techniques; Payback Period Method, Average rank, Benefit-Cost Ratio, Capital Rationing. Sources of Long term funds des: Equity shares, Preference shares, Debentures, Financial funds requirements. Lease Financial and Capital Structure pt, types. Advantages and disadvantages of Capital Structure, Capital Structure Theories,	gement. Con, Introducte of return Public dep	capital luction rn, No. 18—1 cosits, Capit	n to et nours	*S
Evolution of fire budgeting: Cap Various Capita Present Value of Unit:2 Sources of Long factors affecting Unit:3 Lease financing Structure: Determined and Unit:4	g term func g long term g: Conceperminants of	Budgeting nagement, scope and objectives of financial management, scope and objectives of financial management process, Project formulation & Project Selecting Techniques; Payback Period Method, Average rank, Benefit-Cost Ratio, Capital Rationing. Sources of Long term funds ds: Equity shares, Preference shares, Debentures, Financing and Capital Structure pt, types. Advantages and disadvantages of Capital Structure, Capital Structure Theories, Leverage.	gement. Con, Introducte of return Public deputer deput	capital luction rn, No. 18—1 cosits, Capital C	n to et nours hours al al	*S
Evolution of fire budgeting: Cap Various Capita Present Value a Unit:2 Sources of Lon factors affecting Unit:3 Lease financing Structure: Detection of London and Unit:4 Working Capit	g term func g long term g long term g: Concepterminants of Financial L	Budgeting nagement, scope and objectives of financial management, scope and objectives of financial management process, Project formulation & Project Selecting Techniques; Payback Period Method, Average rank, Benefit-Cost Ratio, Capital Rationing. Sources of Long term funds ds: Equity shares, Preference shares, Debentures, For funds requirements. Lease Financing and Capital Structure pt, types. Advantages and disadvantages of professional Structure, Capital Structure Theories, Leverage. Working Capital	gement. Con, Introducte of return Public deputer deput	capital luction rn, No. 18—1 cosits, Capital C	n to et nours hours al al	*S
Evolution of fire budgeting: Cap Various Capita Present Value of Unit:2 Sources of Long factors affecting Unit:3 Lease financing Structure: Detection Operating and Unit:4 Working Capit	g term func g long term ng: Concepterminants of Financial L	Budgeting nagement, scope and objectives of financial management, scope and objectives of financial management and Process, Project formulation & Project Selecting Techniques; Payback Period Method, Average range R, Benefit-Cost Ratio, Capital Rationing. Sources of Long term funds ds: Equity shares, Preference shares, Debentures, For funds requirements. Lease Financing and Capital Structure pt, types. Advantages and disadvantages of Capital Structure, Capital Structure Theories, Leverage. Working Capital ts, factors affecting working capital requirements,	gement. Con, Introducte of return Public deputer deput	lapital luction rn, No. 18—1 l	n to et nours hours al al	rs

Unit:6 Contemporary Issues Expert lectures, online seminars - webinars Total Lecture hours 90hours Text Book(s) 1 N Maheshwari, Financial Management Principles and Practice. 2 Khan and Jain, Financial Management. Reference Books 1 Sharma and Sashi Gupta, Financial Management. 2 IM Pandey, Financial Management. Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.] 1 2 4			
Text Book(s) 1 N Maheshwari, Financial Management Principles and Practice. 2 Khan and Jain, Financial Management. Reference Books 1 Sharma and Sashi Gupta, Financial Management. 2 I M Pandey, Financial Management. Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.] 1 2	Unit:6	Contemporary Issues	2 hours
Text Book(s) 1 N Maheshwari, Financial Management Principles and Practice. 2 Khan and Jain, Financial Management. Reference Books 1 Sharma and Sashi Gupta, Financial Management. 2 I M Pandey, Financial Management. Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.] 1 2	Expert lectur	es, online seminars - webinars	
Text Book(s) 1 N Maheshwari, Financial Management Principles and Practice. 2 Khan and Jain, Financial Management. Reference Books 1 Sharma and Sashi Gupta, Financial Management. 2 I M Pandey, Financial Management. Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.] 1 2			
1 N Maheshwari, Financial Management Principles and Practice. 2 Khan and Jain, Financial Management. Reference Books 1 Sharma and Sashi Gupta, Financial Management. 2 I M Pandey, Financial Management. Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.] 1 2		Total Lecture hours	90hours
Reference Books Sharma and Sashi Gupta, Financial Management. I M Pandey, Financial Management. Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.] 1 2	Text Book(s		
Reference Books 1 Sharma and Sashi Gupta, Financial Management. 2 I M Pandey, Financial Management. Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.] 1 2	1 N Mahesh	wari, Financial Management Principles and Practice.	
1 Sharma and Sashi Gupta, Financial Management. 2 I M Pandey, Financial Management. Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.] 1 2	2 Khan and .	Jain, Financial Management.	
1 Sharma and Sashi Gupta, Financial Management. 2 I M Pandey, Financial Management. Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.] 1 2			
1 Sharma and Sashi Gupta, Financial Management. 2 I M Pandey, Financial Management. Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.] 1 2			
2 I M Pandey, Financial Management. Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.] 1 2	Reference B	ooks	
Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.] 1 2	1 Sharma an	d Sashi Gupta, Financial Management.	
1 2	2 I M Pande	y, Financial Management.	
1 2			
	Related Onl	ine Contents [MOOC, SWAYAM, NPTEL, Websites etc.]	
	1		
4	2		
S.E. C.	4		
		S.E. C.	

	Mapping Course objectives and course outcomes									
1	PO1	PO2	PO3	PO4	PO5					
CO1	S	S	S	S	M					
CO2	S	M	S	S	S					
CO3	M	S	M	S	S					
CO4	S	S	S	S	M					
CO5	S	M	S	S	S					

^{*}S-Strong; M-Medium; L-Low

Course code		TITLE OF THE COURSE	L	T	P	(
Elective II B	ive II B Financial Markets 3					
Pre-requisite Basic knowledge about financi			Sylla Vers		202	2-2
Course Object						
The main object	ctives of thi	s course are to:				
1. To unders	tand the bas	sic concepts of financial market				
		ng and components of corporate securities market				
		ioning of stock exchanges in India				
		of banks and intermediaries in financial market				
		bout the new models and innovative trends in finance	ang			
On the succes		etion of the course, student will be able to:				
					K	1
		ncepts of financial market				
		ng and components of corporate securities market			K	
		functioning of stock exchanges in India			K	
		ole <mark>of banks and intermediaries in financia</mark> l market			K	
5 Apply v	arious trend	ds and new models in financing			K	3
K1 - Rememb	er; K2 - Ur	nde <mark>rstand; K3 - Apply; K4 - Analyze; K5 -</mark> Evaluat	e; K6 - (Create	;	
			•			
Unit:1		Structure of Financial Markets			ours	
India – India	n Capital I	Markets – Difference between Money Market an of Indian Money Markets and Structure of Capital	d Capit	al Ma		
Unit:2	1	Markets for Corporate Securities	///	18—ł	ours	
	rporate Sec	curities – New Issue Markets – Functions Issue Med			Iours	
	-	and Functions of Merchant Bankers in India – Under				
Unit:3		Secondary Markets		17—	-houi	`S
		k Exchange – Role of Secondary Market – Trading		k Excl	hange	-
Various Specul	lative Trans	sactions – Role of SEBI – Regulation of Stock Exch	ange.			
Unit:4	<u> </u>	Financial Intermediaries	Т	15	b 0	
		ediaries – Commercial Banks Role in Financing – I	DDI II		-houi	
		cuiarics — Commiciciai Danks Roic in Finalichie — I	וו – זמט		LIC.	_
Banks as Finan		s – Investments Companies.				
Banks as Finan	<u> Iutual Fund</u>			18—	-houi	'S
Banks as Finan GIC – UTI – M Unit:5	Iutual Fund	s – Investments Companies.	 - Ventu			

Uni	it:6	Contemporary Issues	2 hours					
Exp	Expert lectures, online seminars - webinars							
		Total Lecture hours	90hours					
Tex	t Book(s)							
1	Essentials	of Business Finance - R.M. Sri Vatsava						
2	Financial N	Management - Saravanavel						
3	Financial N	Management - M.Y. Khan and Jain						
4	Financial N	Management Theory and Practice - Prasanna Chandra						
Ref	ference Bo	oks						
1	Financial N	Management - L.Y. Pandey						
2	Financial N	Management - S.C. Kuchhal						
3	Principles	of Financial Management - S.N. Maheshwari						
Rel	ated Onli	ne Contents [MOOC, SWAYAM, NPTEL, Websites etc.]						
1								
2								
4								

	Mapping Course objectives and course outcomes										
	PO1	PO2	PO3	PO4	PO5						
CO1	S	M	S	S	S						
CO2	S	M	S	S	S						
CO3	S	S	M	S	S						
CO4	S	S	S	M	M						
CO5	S	M	S	S	S						

^{*}S-Strong; M-Medium; L-Low

Course code		TITLE OF THE COU	RSE	L	Т	P	\mathbf{C}
Elective II C		Investment Manageme	ent	3	-	-	5
Pre-requisite	:	Basic investment knowle	edge	Sylla Vers		2022	2-23
Course Object							
The main object	ctives of thi	s course are to:					
		s alternatives of investment					
		classification of investment market					
_		ital analysis before investing					
	•	ypes of fundamental analysis					
5. To underst	tana about o	optimum portfolio construction and m	anagement				
Expected Cour	rse Outcon	nec•					
		etion of the course, student will be able	e to:				
1 Recallin	g various a	Iternatives of investment				K	1
2 Compar	ing the feat	ures of various investment markets				K	2
3 Analyzii	ng investme	ents <mark>using fundamental analysis</mark>				K	4
4 Applyin	g technical	analysis for evaluating investments	0.1			K	3
5 Analysii	ng an optim	um portfolio for investment	13			K	4
K1 - Rememb	er; K2 - Ur	n <mark>destan</mark> d; K3 - Apply; K4 - Anal <mark>yze</mark> ; l	<mark>K5 - Eva</mark> luate; K	6 - C1	reate		
Unit:1	10	Introduction of Investment		1	20—	hom	•6
	oices and Δ	lternatives; Forms of Investment; Inve	estment in Finance				
THE PRIMERIE IN					sscis,		
Money market	and Capital	l M <mark>arket Investment Instruments; Inve</mark> sk:	estment Objective	es;			
	and Capital		estment Objective	es;			
Money market	and Capital		estment Objective		18—	hour	rs
Money market Investment-Ret Unit:2 Investment M Securities; Ope	and Capital turn and Ris Iarket; Prin erations of l kets and Br	sk;	Issue Market; gin Securities; M	echan	List ics o	ting o	
Money market Investment-Ret Unit:2 Investment M Securities; Ope Investing; mark Guidelines of S	and Capital turn and Ris Iarket; Prin erations of l kets and Br SEBI;	Investment Market nary and Secondary Markets; New India Stock Market; Cost of Investing okers; Regulation and Control over in	Issue Market; gin Securities; M	echan t; Rol	List ics o e and	ting of	of
Money market Investment-Ret Unit:2 Investment M Securities; Ope Investing; mark Guidelines of S Unit:3	and Capital turn and Ris Iarket; Prin erations of I kets and Br SEBI;	Investment Market nary and Secondary Markets; New India Stock Market; Cost of Investing okers; Regulation and Control over in	Issue Market; gin Securities; M nvestment marke	echan t; Rol	List ics o e and	ing of	of rs
Money market Investment-Ret Unit:2 Investment M Securities; Ope Investing; mark Guidelines of S Unit:3 Fundamental A	and Capital turn and Ris farket; Prin erations of l kets and Br SEBI;	Investment Market nary and Secondary Markets; New India Stock Market; Cost of Investing okers; Regulation and Control over in	Issue Market; gin Securities; M nvestment marke	echan t; Rol	List ics o e and	ing of	of rs
Money market Investment-Ret Unit:2 Investment M Securities; Ope Investing; mark Guidelines of S Unit:3 Fundamental A	and Capital turn and Ris Iarket; Prin erations of I kets and Br SEBI; Inalysis; Va Decision; Sy	Investment Market nary and Secondary Markets; New India Stock Market; Cost of Investing okers; Regulation and Control over in Fundamental Analysis Iluation Theories of Fixed and Variable	Issue Market; gin Securities; M nvestment marke	echan t; Rol	List ics o e and	ting of f l hour	rs is
Money market Investment-Ret Unit:2 Investment M Securities; Ope Investing; mark Guidelines of S Unit:3 Fundamental A in Investment I Unit:4 Stock Market A	and Capital turn and Risturn and Brations of Italian and SEBI; Inalysis; Vanalysis; Vanalysis; Vanalysis Technology	Investment Market nary and Secondary Markets; New India Stock Market; Cost of Investing okers; Regulation and Control over in Fundamental Analysis Iluation Theories of Fixed and Variable systematic and Unsystematic Risk;	Issue Market; gin Securities; M nvestment marke le Income Securit eory; Weak and Se	echant; Rol	Listics of e and 17—iskAr	ting of f l -hour nalys:	rs is
Money market Investment-Ret Unit:2 Investment M Securities; Ope Investing; mark Guidelines of S Unit:3 Fundamental A in Investment I Unit:4 Stock Market A	and Capital turn and Ris turn and Ris farket; Prin erations of l kets and Br SEBI; analysis; Va Decision; Sy analysis- Tec rket; Investr	Investment Market nary and Secondary Markets; New India Stock Market; Cost of Investing okers; Regulation and Control over in Fundamental Analysis Iluation Theories of Fixed and Variably stematic and Unsystematic Risk; Stock Market Analysis Chnical Approach; Efficient Market The	Issue Market; gin Securities; M nvestment marke le Income Securit eory; Weak and Se	echant; Rol	List ics of e and 17—iskAr	ting of f l -hour nalys:	rs is

Uı	Jnit:6 Contemporary Issues		2 hours
Ex	pert lecture	s, online seminars - webinars	
		Total Lecture hours	90hours
Te	ext Book(s)		
1	Alexander,	Gordon J. and Sharpe, William F. (1989), "Fundamental of Invest	ments",
	Prentice Ha	all Inc, Englewood Cliffs, New Jersey. (Pearson Education).	
	6. Haugen,	Robert, H. (198), "Modern Investment Theory", Prentice Hall Inc	, Englewood
	~		
_		Jersey. (Pearson Education).	
2		X, (2005), "Investment Management Security Analysis and Portfolio	Management", 8th Ed
3	S. Chand, N		
3	Ellon, Edwi	n, J. and Gruber, Martin, J. (1984), "Modern Portfolio theory and	
D.	eference Bo	alra	
K			
1		Donald, E. and Jordan, Ronald, J. (1995), "Security Analysis and	d Portfolio
		ent", 6th Ed, Pearson Education.	
2		issell, J. and Farrell, James, L. (1993), "Modern Investment and	
	Security A	Analysis", McGraw Hill, New York.	
_	1 1 1 0 11		
	elated Onlii	ne Contents [MOOC, SWAYAM, NPTEL, Websites etc.]	
1			
2		M	
4		- /	

	Mapping Course objectives and course outcomes								
	PO1	PO2	PO3	PO4	PO5				
CO1	S	S	S	S	S				
CO2	S	M	S	S	S				
CO3	M	S	M	S	S				
CO4	S	S	M	M	M				
CO5	S	M	S	S	S				

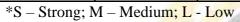
^{*}S – Strong; M – Medium; L - Low

Course code TITLE OF THE COURSE L T P							
Elective III A	Income Ta	x and Law practice	3	-	-	5	
Pre-requisite	Basic kr	Basic knowledge in law			2022-23		
Course Object	ves:						
The main objec	ives of this course are to:						
2. To familiar3. To underst	nd the various concepts of income ze with calculation if income und and the process of set off and carry	er different heads / forward of losses while comp	uting t		incor	ne	
	the set off and carry forward of le		ıl incor	ne			
	self-assessment of income and ta	x computation					
Expected Cour		. 111 11 .					
On the successful completion of the course, student will be able to:							
1 Recall the various terminologies related to income tax					K		
2 Understand the method of calculating and levying tax				K			
3 Apply the various tax laws and available provisions in tax computations				K	3		
4 Apply the set off and carry forward of losses while calculating personal income					K	3	
5 Analyse self-assessment of income and tax computation				K	4		
K1 - Remembe	r; K2 - Understand; K3 - Apply;	K4 - Analyze; K5 - Evaluate; l	K6 - C1	reate			
Unit:1	Income Tax				ours		
	t – Defin <mark>ition of Income – Assess</mark> arge of Tax – Residential Status -		Assesse	ee – S	Scope	<u> </u>	
Unit:2	Heads of Income		18	8—h	ours		
	: Income from Salaries – Income	from House Property.	7				
	2	18/					
Unit:3	Profits and Gains of Bu	siness or Profession	-	17—	hour	`S	
Profit and Gains	of Business or Profession - Incom	ne from Other Sources.					
TT 14 4	W 6			1 =			
Unit:4		tal Gains		15—	hour	'S	
Capital Gains –	Deductions from Gross Total Inco	ome.					
	Set off and Carry forwa	ard of losses	-	18—	hour	'S	
Unit:5		of Income- Computation of Ta	ax liab	ility	_		
	torward of losses – Aggregation			-			
Set off and Carr		Issues		2	hou	rs	
Set off and Cara Assessment of I	ndividuals.	·		2	hou	rs	
Set off and Carr Assessment of I	ndividuals. Contemporary	Total Lecture hours	9		hou hour		

B.Com. Information Technology Syllabus w.e.f. 2022-23 onwards - Affiliated Colleges - Annexure No.44F SCAA DATED: 23.06.2021

1	Gaur and Narang, "Income Tax Law and Practice" Kalyani publishers New Delhi
Re	eference Books
1	Dr. HC Mehrotra, "Income-tax Law and Accounts" SahithyaBhavan publishers
Re	elated Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]
1	
2	
4	
Co	ourse Designed By:

Mapping Programme outcomes					
	PO1	PO2	PO3	PO4	PO5
CO1	S	S	L	L	L
CO2	S	S	L	M	M
CO3	S	M	M	L	L
CO4	S	S	L	M	M
CO5	S	M	M	L	L



Course code TITLE OF THE COURSE L						C	
Elective III B		Banking Law and Practice	3	-	-		
Pre-requisite		Basic knowledge in Banking	1 -	Syllabus Version		2022-23	
Course Object	ives:						
The main objec	tives of thi	s course are to:					
 To underst To provide To analyze 	and the base insights all the variou	e about the working of banking industry sic understanding of loan disbursement policies of bacout various documents used in banking services is loan related process and formalities of banks givarious kind of documents involved in banking services.					
Expected Cour							
		etion of the course, student will be able to:					
1 Rememb	ering the v	various terms and concepts used in banking industry			K	.1	
		various process and activities of commercial banks			K	2	
3 Executin	g various ι	use of documents for easy and simple banking			K	3	
4 Analyze the various loan related process and formalities of banks				K	4		
5 Classifying	g various k	ind of documents involved in banking services			K	2	
Unit:1 Definition of b	anker and	Banker and Customer customer – Relationships between banker and custor	ner – sr	20 —		rs	
		regulation Act 1949. Secrecy of customer Account.	P				
Unit:2		Banking Concepts	r.V	18—	houi	rs	
		cial types of customer – types of deposit – Bank F g banker – banker lien.	Pass boo	ok –			
Unit:3	7	Cheque		17—	hou	rs	
of cheques statu	itory protec	ls of valid cheque – crossing – making and endorsenction duties to paying banker and collective banker - older & holder id due course.		•	ent		
Unit:4]	Loans and Advances by Commercial Bank		15—	hou	rs	
		mercial bank lending policies of commercial bank - Fond advance against the documents of title to goods - m			ies –		
		244 60 4		18_	hour	rc	
Unit:5	ı	Position of Surety		10		เอ	
	ty – Letter	of credit – Bills and supply bill. Purchase and discou	ınting b				

E	xpert lectures, online seminars - webinars
	Total Lecture hours 90hours
Te	ext Book(s)
1	Sundharam and Varshney, Banking theory Law & Practice, Sultan Chand & Sons., New
	Delhi.
2	Basu: Theory and Practice of Development Banking
3	Reddy & Appanniah: Banking Theory and Practice
R	eference Books
1	Natarajan& Gordon: Banking Theory and Practice
2	Banking Regulation Act, 1949.
3	Reserve Bank of India, Report on currency and Finance 2003-2004.
R	elated Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]
1	
2	
4	
C	ourse Designed By:

Mapping Programme ou <mark>tcomes</mark>						
	PO1	PO2	PO3	PO4	PO5	
CO1	S	S	S	S	S	
CO2	S	S	S	S	S	
CO3	S	S	S	S	S	
CO4	S	S	S	S	S	
CO5	S	S	S	S	S	

^{*}S – Strong; M – Medium; L - Low

Course code	ourse code - PROJECT AND VIVA VOCE		L	Т	P	C	
Elective - III (C	Major Project		1	3	1	5
Pre-requisite		Knowledge in Core, Research Methods and Analytical Tools	n Methods Syllabus Version		202	2-23	
G 011	. •						

Course Objectives:

The main objectives of this course are to:

- 1. The students will get on-the-job training and experience.
- 2. The students will gain knowledge on problem identification and solutions.
- 3. The students will gain a complete knowledge on the program and the course outcome.

Expected Course Outcomes:

On the successful completion of the course, student will be able to:

0 0	no succession compression of the course, student with co detector.	
1	Explain about how to collect literature.	K2
2	Implement problem identification and will frame tool for collecting data	K3
3	Evaluate and get practical exposure on the framed objective.	K5
4	Execute and generate the procedure of compiling the collected data by using analysis	K3,K6
5	Summarize and execute report writing, and will get complete knowledge of the course.	K2,K3

K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyse; K5 - Evaluate; K6— Create

Textbook(s)

C.R. Kothari, "Research Methodology Methods and Techniques", Second Edition, New Delhi: New Age International publisher, 2004

Reference Books

- Ranjit Kumar, Research Methodology: A Step-by-Step Guide for Beginners, SAGE Publications, 2014
- Robert B Burns, Introduction to Research Methods, SAGE Publications

Course Designed By: Dr. A. Vimala, Dr. S. Sadhasivam and Dr. C. Dhayanand

Mapping with Programme Outcomes

		-P P	8	,	
COs	PO1	PO2	PO3	PO4	PO5
CO1	M	S	M	S	S
CO2	S	S	S	S	S
CO3	S	S	S	S	S
CO4	S	S	S	S	S
CO5	S	S	S	S	M
*C C	N 1' T T				

*S-Strong; M-Medium; L-Low

B.Com. Information Technology Syllabus w.e.f. 2022-23 onwards - Affiliated Colleges - Annexure No.44F

Coursecode	TITLEOFTHECOURSE SCAA	DATED	: 2 3.0	6 p 20)21 _C
SB-IV	INTELLECTUALPROPERTYRIGHTS	3	-		3
Pre-requisite	Basic Knowledge on Intellectual Property rights	Syllah Versi		20	22-23

Course Objectives:

The main objectives of this course:

- 1. Students will be able to determine the purpose and type of protection available to various categories of IP, as well as the duration and extent of protection.
- 2. Understandingthenuancesandcomplexitiesoftheglobalintellectualpropertysyste m, as well as the challenge sit poses to India in terms of compliance with global IP protection standards.
- 3. To recognize intellectual property as an effective policy tool for national, economic, social, and cultural development, particularly through the use of monopoly rights limitations and exceptions.
- 4. ToprovidestudentswithknowledgeofIndia'sproceduralandsubstantiveintellectualpropertysystems.
- 5. Analyzenationalandinternationaldevelopments in the field of intellectual property rights.

E-mastad Carres	Outcomos	
Onthesuccessfuld	completion of the course, student will be able to:	
	ndidentifythefundamentalprinciplesofintellectualproperty	K2
1	ndidentifythe fundamentalprinciplesofTrademarks	K2
3 Tounderstandar	ndcomprehend the legaleffectsofcopyrights	K2
4 Tounderstandar trade secrets	ndcomprehendthelegaleffectsofpatentsand	K2
5 Tounderstandar	ndcomprehendtheIPforPlant VarietiesandFarmer'sRights	K2
K1-Remember;	K2 -Understand; K3 -Apply; K4 -Analyze; K5 -Evaluate; K6 -Create	<u> </u>
Unit:1	INTRODUCTIONTOINTELLECTUALPROPERTY	10hours
· • 1	sofintellectualproperty,internationalorganizations,agenciesandt llectualpropertyrights	reaties,
	incettalipropertyrights	
Unit:2	TRADEMARKS	8hours
Unit:2 Purposeandfuncti	1 1 0 0	00
Unit:2 Purposeandfuncti	TRADEMARKS conoftrademarks,acquisitionoftrademarkrights,protectablematter	
Unit:2 Purposeandfuncti evaluatingtradem Unit:3 Fundamental of o toperform the wo	TRADEMARKS ionoftrademarks,acquisitionoftrademarkrights,protectablematter tark,trademarkregistration processes	s,selecting,and 9hours rights
Unit:2 Purposeandfuncti evaluatingtradem Unit:3 Fundamental of o toperform the wo	TRADEMARKS Ionoftrademarks,acquisitionoftrademarkrights,protectablematter tark,trademarkregistration processes LAWOFCOPYRIGHTS Copy right law, originality of material, rights of reproduction, rork publicly, copy right ownership issues, copy right registra	s,selecting,and 9hours rights

B.Com. Information Technology Syllabus w.e.f. 2022-23 onwards - Affiliated Colleges - Annexure No.44F

SCAA DATED: 23.06.2021

Unit:5	PROTECTIONOFPLANTVARIETIESANDF ARMERS'RIGHTS	7hours
	Meaning and Definition -Registrable Varieties of Plants -Proce	edure forRegistration-
Plant Varieties	Protection	
Unit:6	CONTEMPORARYISSUES	2hours
Expertlectures,	onlineseminars-webinars	
	TotalLecture hours	45hours
TextBook(s)		
	ropertyright,Deborah.E.Bochoux,Cengagelearning.	
	ropertyright—Unleashingtheknowledgeeconomy,prabuddhaganguli ngcompanyltd	,TataMcGraw
ReferenceBoo	ks	
1 V. K. Ahu	ja, LawRelatingtoInt <mark>ellectualPro</mark> pertyRights,2ndEd.LexisNex	xis,2013
2 Intellectua	lPropertyR <mark>ights-AshaVijayDurafeDhanash</mark> reeK.Toradmalle,	Wiley2021
RelatedOnline	Contents[MOOC,SWAYAM,NPTEL,Websitesetc.]	
1		

	M	l <mark>appingwithPr</mark>	<mark>ogramme</mark> Outcom	nes	
Cos	PO1	PO2	PO3	PO4	PO5
CO1	S	Sinne	S	S	M
CO2	S	M	M	S	M
CO3	S	Son	S	S	S
CO4	S	S	M	M	S
CO5	S	M	S	S	S

S-Strong;M-Medium;L-Low

B. Com. Information Technology

AFFILIATED COLLEGES

2021 - 2022 onwards

(A State University, Accredited with "A" Grade by NAAC,
Ranked 13th among Indian Universities by MHRD-NIRF,
Times - Shanghai - URAP -

Program Educational Objectives (PEOs) The B.COM IT program describes the accomplishments that graduates are expected to attain within five to seven years after graduation				
PEO1	Students will be able to understand the concepts of Commerce.			
PEO2	Programme aims to develop comprehensive professional skills which are required			
	for Commerce graduates.			
PEO3	Students will acquire necessary skills to work in computerized accounting regime			
PEO4	Students will be able to get trained in relevant computerized accounting packages			
PEO5	Students can do commerce with necessary IT Skills towards research and			
	consequence of this, they can become Professors in Colleges or become highly			
	valued Industrial Experts in Digital Accounting			



	Specific Outcomes (PSOs)
After the	successful completion of B.COM IT program, the students are expected to
PSO1	To replicate the concepts, principles and theories in the field of Commerce, Accounting, Finance, Law and Taxation with necessary IT Skills which promote the growth of their professional career and entrepreneurship.
PSO2	To infuse skills relating to computerized accounting packages to enable students in better career placements.
PSO3	Nurture the students in intellectual, personal, interpersonal and social skills with a focus on relevant professional career particularly, to maximize professional growth.
PSO4	Empower the students with necessary IT-based accounting skills forprospective employment across many industries.
PSO5	Strengthen the students to become expert in the field of Information technology with ethical consciousness.



Program Outcomes (POs)					
On succe	ssful completion of the B.COM IT program				
PO1	Develop a broad range of knowledge in the computerized accounting field based on various accounting concepts and practices				
PO2	Build a strong foundation in the areas of accounting, banking, tax, programming and computerized accounting packages				
PO3	Nurture the students in intellectual, personal, interpersonal and societal skills with a focus on relevant professional career to maximize professional growth.				
PO4	Empower students with necessary programming and computer skills for better and advanced career opportunities aiming with focus on accounting and for all Commercial activities				
PO5	Train and develop students in information technology sector with great orientation on ethical aspects, security system and quality.				



BHARATHIAR UNIVERSITY:: COIMBATORE 641 046

Bachelor of Commerce (Information Technology) Curriculum

(Affiliated Colleges)

(For the students admitted during the academic year 2021 – 22 onwards)

Course	Title of the Course	Credits	Н	ours	Maximum Marks			
Code			Theory	Practical	CIA	ESE	Total	
		FIRST	SEMEST		· · · · · · · · · · · · · · · · · · ·	_		
		1	ER				1	
I	Language-I	4	6	-	50	50	100	
II	English-I	4	6	_	50	100		
III	Core I – Principles of	4	4	_	50	50	100	
	Accounting							
III	Core II – Information	4	4	-	50	50	100	
	Technology							
III	Allied Paper I : Business	4	4	-	50	50	100	
	Mathematics							
III	Core IV -Computer	-	-	4	-	-	-	
	Applications: MS Office							
	:Practical-I							
IV	Environmental Studies #	2	2	-	-	50	50	
	TOTAL	22	26	4	250	300	550	
		SECOND	SEMEST					
		1	ER		ı			
I	Language-II	4	6	-	50	50	100	
II	English-II	4	6	-	50	50	100	
III	Core III – Financial	4	7	-	50	50	100	
	Accounting							
III	Core IV – Computer	4	-	4	50	50	100	
	Applications: Tally –							
	Practical I							
III	Allied Paper II: Statistics for	4	5	-	50	50	100	
	Business							
IV	Value Education – Human	2	2	-	-	50	50	
	Rights #							
	Total	22	26	4	250	300	550	
		THIRD	SEMEST					
TTT		1 4	ER		50	50	100	
III	Core V– Higher Financial	4	5	-	50	50	100	
***	Accounting		_		50	50	100	
III	Core VI – Data Base	4	5	-	50	50	100	
TTT	Management System	4	-		50	50	100	
III	Core VII – Programming	4	6	-	50	50		
TTT	with C++	1	5		50	50	100	
III	Allied: III - Managerial	4)	-	50	50	100	
TTT	Economics Comp VI + Computer			1				
III	Core XI : Computer	-	-	4	-	-	-	
	Applications: C++-							

	Practical II						
IV	Skill based Subject-1:		3	-	30	45	75
	Marketing Management	3					

IV	Tamil @ /Advanced Tamil						
	#(OR) Non-major						
	Elective-I : Yoga for	2		_		50	50
	Human Excellence #/		2				
	Women's Rights #						
	Constitution of India#						
	Total	21	26	4	230	295	525
		FOURT	SEMEST		•	•	
		Н	ER				
III	Core VIII– Corporate Accountings	4	6	-	50	50	100
III	Core IX – Networking	3	4	-	50	50	100
	Management						
III	Core X – Software	3	4	-	50	50	100
	Development in VB						
III	Core XI–Computer	4	_	4	50	50	100
	Applications: Visual Basic - Practical II						
III	Core XII- Banking Theory	3	3	-	50	50	100
III	Allied: IV - Principles of	3	4	-	50	50	100
	Management						
IV	Skill based Subject-2 :: E- Business	3	3	-	30 45		75
	Naan Mudhalvan – Office				25	25	50
	Fundamentals	2	2				
	http://kb.naanmudhalvan.i						
	n/Bharathiar_University_(
	BU)						
IV	Tamil/Advanced Tamil(OR)	2	2	_	50		50
1 4	Non-major elective -II	2	2			30	30
	:General Awareness #						
	Total	27	26	4	355	420	775
		FIFTH	SEMEST	<u> </u>			110
		111111	ER				
III	Core XIII – Software Engineering	4	6	-	50	50	100
III	Core XIV – Management	4	4	_	50	50	100
	Accounting						100
III	Core XV– Technology	4	5	_	50	50	100
	Management						100
III	Core XVI – Principles of	4	4	_	50	50	100
	Web Designing						100
III	Core XIX:	_	_	4	_	_	_
	Computer			•			
	Applications: WebDesigning -						
	Practical III						
III	Elective –I:	4	4	_	50	50	100
IV	Skill based Subject- 3:	3	3		30	45	75
- •	Brand Management					15	13
	_				1		
	Total	23	26	4	280	295	575

		SIXTH	SEMEST ER			
III	Core XVII – Management Information System	4	6	50	50	100
III	Core XVIII - Java Programming	4	5	50	50	100

Page 5 of 86

III	Core XIX - Computer Applications: JavaScript - Practical III	4	-	4	50	50	100
III	Elective –II:	3	6		50	50	100
III	Elective –III:	3	6		50	50	100
IV	Skill based Subject- 4: Supply Chain Management	3	3		30	45	75
	Naan Mudhalvan- Fintech Course (Capital Markets / Digital Marketing / Operational Logistics) http://kb.naanmudhalvan.i n/Bharathiar_University_(BU)	2	2		25	25	50
V	Extension Activities @	2	-		50	-	50
	TOTAL	25	26	4	355	320	675
	GRAND TOTAL	140					3650

Online courses will be implemented from next academic year

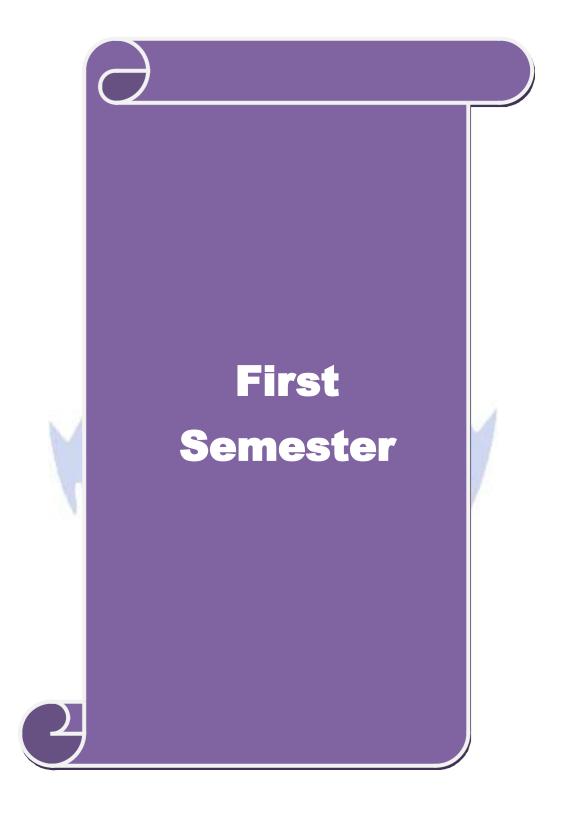
• **Naan Mudhalvan – Skill courses- external 25 marks will be assessed by Industry and internal will be offered by respective course teacher.

List	List of Elective Papers (Colleges can choose any one of the paper as electives)				
Elective – I	A	Cost Accounting			
	В	Business Finance			
	С	Entrepreneurial Development			
Elective – II	A	Financial Management			
	В	Financial Markets			
	С	Investment Management			
Elective - III	A	Income Tax and Law Practice			
	В	Banking Law & Practice			
	С	Project Work			

[@] No University Examinations. Only Continuous Internal Assessment (CIA)

[#] No Continuous Internal Assessment (CIA). Only University Examinations.





Course code		TITLE OF THE COURSE	L	T	P	C	
Core -I		Principles of Accounting	4	-	-	4	
Pre-requisite		Basic knowledge in accountancy	Syllab Versio		202	2021-22	
Course Object	tives:						
The main object							
1. To enable	the students	s to learn basic Principles of Accountancy.					
3. To learn a	ibout variou	skillfully to prepare and present the final accounts types of errors and depreciation inaccounts.					
		bank reconciliation statement and accounting for	rprofession	als			
5. To provide	e knowledg	e about consignment and joint ventures					
Expected Cou	rsa Autcon	105*					
		etion of the course, student will be able to:					
1 Recall	Accounting	Concepts and Conventions and use Accounting in Journal, Ledger and prepare Trial Balance.	rules to rec	cord	K	1	
2 Unders	tanding the	preparation Subsidiary Journals including Three Bank Reconciliation Statement.	e Column C	Cash	K	2	
		type of expenditure & incomes and reserves and	l provisions	١.	K	3	
	_	conceptual skills to prepare and present the finar nowledge of depreciation.	ncial statem	ents	K	2	
		vank reconciliation statement and accounting for	profession	als	K	1	
K1 - Rememb	er; K2 - U1	nderstand; K3 - Apply; K4 - Analyze; K5 - Eval	luate; K6 -	Create	 e		
		Lange Comment					
Unit:1		INTRODUCTION	AND I	15	hours	5	
	ooks – Tri	Keeping – Accounting Concepts and Convent al balance– Preparation of bank reconciliation					
Unit:2	Unit:2 FINAL ACCOUNTS 10hou						
		and revenue expenditure – Significance and mess of sole trader with adjustments	thods of In	vento	ry		
Unit:3]	BILL OF EXCHANGE		10-	-hour	·s	
Bill of exchan	ge- Accom	modation bills – Average due date – Account cu	rrent				
Unit:4		CONSIGNMENTS AND JOINT VENTURES		15-	-hour	·s	
		ents and Joint ventures	l				
	T						

 Unit:5
 ACCOUNTS OF NONPROFIT ORGANISATION
 8

 Accounts of nonprofit organizations-receipts and payments and income and expenditure

8--hours

accounts and
balance sheet;
accounts of 2 hours
professionals Note:
Problems: Theory
80:20
Unit:6
Contemporary Issues
Expert lectures, online seminars - webinars
Total Lecture hours 60hours
Text Book(s)
1 N.Vinayakam, P.L.Mani, K.L.Nagarajan Principles of Accountancy
2 T.S.Grewal – Introductio <mark>n to Accountancy- S.Chand& Compan</mark> y Ltd.,
3 R.L.Gupta, V.K.Gupta, M.C.Shukla – Financial Accounting – Sultanchand& sons
Reference Books

1 K.L.Narang, S.N.Maheswari - Advanced Accountancy-Kalyani publishers

A.Murthy -Financial Accounting – Margham Publishers

A.Mukherjee, M.Hanif – Modern Accountancy. Vol.1- Tata McGraw Hill Companie

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

Course Designed By:

Mapping with programme outcomes

	PO1	PO2	PO3	PO4 PO5	
CO1	S	S	S	S	S
CO2	S	M	S	S	M
CO3	S	M	M	S	M
CO4	S	S	S	S	M
CO5	S	M	L	M	L

^{*}S- Strong, M-Medium, L-Low



Course code		TITLE OF THE COURSE	L	T	P	C
Core II		Information technology	4	-	-	
Pre-requisite		Basic knowledge in IT	Syllab	u	2021	1-22
			s Versio	,		
Course Objec	tives•		versio	[1		
		s course are to:				
J						
		portance of managing information in the mo-		. 4		
		out various forms of computing and applicat e about various communication technologies		II		
		IT based applications among students	•			
		with IT related trends and ethical constraints	of information	techn	olog	у
1					Ο.	,
Expected Cou	rse Outcon	nes:				
On the succes	sful comple	etion of the course, student will be able to:				
1 Underst	tanding the	importance of internet-based systems in bus	iness organizati	ons	K	[]
		ous forms of computing such as mobile com	_		K	1
comput	_					
		<mark>ommu</mark> nication technologies at domestic and	global level		K	[3
4 Rememb	ering vario	us emerging trends in IT applications	2.4		K	2
	anding the	ethical issues and <mark>imp</mark> lementing security cor	ntrols and quali	ty	K	2
checks	**************************************	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7 1 XX	~		
K1 - Rememb	ber; K2 - U1	nderstand; K3 - Apply; K4 - Analyze; K5 - INTRODUCTION			Э	
Unit:1	1 8	INTRODUCTION	15hours	· 		
	1 10					
					~	
		Information Age. Evolution of IT Management vistems – Value Chain Reconstruction for EBusin				
		s Factors for IT Managers.	icss – 11 ivialiago	mem	Chai	icing
		COUCATE IN DIEVALE				
II:4.2		HARDWARE, SOFTWARE	10hours	5		
Unit:2		AND COMMUNICATION				
		COMMONICATION				
Hardware Sof	tware And	Communication: Computing Hierarchy – Inp	put – Output Te	chnol	logie	S
– Hardware	Issues – Sv	stem Architecture – Operating Systems –	Network Oner	ntino	Svste	ems
		ile Computing – Ubiquitous Computing				
		Development – Data Resources – Managing				
Change and R	-					
		COMMUNICATION	10hours	5		

 $Communication \ Technology-WWW-Intranets-Extranets-Voice$ Networks Data Communication Networks – Last Mile – Wireless System – Web Hosting

Unit:3

TECHNOLOY

INFORMATION TECHNOLOGY

15--hours

 $IT\ Applications:\ Enterprise\ Resource\ Planning-Enterprise\ System-Expert\ System-Decision\ SupportSystem-NeuralNetworks-ExecutiveInformationSystem-CustomerRelationship\ ManagementSystem-SupplyChainManagementSystems-KnowledgeManagement-Data$

Page 10 of 86

	ons and Customer Satisfaction.		
Unit:5	IT N	ANAGEMENT	8hours
mit:5			
T Manag	gement: IT Strategy Statements	- Planning Models for	or IT Managers Legislation
	rends. Independent Operations -		
	 IT investment – Estimating 		
	and Software Buying - Factors of		olementation Control
- Security	— Quality - Ethical Issues — Chie		
Unit:6	Contamp	2 hours porary Iss	
	tures, online seminars - webinars		
	tures, on the seminars - weomars	•	
		60hours	
		are E	
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	0 D to 1	Cities of a wine of	
Text Book	(s)	CHIRDY SUNDA	
Text Book	(s)	Garroll W F	renzelJohne. Frenzel
Text Book	(s)		renzelJohne. Frenzel, t of Information Technology.
Fext Book	(s)	Management	of Information Technology,
Fext Book	(s)	Management Thomson Co	of Information Technology, burse Technology, Boston,
Text Book	(s)	Management Thomson Co 2004. 2. Hen	of Information Technology, burse Technology, Boston, ry C. Lucas. Jr, Information
Fext Book	(s)	Management Thomson Co 2004. 2. Hen Technology	of Information Technology, burse Technology, Boston, ry C. Lucas. Jr, Information - Strategic Decision Making
Fext Book	(s)	Management Thomson Co 2004. 2. Hen Technology - for Managers	of Information Technology, burse Technology, Boston, ry C. Lucas. Jr, Information - Strategic Decision Making s, John Wiley & Sons (Asia)
Fext Book	(s)	Management Thomson Co 2004. 2. Hen Technology - for Managers	of Information Technology, burse Technology, Boston, ry C. Lucas. Jr, Information - Strategic Decision Making
1		Management Thomson Co 2004. 2. Hen Technology - for Managers	of Information Technology, burse Technology, Boston, ry C. Lucas. Jr, Information - Strategic Decision Making s, John Wiley & Sons (Asia)
1		Management Thomson Co 2004. 2. Hen Technology - for Managers	t of Information Technology, burse Technology, Boston, ry C. Lucas. Jr, Information – Strategic Decision Making s, John Wiley & Sons (Asia) ngapore, 2005.
l Reference		Management Thomson Co 2004. 2. Hen Technology - for Managers Pvt. Ltd., Sir Efraim Turba	t of Information Technology, burse Technology, Boston, ry C. Lucas. Jr, Information – Strategic Decision Making s, John Wiley & Sons (Asia) ngapore, 2005.
Text Book 1 Reference		Management Thomson Co 2004. 2. Hen Technology - for Managers Pvt. Ltd., Sir Efraim Turba Rainer Jr, Ric Introduction	t of Information Technology, burse Technology, Boston, ry C. Lucas. Jr, Information – Strategic Decision Making s, John Wiley & Sons (Asia) agapore, 2005. an, R. Kelly chard E. Potter, to Information
l Reference		Management Thomson Co 2004. 2. Hen Technology - for Managers Pvt. Ltd., Sir Efraim Turba Rainer Jr, Ri- Introduction Technology,	t of Information Technology, burse Technology, Boston, ry C. Lucas. Jr, Information - Strategic Decision Making s, John Wiley & Sons (Asia) agapore, 2005. an, R. Kelly chard E. Potter, to Information John Wiley &
l Reference		Management Thomson Co 2004. 2. Hen Technology - for Managers Pvt. Ltd., Sir Efraim Turba Rainer Jr, Ric Introduction	t of Information Technology, burse Technology, Boston, ry C. Lucas. Jr, Information – Strategic Decision Making s, John Wiley & Sons (Asia) agapore, 2005. an, R. Kelly chard E. Potter, to Information John Wiley & Pvt. Ltd.

2

4

Course Designed By:

Mapping with Program outcomes

PO1	PO2	PO3	PO4	PO5
S	S	M	S	S
S	M	S	S	M
S	S	S	M	S
S	S	M	M	S
S	S	S	S	S
	S S S	S S S M S S S S	S S M S M S S S S S S M	S S M S S M S S S S S M S S M M

^{*}S- Strong, M-Medium, L-Low

Course code		TITLEOFTHECOURSE	L	T	P C
ALLIEDPA	PERI	BUSINESSMATHEMATICS	4	-	-
Pre-requis	site	Basics Knowledge On	SyllabusVer on	rsi	202 - 1
		BusinessMathematics			22
Course Objec	tives:		<u>.</u>		•
		hiscourseareto:			
		ndandapplybasicsofapplicationsofmathematicsinl			
		studentstobereadyforcalculatingvariousinterestrat	es		
		ninsightknowledgeaboutDerivatives			
		students to			
		orsolvingbusinessproblemsusingmathematicalope			
5. A	malyzet	helinearprogrammingproblembyusinggraphicalse	olution.		
ExpectedCou					
		pletionofthecourse, student will be able to:			
		financialfunctionsofbusinessmathematics			K2
		lationofinterestrates.			K1
		ativemark <mark>etsand</mark> itscalculation.			K2
		conceptsofadditionandmultiplicationanalysis.			K2
		earpro <mark>grammi</mark> ngproblembyusinggraphical			K4
solutio		a street of the	N 4		
K1 - Remem	ber; K2	- Understand; K3 - Apply; K4 - Analyze; K5 - E	<mark>Evalu</mark> ate; K6 –Cre	ate	
Unit:1	11	PROFITAND LOSS	and and		14hours
ProfitandLoss -	CostPri	ce,SellingPrice,Markedprice,Loss,Tradediscounta	andCash		
liscount,Comm	ission,I	Brokerage, Problems onthesetopics	18		
		Samuel Management	8 /		
Unit:2		INTEREST RATES		15l	ours
		1 0 1 10			1 C
	• •	resentvalue, Simple 12 Interest, Compoundinte			d of per
Equated Mon	thly Ins	stallment (EMI) by reducing and flat interes	tsystem,probler	ns	
Unit:3		DERIVATIVES		15ho	nire
Omt.5		DEMIATIVES		13110	Julb

Bond Valuation-Shares-Concept of share, Stock Exchange, Face value, Market Value,

Dividend, Equity shares, Preferencial shares, Bonus shares, Examples.

Unit:4 MATRIX 14hours

Matrices and Determinants - Definition of a Matrix, Types of Matrix, Finding

inverseofamatrixbyAdjointmethod.Solutionofasystemoflinearequationshavinguniquesolut ion andinvolvingnot morethanthreevariablesproblems

Unit:5	LINEARPROGRAMMINGPROBLEM	14hours

Linear Programming Problems - Graph of 10 linear equation, Graph of

linear inequality, Formulation of LPP, Solution by Graphical method, Problems relating to two variables

Unit:6	CONTEMPORARYISSUES	3hours
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Expertlectures, online seminars—webinars

Page 12 of 86

	Total Lecture hours	75hours
TextBook(s)		
	nam,P.A,"BusinessMathematics&Statistics"JaiPublishers,Tri anandJayaseelan,"IntroductiontoBusinessMathematics",Sultar	chy-21 nchandCo&
Ltd,New	delhi	
3 Sanchetti	,D.CandKapoor,V.K,"BusinessMathematics",Sultanchand $_{\hbox{ m Co\&I}}$.td,Newdelhi
ReferenceBo	oks	
1	G.K.Ranganath,	
	C.S.Sampamgiram&Y.Raja	n-A Text book
	Business Mathematics-	
	HimalayaPublishingHouse.	
	eContents[MOOC,SWAYAM,NPTEL,Websitesetc.]	
1 https://	www.youtube.com/watch?v=qO1SYFZVmhY	
2 https://v	www.youtube.com/watch?v=LadYhkiVC7O&list=PLRYPMG	3pkUJuucx
	C-Lj3PmzV <mark>mKCD</mark>	<u>-</u>
3 https://v	vww.youtube.com/watch?v=qO1SYF <mark>ZVmhY&list</mark>	
	gX-ftPVXUYjs2g3YiaY0sEfwW-jg5L	

Course Designed By:

Mapping withProgram outcomes

N.	PO1	PO2	PO3	PO4	PO5
CO1	S	S	S	S	M
CO2	S	S	S	M	S
CO3	S	M	S	S	S
CO4	S	S	S	M	S
CO5	S	M	S	S	S

^{*}S- Strong, M-Medium, L-Low



Course code	TITLE OF THE COURSE	L	T	P	C
Core IV	Computer Applications: MS OFFICE PRACTICAL I	-	-	4	. 4
Pre-requisite	Basic knowledgein Computer	Sylla	bus	202	21-22
		Versi	on		

Course Objectives:

The main objectives of this course are to:

- 1. To familiarize with working inMS-WORD
- 2. To understand the working inMS-EXCEL
- 3. To understand the working in MS-POWERPOINT

Expected Course Outcomes:

On the successful completion of the course, student will be able to:

1	Recall various techniques of working in MS-WORD	K1
2	Creating appropriate personal bio data	K6
3	Analyzing financial d <mark>ata usin</mark> g EXCEL tools	K3
4	Understanding various tools used in MS-EXCEL	K2
5	Creating presentations for seminars and lectures using animations	K6

K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create

Unit:1 MS-WOR

20--hours

- 1. Type Chairman's speech/ Auditor's report / Minutes/ Agenda and perform the following operations: Bold, Underline, Font Size, style, Background color, Text color, Line spacing, Spell Check, Alignment, Header & Footer, inserting pages and page numbers, Find and Replace.
- 2. Prepare an invitation for the college function using Text boxes and clipparts.
- 3. Design an invoice and Account sales by using Drawing tool bar, Clip Art, Word Art, Symbols, Borders and Shading.
- 4. Prepare a Class Time Table and perform the following operations: Inserting the table, Data Entry, Alignment of Rows and Columns, Inserting and Deleting the Rows and Columns and Change of TableFormat.
- 5. Prepare a Shareholders meeting letter for 10 members using mail mergeoperation.
- 6. Prepare Bio-Data by using Wizard/Templates.

MS-E 20--hours

Unit:2 XCE L

1. Prepare a mark list of your class (minimum of 5 subjects) and perform the following operations: Data Entry, Total, Average, Result and Ranking by using arithmetic and logical functions and sorting.

- 2. Prepare Final Accounts (Trading, Profit & Loss Account and Business Sheet) by using formula.
- 3. Draw the different type of charts (Line, Pie, Bar) to illustrate year-wise performance of sales, purchase, profit of a company by using chartwizard.
- $4. \ \ Prepare a statement of Bank customer's account showing simple and compound interest$

Page 14 of 86

calculations for 10 different customers using mathematical and logical functions.

5. Prepare a Product Life Cycle which should contain the following stages: Introduction, Growth, Maturity, Saturation, and Decline.

MS POWERPOINT

20--hours

Unit:3

- 1. Design presentation slides for a product of your choice. The slides must include name, brand name, type of product, characteristics, special features, price, special offer etc. Add voice if possible to explain the features of the product. The presentation should work in manualmode.
- 2. Design presentation slides for organization details for 5 levels of hierarchy of a company by using organization chart.
- 3. Design slides for the headlines News of a popular TV Channel. The Presentation Should contain the following transactions: Top down, Bottom up, Zoom in and Zoom out The presentation should work in custommode.
- 4. Design presentation slides about an organization and perform frame movement by interesting clip arts to illustrate running of an imageautomatically.
- 6. Design presentation slides for the Seminar/Lecture Presentation using animation

- BARRIE	Total Lecture hours	60hours
	TOWN DOUGHT HOURS	00 110415

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

https://www.youtube.com/watch?v=YHSLkNzLuqc

2https://www.youtube.com/watch?v=RdTozKPY_OQ

3https://www.youtube.com/watch?v=x5wYAJ3qzC0

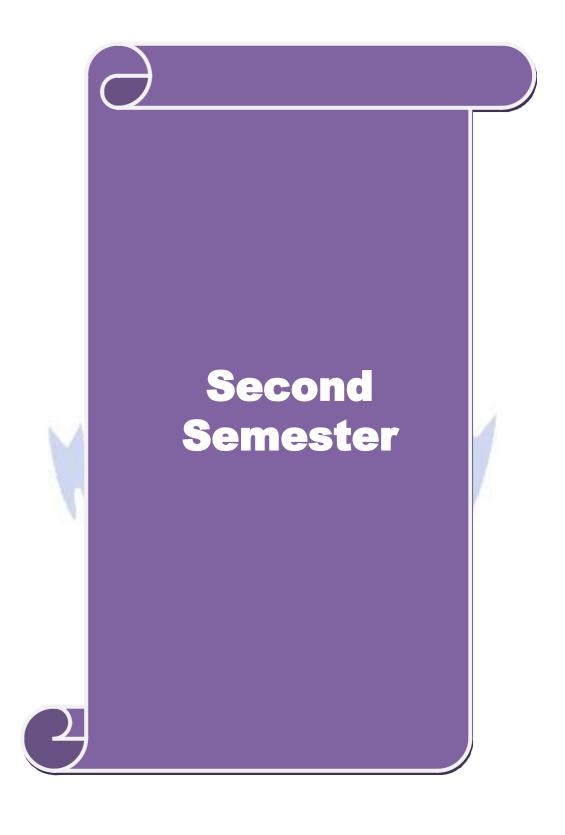
Course Designed By:

Mapping with programme outcomes

	PO1	PO2	PO3	PO4	PO5
CO1	S	S	S	S	M
CO2	S	S	S	S	M
CO3	S	S	S	S	M
CO4	S	S	S	S	M
CO5	S	S	S	S	M

^{*}S- Strong, M-Medium, L-Low





Course code		TITLE	OF THE COURS	E	L	T	P	(
Core III		Fin	ancial accounting		4	-	_	
Pre-requisite		Basic knowledge	n accounting		Sylla Vers	abus ion	2021	-22
Course Object					<u></u>			
The main object								
1. To explore	various me	thods of calculating	and recordingdepre	eciation				
_		ling about royalties		unts				
		single entry system						
-		e about department age about hire purchas		_	untina			
J. 10 facilità	ic Kilowicuş	ge about fifte purchas	se and mstamment sy	stelli olacco	unung			
Expected Cour	rse Outcon	ies:						
		tion of the course, st	udent will be able to):				
		s methods of deprec			faccou	ınts	K	1
		rarious techniques or					K	2
		entry method of acc	•	b			K	2
		the accounting pract		and branche	S		K	1
		- C A						_
	naing book	s of accounts relating	o to Hire purchase a	nd installmer	it syste	m	K	2.
		s of accounts relating derstand; K3 - Appl	g to Hire <mark>purch</mark> ase a y; K4 - Analy <mark>z</mark> e; K				K	2
		A STATE OF THE PARTY OF THE PAR	- / Name				;	
K1 - Rememb Unit:1 Accounting for	er; K2 - Ur	derstand; K3 - Appl DEPRECIATION on –need for and sign	y; K4 - Analy <mark>ze</mark> ; K	5 <mark>- Ev</mark> aluate;	K6 - C	reate	iour	
K1 - Rememb Unit:1 Accounting for	er; K2 - Ur	derstand; K3 - Apploace DEPRECIATION on —need for and sign Provision.	y; K4 - Analyze; K	5 - Evaluate;	K6 - C	reate	ng	3
K1 - Rememb Unit:1 Accounting for depreciation- R Unit:2	er; K2 - Ur Depreciation	derstand; K3 - Appl DEPRECIATION on —need for and signer of the provision. SELF-BALANCIN	y; K4 - Analyze; K nificance of depreci	5 - Evaluate; ation, method	K6 - C	23	ng	3
K1 - Rememb Unit:1 Accounting for depreciation- R Unit:2	Depreciation eserves and g Ledgers-m	derstand; K3 - Apploace DEPRECIATION on —need for and sign Provision. SELF-BALANCININVESTMENT ACCORD	y; K4 - Analyze; K mificance of deprecia G LEDGERS AND CCOUNTS ges-Accounting asp	5 - Evaluate; ation, method	K6 - C	23	ng nours	S
K1 - Rememb Unit:1 Accounting for depreciation- R Unit:2 Self-Balancing Unit:3	Depreciation eserves and Ledgers-m	derstand; K3 - Appl DEPRECIATION on —need for and sign Provision. SELF-BALANCIN INVESTMENT ACCORDANCE AND ACCORDANCE A	y; K4 - Analyze; K nificance of depreci G LEDGERS AND CCOUNTS ges-Accounting asp	ation, method	k6 - C	23larovidi 20latente	ng	s our
K1 - Rememb Unit:1 Accounting for depreciation- R Unit:2 Self-Balancing Unit:3	er; K2 - Ur Depreciation eserves and g Ledgers-mean	derstand; K3 - Apple DEPRECIATION on —need for and sign Provision. SELF-BALANCIN INVESTMENT ACTUAL CONTROL OF THE PROPERTY SYMPTOTES IN THE PROPERT	y; K4 - Analyze; K G LEDGERS AND CCOUNTS ges-Accounting asp STEM ttement of affairs m	ation, method ects-transfers	k6 - C	23larovidi 20latente	ng nours	s oun
K1 - Rememb Unit:1 Accounting for depreciation- R Unit:2 Self-Balancing Unit:3 Single Entry s Unit:4	Depreciation eserves and g Ledgers-mean	derstand; K3 - Appl DEPRECIATION on —need for and sign Provision. SELF-BALANCIN INVESTMENT ACT neaning and advanta INGLE ENTRY SY ning and features-Sta	ry; K4 - Analyze; K CCOUNTS Ges-Accounting asp STEM Itement of affairs m	ects-transfersethod and Co	k6 - C	231 rovidi 201 on me 201	ng nours acco	S our
K1 - Rememb Unit:1 Accounting for depreciation- R Unit:2 Self-Balancing Unit:3 Single Entry s Unit:4	Depreciation eserves and g Ledgers-mean system-mean accounts —	DEPRECIATION on —need for and sign Provision. SELF-BALANCIN INVESTMENT ACTION	y; K4 - Analyze; K mificance of deprecia G LEDGERS AND CCOUNTS ges-Accounting asp STEM ttement of affairs m AND BRANCH AC elling price —Branch	ects-transfers ethod and Co COUNTS excluding for	k6 - C	231 rovidi 201 on me 201	ng nours acco	S S S
K1 - Rememb Unit:1 Accounting for depreciation- R Unit:2 Self-Balancing Unit:3 Single Entry s Unit:4 Departmental Unit:5	er; K2 - Ur Depreciation eserves and g Ledgers-re ystem-mean accounts — I accounts —	DEPRECIATION on —need for and sign Provision. SELF-BALANCININVESTMENT ACTUAL	y; K4 - Analyze; K mificance of deprecia G LEDGERS AND CCOUNTS ges-Accounting asp STEM atement of affairs m AND BRANCH AC elling price —Branch AND INSTALMENT	ects-transfers ethod and Co COUNTS excluding for	k6 - C	231 rovidi 201 tment 201 branc 201	ng nours acco	S S S
K1 - Rememb Unit:1 Accounting for depreciation- R Unit:2 Self-Balancing Unit:3 Single Entry s Unit:4 Departmental Unit:5	er; K2 - Ur Depreciation eserves and g Ledgers-re ystem-mean accounts — I accounts —	DEPRECIATION on _need for and signerovision. SELF-BALANCING INVESTMENT ACT neaning and advanta INGLE ENTRY SY ning and features-State DEPARTMENTAL ACT aransfers at cost or so IRE PURCHASE A YSTEMS	y; K4 - Analyze; K G LEDGERS AND CCOUNTS ges-Accounting asp STEM AND BRANCH AC celling price -Branch AND INSTALMENT ag Hire Purchasing	ects-transfers ethod and Co COUNTS excluding for	k6 - C	231 rovidi 201 on me 201 brance 201 coods of	ng nours acco	S Our S

lectures,

SCAA DATED: 23.06.2021

	Total Lecture hours	105hours						
Text Book(s)								
1 Advanced Accountancy - R.L.Gupta&M.Radhasamy								
2 Advanced	d Accountancy - S.P.Jain&K.L.Narang							
Reference B	ooks							
1 Advance	d Accountancy - M.C.Shukla&T.S.Grewal							
2 Finanacia	ll Accounting - T.S.Reddy&A.Murthy							
Related Onl	ine Contents [MOOC, SWAYAM, NPTEL, Websites etc.]							
1	, , , , , , , , , , , , , , , , , , ,							
2								
4								
Course Design	gned By:							

Mapping with programme outcomes						
	PO1	PO2	PO3	PO4	PO5	
CO1	S	S	S	S	S	
CO2	S	M	S	S	M	
CO3	S	M	M	S	M	
CO4	S	S	S	S	M	
CO5	S	M	г/	M	L	

^{*}S- Strong, M-Medium, L-Low

Course code	TITLE OF THE COURSE	L	T	P	C			
Core-IV	Computer Applications: Tally - Practical I	al I -		4	4			
Pre-requisite	Basic knowledgeinComputer	Syllabus		s 2021-2				
		Versi	on					
Course Objectives:								

- 1. To provide practical knowledge in working with MS-ACCESS
- 2. To understand the basics of working in Tally accountingpackage
- 3. To provide insights about the usefulness of internet in businesspurpose

Expected Course Outcomes:

On the successful completion of the course, student will be able to:

1	Understanding the basics of working in MS-ACCESS using various tools	K2
2	Remembering the format personal bio data using MS ACCESS tools	K1
3	Understanding the usage of computerized packages for business transactions	K2
4	Applying the techniques of inventory management using Computer packages	К3
5	Understanding the usage of internet for business purposes and communications	K2

K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create

MS-A

30--hours

Unit:1

CCES

S

- Prepare a payroll for employee database of an organization with the following Details: Employee id, Employee name, Date of Birth, Department and Designation, Date of appointment, Basic pay, Dearness Allowance, House Rent Allowance and other deductions if any. Perform queries for different categories.
- 2. Create mailing labels for student database which should include at least three Table must have at least two fields with the following details: Roll Number, Name, Course, Year, College Name, University, Address, PhoneNumber.
- 3. Gather price, quantity and other descriptions for five products and enter in the Access table and create an invoice in form designview.
- 4. Create forms for the simple tableASSETS.
- 5. Create report for the PRODUCT database.

TA Unit:2 LL Y

30--hours

- Create a new company, group, voucher and ledger and record minimum 10 transactions and display the relevantresults.
- 2. Prepare trial balance, Profit and Loss A/c and Balance Sheet (with minimum of any five adjustments).

- 3. Prepare inventory statement using (Calculate inventory by using all methods) a) FIFO b) LIFO c) Simple Average Method d) Weighted AverageMethod
- 4. Create an e-mail id and check the mailinbox.
- 5. Learn how to use search engines and visit yahoo com, rediff.com, hotmail.com and google.com
- 6. Visit your University and college websites and collect the relevantdata

Page 19 of 86

SCAA DATED: 23.06.2021

		Total Lecture hours	60hours				
Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]							
1	1 https://www.youtube.com/watch?v=BUE-XJEHp7g						
2	https://www.youtube.com/watch?v=0s4mKbkYJPU&t=1s						
3 https://www.youtube.com/watch?v=Dxcc6ycZ73M							
Course Designed By:							

Mapping with Programme outcomes							
	PO1	PO2	PO3	PO4	PO5		
CO1	S	S	S	S	M		
CO2	S	S	S	S	M		
CO3	S	S	S	S	M		
CO4	S	S	S	S	M		
CO5	S	S	S	S	M		



Cours	se		TITLE OF THE COURSE	L	T	P	C	
ode ALLI	ED II		BUSINESS STATISTICS	4			4	
	equisite		Basic Knowledge of Statistics			IS 1	202	
Cours	se Objectives:	L						
Γhe m	nain objectives	of this course are	e to:					
		knowledge i	n statistics and to solve the s	tatistical				
			etion, graphical presentation and	classificatio	n of	tahl	<u>es</u>	
	inculcate the leted Course O		lationship between measures of var	iation and va	lued	levia	tion.	
In the	e successful co	mpletion of the c	ourse student will be able to:					
On the successful completion of the course, student will be able to: 1 Produce appropriate graphical and numerical descriptive statistics for different types of data.					K1			
2	Apply statistic	cal concepts to ar	nalyze the business problems.			K2		
3	•	Explain the concepts of average and range of data collection.					K2 K4	
4								
5 (1 - R		Correl <mark>ation a</mark> nd l - Understand: K	Regression. 3 - Apply; K4 - Analyze; K5 - Evalu	ate: K6 - Cro	eate	K2		
	N.	,						
<u>UNIT</u>	<u>'-1</u>		the state of the s	4111	<u>Hou</u>	rs –	12	
Manag	gement Scienc	es and Social So	n of Statistics, scope of statistics in I ciences, Population, Sample SRSW Procedures only)	R, SRSWOI	R, St	ratifi	ed	
UNIT	-II		SULTEDU S	-	Hou	rs — 1	12	
		*	n of Raw data, Attributes, Variables Diagrams - Bar and Sub divided dia	•				
UNIT	UNIT – III Hours				rs - 12			
		•	erent methods of calculation of Mean, n – Empirical Relation.	Median, Mo	de,			
	UNIT - IV Hours							

Correlation and Regression - Correlation, types of correlation, Scatter diagram, Corr.

Hours - 12

UNIT - V

Coefficient, regression, lines of regression (Statements only)

Page 21 of 86

Reference Books	
	Statistical Methods - S. P. Gupta
	Fundamentals of Statistics - S. C. Gupta and V. K
	Kapoor.
	Statistics (Theory Methods and Applications) -
	Sancheti and Kapoor.
	Quantitive Techniques in Business - Dr. A. B. Ra
	•

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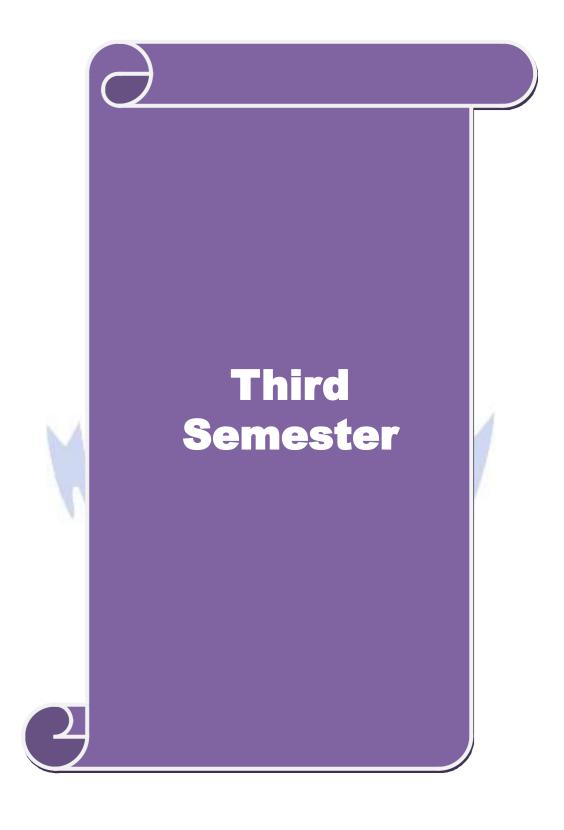
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Course Designed By:

Mapping with Programme outcomes						
COs	PO1	PO2	PO3	PO4	PO5	
CO1	S	S	S	S	M	
CO3	S	S	S	M	S	
CO3	S	M	S	S	S	
CO4	S	S	S	M	S	
CO5	S	M	S	S	S	

*S- Strong, M-Medium, L-Low





Course code		TITLE OF THE COURSE	L	T	P	C
Core V		Higher Financial Accounting	4	_	-	
Pre-requisite		Basic knowledgein accounting	Sylla Vers	abus ion	2021	-22
Course Object						
The main objec						
		out maintaining partnershipaccounts				
-		nding about the insolvencyregime ag about insurance claimsettlement				
		ge about royalties and voyageaccounts				
		ge about insolvencyaccounts				
Expected Cour	rse Outcon	mes:				
		etion of the course, student will be able to:				
1 Understand the procedures for maintaining partnership accounts						2
2 Rememb	pering the b	books of accounts at the time of insolvency			K	1
3 Compari	ing various	insurance settlement and claim procedures			K	2
4 Applying the procedures for royalty and voyage accounts						4
5 Summar	rizing the co	oncepts of insolvency accounts of individuals and fi	rms		K	2
K1 - Rememb	er; K2 - U1	<mark>ndersta</mark> nd; K3 - Apply; K4 - Analy <mark>ze; K5 - Eva</mark> luate	e; K6 - C	reate	2	
Unit:1	. A	ADMISSION AND RETIREMENT OF PARTNE	ER	15l	hour	š
		Division of fixed and fluctuating capitals – past adjusting etirements – death of partner.	stments-	guara	intee	of
Unit:2	1/5	INSOLVENCY OF PARTNER	1	15 1	hours	
	nartner – R	tule in garner Vs Murray – piecemeal distribution		131	iioui ;	<u>)</u>
inservency or	partitor	garier volument unstrouten				
Unit:3		INSURANCE CLAIMS		15l	nours	,
Insurance clair	ms – claim	s for loss of stock and loss of profits.				
Unit:4		ROYALTIES AND VOYAGE ACCOUNTS		15l	nours	<u> </u>
Royalties -Voy	age accour	nts				
Unit:5	I	NSOLVENCY ACCOUNTNS		13ŀ	ours	,
Insolvency Acand partnership		Statement of affairs and deficiency accounts – Inse	olvency	of in	divid	ual
Unit:6		Contemporary Issues		2	hou	rs
Expert	online se	eminars – webinars				

Expert lectures,

	75høurs
	一位1000 m 1000 m

Text Book(s)

S.P. Jain & K.L. Narang, "Advanced Accounting", Kalyani Publications, NewDelhi.

- 2 Reddy & Murthy, "Financial Accounting", MarghamPublicatuions, Chennai, 2004.
- Dr. M. A. Arulanandam, Dr. K.S. Raman, "Advanced Accountancy Part-I", Himalaya Publication, New Delhi.

Reference Books

- 1 Gupta R.L. &RadhaswamyM.,"Corporate Accounts ", Theory Method and Application 13th Revised Edition 2006, Sultan Chand & Co., New Delhi.
- 2 Shukla M.C., Grewal T.S. & Gupta S.L., "Advanced Accountancy", S. Chand & Co., NewDelhi.

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

2

1

Course Designed By:

Manning with programme outcomes

Mapping with programme outcomes							
	PO1	PO2	PO3	PO4	PO5		
CO1	S	S	S	S	M		
CO2	S	S	M	S	L		
CO3	S	S	S	S	M		
CO4	S	M	M	S	M		

CO5	S	S	M	S	M

^{*}S- Strong, M-Medium, L-Low

Course	code		TITLE OF THE COURSE	L	T]	P (C
Core V	<u> </u>		Database Management System	4	-		+	
Pre-re	equisite		Basic knowledge on DBMS	Syllab Versio		202	21-2	2
Course	Object	ives:						
			s course are to: s kinds of databasesystems					
 To To 	provide provide	knowledg knowledg	odels of relational data basesystems e about various SQL specialities andcalculus e about data base design and normalization bout transactionmanagement					
		rse Outcon						
			etion of the course, student will be able to: concepts relating to data base management systems	,		K	 1	4
			dels of relational data base systems			K		_
			specialties and calculus			K		_
						K		
	11 0		tabase designs and normalization procedure			K		_
			rospects of transaction management nderstand; K3 - Apply; K4 - Analyze; K5 - Evalu	nate: K6 –	Create			
Unit:1			INTRODUCTION TO DBMS			hou		
An ov Indepe	erview c	 Relations 	Management – Introduction – Definition of Data al Systems-Database System Architecture – Three Administrator – Client Server Architecture – Dist	Levels of	em – I the	Data		_
Unit:2	2		TYPES OF APPROACHES		15	hou	irs	
			onal Database – Introduction – Relational Model ions – An Introduction to SQL – Domains, Relati					-
Unit:3	3		RELATIONAL ALGEBRA	151	hours			_
Relatio	nal Calc	ulus — Intro	duction – Syntax – Semantics – Examples – Add oduction – Tuple Calculus – Example –Calculus – SQL Specialties	-	erators	S —		_
IInit•/			DATABASE DESIGN			hou		_

Unit:4DATABASE DESIGN15 hourDatabase Design – Functional Dependencies – Introduction – Basic Definitions – Normalization

– First, Seco	nd, Third Normal Forms – BOYCE/CODD Normal Form.	10.1
Unit:5	TRANSACTION MANAGEMENT	13 hours
Unit.5	MANAGEMENI	
Transaction	Management – Recovery – Introduction – Transaction-Tra	nsaction Recovery – System
	Media Recovery Concurrency Three Concurrency Prob	
Serializabilit	y.	
	2 hours	
Unit:6	Contemporary Iss	
Expert lectur	es, online seminars – webinars	
	77	
	75hours	
	The CA	
		N. A.
<u> </u>	Court for hand " "	
	lander !	
	The state of the s	
	CHAIR WILL AND	
	Co.	10
Text Book(s		
TEAL DOOK(S	Design of the second of the se	
1 An Introde 2000.	uction to Database Systems – C.J.Date – Addision – Wesley Publ	ications – SeventhEdition

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

- 1 https://www.youtube.com/watch?v=T7AxM7Vqvaw
- 2 https://www.youtube.com/watch?v=kBdlM6hNDAE&list=PLxCzCOWd7aiFAN6I8CuViBu

CdJgiOkT2Y

2

3 https://www.youtube.com/watch?v=wjfeGxqAQOY&list=PLrjkTql3jnm-CLxHftqLgkrZbM8fUt0vn

Course Designed By:

Mapping with programme outcomes

Cos	PO1	PO2	PO3	PO4	PO5

CO1	S	S	S	S	S
CO2	S	S	S	S	S
CO3	S	S	S	S	S
CO4	M	M	S	M	S
CO5	S	S	M	S	M

^{*}S- Strong, M-Medium, L-Low

Course code TITLE OF THE COURSE					T	P	C
Core VII		Programming with C++		4	-	-	
Pre-requisite Basic knowledgeinprogramming				Syllabus Version		2021-22	
Course Objec				•			
The main object							
		object-oriented languages and theirapplications					
		ncepts of C++language					
-	_	e about various conversions out various inheritancesystem					
		iles and exceptionhandling					
Expected Cou	rse Outcor	ies:					
On the succes	sful comple	tion of the course, student will be able to:					
1 Recallin	ng various c	oncepts relating to languages and applications			K1		
2 Underst	anding vari	ous concepts of C++ languages				K2	
3 Applyir	3 Applying various conversions					K3	
4 Analyzing different types of inheritance system				K4			
5 Underst	anding wor	king bout files and exception handling				K	2
K1 - Rememb	oer; K2 - U	<mark>ndersta</mark> nd; K3 - Apply; K4 - Analy <mark>ze; K5 - Eva</mark>	luate; k	6 - 0	reate	,	
Unit:1		INTRODUCTION TO C++	<u> </u>	A	20l	iour	S
Object oriented	l nrogramm	ing: Software Evolution – OOP paradigm – Co	ncents	henet	fits (hiec	t
Oriented Lang	_		neepts,	Circi	1115, 0	- 0,00	
	11 8		9				
Unit:2	1	APPLICATION OF C++	7		18ŀ	ıour	S
Turkus dayakka u	41- a D = = :	anasata of Citi language Talana V.	T.d 4 ! C	1	Da#= 4		
		oncepts of C++ language – Tokens, Keywords, Expression and control structures – Functions: r					
		erence – Function overloading – friend and inlin			15 14	incti	7115
Unit:3		CONSTRUCTIONS AND OVERLOADING		17hours			
Classes and o	bject – Con	structors and Destructors – Operator overloading	ng – Typ	e coi			
Unit:4		NHERITANCE			15ŀ	ıour	<u> </u>
	_	ritance – Multiple Inheritance – Hierarchical, H	lybrid Iı	nherit	tance	_	
polymorphisn	n – pointers	 virtual functions – console I/O operations. 					

Files – Classes for file stream Operations – opening, closing and processing files – End of fileDetection – File pointers – Updating a file – Error Handling during file Operations – Commandline Arguments – Templates – Exception Handling.

18--hours

FILE OPERATIONS IN C++

Unit:5

	2 hours	
Unit:6	Contemporary Is: line seminars - webinars	
Expert lectures, onl	line seminars - webinars	
	90hours	
	The later of the l	

Text Book(s)

- 1 "Object oriented Programming in C++" Robert Lafore, Galgotia, 1994
- 2 C++ -The Complete Reference: Herbert Schilt,3rd Edition, Tata McGraw Hill, Pub-Ltd,1999

Reference Books

- 1 "Let us C++" YeswantKanetkar BPB Publications, 1999
- 2 Programming with C++ John R.Hubbard Schaum's outline series, 1996

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

- 1 https://cppinstitute.org/free-c-and-c-courses?gclid=EAIaIQobChMI8MHN3bn56wIVBwRgCh3EeQaYEAAYASAAEgKRVPD_BwE
- 2 https://beginnersbook.com/2017/08/c-plus-plus-tutorial-for-beginners/

Course Designed By:

Mapping with programme outcomes

Cos	PO1	PO2	PO3	PO4	PO5
CO1	S	S	S	M	S
CO2	M	S	S	S	M
CO3	S	M	M	S	S

CO4	S	S	S	M	S
CO5	S	M	S	S	M

*S- Strong, M-Medium, L-Low

Cour	rse code		TITLE OF THE COURSE	L	T	P	C
AL	LIED PAPER	III	MANAGERIAL ECONOMICS	4	-	-	4
	Pre-requisite		Basic knowledge on Managerial Economics	Sylla Ver		202	1-22
Cour	rse Objectives:	}					
The 1	main objectives	of th	is course are to:				
1.	Impart the know	wledg	e of students on economics and its theories.				
4.	Make the stude Analyze the ma	nts to arkets	rent types of markets in the currentscenario. understand the demand analysis for the different type for achieving business enterprisegoal. nd consequences of different market conditions.	es of pr	oduct	S.	
4. 5.	Make the stude Analyze the ma	ents to arkets uses a	understand the demand analysis for the different type for achieving business enterprisegoal. nd consequences of different market conditions.	es of pr	oducts	s.	
4. 5. Expe	Make the stude Analyze the ma Analyze the can ected Course C	ents to arkets uses a	understand the demand analysis for the different type for achieving business enterprisegoal. nd consequences of different market conditions.	es of pr	oduct	S.	
4. 5. Expe	Make the stude Analyze the ma Analyze the cau ected Course Cours	ents to arkets uses a Dutco compl	understand the demand analysis for the different type for achieving business enterprisegoal. nd consequences of different market conditions. mes:			s. K2	
4. 5. Expe	Make the stude Analyze the ma Analyze the can ected Course C the successful c Familiarize the	onts to arkets uses a one of the stu	understand the demand analysis for the different type for achieving business enterprisegoal. nd consequences of different market conditions. mes: etion of the course, student will be able to:]		
4. 5. Expe	Make the stude Analyze the ma Analyze the car ected Course C the successful c Familiarize the Make student applications	Outcomple tunded	understand the demand analysis for the different type for achieving business enterprisegoal. nd consequences of different market conditions. mes: etion of the course, student will be able to: dents with the basic concept of managerial economics]	K2	
4. 5. Expe On 1 2	Make the stude Analyze the ma Analyze the car ected Course C the successful c Familiarize the Make student applications Apply margin	Dutco complete stunder	understand the demand analysis for the different type for achieving business enterprisegoal. Ind consequences of different market conditions. mes: etion of the course, student will be able to: dents with the basic concept of managerial economics erstand the demand and supply analysis in business] F	K2 K2	

K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create

MANAGERIAL ECONOMICS Unit:1 15 hours

Managerial Economics – Meaning and Definition – Nature and Scope – Economic Theory – Divisions – Goals of a firm

DEMAND ANALYSIS 15 hours Unit:2

Demand Analysis - Meaning, Determinants of Demand - Law of Demand, Elasticity of Demand-Price, Incomeand Cross Demand – Demand Estimation and Demand Forecasting – Demand Distinctions.

Unit:3	PRODUCTION FUNCTION	15 hours
D 1 . D		1

Production Function – Meaning and Definition – Elasticity of Substitution and Production – Type of cost of Production – Long run and Short run cost.

Unit:4	MARKETS	15 hours

Markets – Forms of Market – Characteristics - Pricing Methods – Objects of pricing policies – Practices – Government intervention in Market.

Unit:5	PRICE THEROY	13 hours

Price Theory – Perfect Competition, Monopoly, Monopolistic competition, Monopsony,

Duopoly, Duopsony and Oligopoly.

Unit:6	CONTEMPORARY ISSUES	2 hours
Expert	online seminars – webinars	
lectures,		
	75 hours	
	and the second second	
	100 mm	
	. W.E. L.C.	
Toy t Dool (a)		
Text Book(s)		

- 1 R.L. Varshney and K.L. Maheshwari----Managerial Economics ----- Sulthan Chand and Sons
- 2 Alak Gosh and BiswanathGosh----ManagerialEconomics ---- Kalyani Publications

Reference Books

- 1 D.Gopalakrishna----ManagerialEconomics --- Himalaya PublishingHouse
- 2 S.Sankaran----ManagerialEconomics ---- Margham Publications

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

- 1 https://www.youtube.com/watch?v=ycyMktNFZ88&list=PLPjSqITyvDeV84Qiruw4xVWGQ PTctrlhg
- 2 https://www.youtube.com/watch?v=Q8RaIfn4-Cw
- 3 https://www.youtube.com/watch?v=n47SQ64MhYw&list=PLJumA3phskPFwp2XXInxCWpv28nPMimDU

Course Designed By:

Mapping with Programme Outcomes

COs PO1	PO2	PO3	PO4	PO5
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CO1	S	S	S	M	M
CO2	M	M	S	S	M
CO3	S	S	S	S	S
CO4	S	M	M	M	S
CO5	S	M	S	S	S

S- Strong; M-Medium; L-Low

Course code	TITLE OF THE COURSE	L	T	P	C
Core XI	Computer Application C++ - Practical II	_		4	4
Pre-requisite	Basic knowledge in C++	Sylla	bus	202	1-22
_		Versi	on		

Course Objectives:

The main objectives of this course are to:

- 1. To perform various accounting procedures using C++
- 2. To prepare the book list oflibrary
- 3. To prepare and access various students file

Expected Course Outcomes:

On the successful completion of the course, student will be able to:

1	Applying various functions in preparing accounting procedures	K3
2	Applying C++ in marginal cost accounting	К3
3	Evaluating simple interest and compound interest	K5
4	Understanding library book list	K2
5	Remembering and accessing students files	K1

K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create

OOPS WITH C++

- 1. Program to calculate depreciation under Straight Line method and Diminishing Balance method (using class, defining member functions outside theclass).
- 2. Program to calculate depreciation under Diminishing Balance method (Using class, defining member function inside theclass)
- 3. Program to calculate Economic Order Quantity (using nesting of memberfunction).
- 4. Program to print the Employees' payroll statement (using controlstructures).
- 5. Program to calculate simple Interest and compound Interest(using nestedclass).
- 6. Program to calculate net income of a family(using friend function in two classes).
- 7. Program to print the book list of library(using array of objects).
- 8. Program to prepare cost sheet (usinginheritance).
- 9. Program to calculate margin of safety (using multilevelinheritance).
- 10. Program for bank transaction (using constructor anddestructor).
- 11. Program to calculate increase or decrease in working capital using operatoroverloading.
- 12. Program to create the student file and prepare the marks slip by accessing thefile.

Total = 60 Hours

Mapping with programme outcomes								
Cos	PO1	PO2	PO3	PO4	PO5			
CO1	S	S	S	S	S			
CO2	S	S	S	S	S			
CO3	S	S	S	S	S			
CO4	S	S	S	S	S			
CO5	S	S	S	S	S			

Page 32 of 86

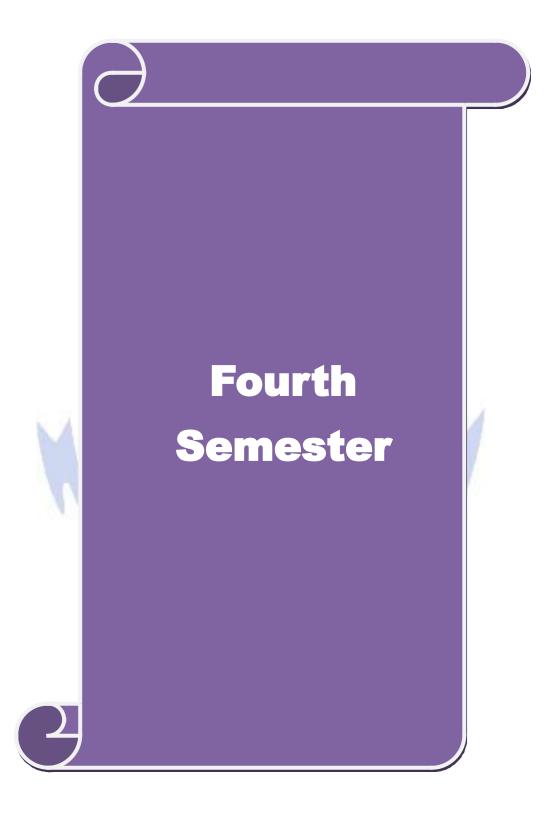
Course code	urse code Marketing Management L						
Skill based sub	ject - I	Basic knowledge in marketing concepts	3	-	-	-3	
Pre-requisite			Syllabu Versio n		2021	l-22	
Course Object	ives:			Į.			
The main object							
		views ofmarketing					
3. To have an ide		ding about product life cycle					
pricing policies	ou uooui	•					
	ıt chann	els ofdistribution					
5. To have an ur	nderstan	ading about the techniques of salespromotion					
Even a -4 - J. C	O . ′						
On the success		apletion of the course, student will be able to:					
		ews on marketing			K1		
		rept of product life cycle		K1 K2			
		at pricing techniques for different products K3					
		nels of distribution			K2		
		And the latest the lat					
		s of sales promotion	1 776		K2		
KI - Rememb	er; K2 -	Understand; K3 - Apply; K4 - Analyze; K5 - Evalu	ate; K6 -	Creat	e		
Unit:1		Evaluation of marketing	MAN.	10	hour	š	
concepts-marke	ting con	g –Mod <mark>ern views on marketing –concepts- p</mark> roduct cocept-societal concepts- market planning process- mategy-functions of marketing management	_	elling			
Unit:2		Product decision		8h	ours		
positioning-brand-growth maturity	nding ar ty and d	uct meaning and role – product mix decision – product nd packaging –product life cycle –marketing strategic eclining stages –new product development process – new product –various stages in new product development	es for intro- meaning	of nev		duc	
Unit:3		Pricing decision		8h	ours		
pricing – pricing	g strateg	ning and role of pricing – pricing objectives – pricing gy for different stages in the life cycle of a product – ricing strategy merits and demerits				ine	

Channel decision – role of distribution channel – classification of channel and intermediaries-changes in channel of distribution – intensive, extensive and selection distribution – factors governing choice of channel- selection of channel for new product or new company.

Unit:5	Promotional decision	8hours						
Promotional decision – promotional mix –advertising – meaning and role of advertising – management of advertising – personal selling – importance – status of personal selling in Indiamanagement of sales force – sales promotion – sales promotion objective- major decision in sales								
	t sales force – sales promotion – sales promotion objective- may ealers and at dealers and at customers level.	or decision in sales						
Unit 6	Contemporary issues	2 hours						
	Expert lectures and seminars							
	TOTAL	45 hours						
Text Book(s)								
1 Marketin	g management - C.B.Mamoria and Sathishmamoria							
2 Principle	s and practice of marketing in India - C.M.MamoriaandR.L.Josh	ni						
3								
Reference Bo	ooks							
1 Marketin	1 Marketing Management – Philip kotler							
Related Onli	ne Contents [MOOC, SWAYAM, NPTEL, Websites etc.]							
1 -								

Mapping with	Mapping with Programme Outcomes								
COs	PO1	PO2	PO3	PO4	PO5				
CO1	S	M	M	S	S				
CO2	M	M	S	M	S				
CO3	M	S	M	S S	S				
CO4	S	S	M	M	S				
CO5	S	M	S	S	S				

S- Strong; M-Medium; L-Low



Course code		TITLE OF THE COURSE	L	T	P	(
Core VIII		Corporate Accounting	4	_	-		
Pre-requisite Basic knowledge incompany accounts Sylla Vers						1-2	
Course Object	ives:						
		ncepts of companyaccounts					
		tuations of redemption of shares anddebentures					
		ocess of determining managerialremuneration	, ,.				
		s of accounts during amalgamation and external reconstends of valuation of goodwill and procedure of liquity					
J. 10 analyze	various iii	ethods of variation of goodwin and procedure ornqu	luation				
Expected Cour	rse Outcon	nes:					
On the success	sful comple	etion of the course, student will be able to:					
	Recalling various methods of preparing company accounts						
2 Analyze	the redemp	ptions of shares and debentures			K	4	
11.	<u> </u>	methods of calculating managerial remuneration			K	3	
		f accounts during amalgamation and reconstruction			K	4	
111		of goodwill and preparing accounts during liquidation			K	3	
K1 - Rememb	er; K2 - Ur	nd <mark>erstan</mark> d; K3 - Apply; K4 - A <mark>nalyze; K5 - Ev</mark> aluate;	K6 - C	reate			
Unit:1		ISSUE OF SHARES AND DEBENTURES		20h	nurs		
Unit:2	The same	- right issue - under writing. EMPTION OF PREFERENCE SHARES AND DEBENTURES	7	18h	ours		
Redemption of corporation	f preference	e shares and debentures – acquisition of business – pr	ofits p	rior to)		
		9 A					
Unit:3		FINAL ACCOUNTS OF JOINT STOCK COMPANIES		17h	ours		
		on of final accounts of joint stock companies as per c tion of managerial remuneration	ompan	y law			
Unit:4		AMALGAMATION, ABSORPTION & RECONSTRUCTION		15h	ours		
Reduction and (excludinginte	_	ation of share capital – Amalgamation, absorption and holdings).	l re-cor	ıstruc	tion		
Unit:5	\	VALUATION OF SHARES AND GOODWILL		18h	ours		
Valuation of	shares and	goodwill – liquidation of companies					
Unit:6		Contemporary Issues		2	houi	•6	
~ III t • U		Contomporary issues			<u> </u>	. 13	

Expert online seminars - webinars lectures,

		1					90hc	line.	
							7UN(urs	
					-				
					9				
				P	///				
_T€	ext Book(s)		1	7 4	DE.	147			

- Shukla&Grewal: Advanced Accounting, (S Chand, N.Delhi, 2000)
- Gupta, R.L & Radhawsamy, M: Advanced Accounting, (S. Chand, N.Delhi, 2002)
- Arulanandam& Raman: Advanced Accounting, (Himalaya Publ., N.Delhi, 1999)
- Jain & Narang: Advanced Accounting, (Kalyani Publ., N.Delhi, 2005)

Reference Books

- Hanif& Mukherjee: Corporate Accounting, (Tata McGraw-Hill, New Delhi, 2006)
- Maheshwari&Maheshwari: Advanced Accountancy, (Vikash Publ., N.Delhi, 2000)
- Basu& Das: Practice in Accountancy, (Rabindra Library, Kolkata, 2003)

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

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4

Course Designed By:

Mapping with programme outcomes

Cos	PO1	PO2	PO3	PO4	PO5
CO1	S	S	S	S	S
CO2	S	S	M	M	S
CO3	M	M	S	S	S

CO4	S	S	S	M	M
CO5	M	M	S	S	S

S- Strong; M-Medium; L-Low

	rse code TITLE OF THE COURSE L T								
Core IX	Networking Management	3	_	-	3				
Pre-requisite	e-requisite Basic Knowledge of Communication Networks Syllabus Version								
Course Objecti									
 To provide To offer ins To analyze 	and various trends in datacommunication knowledge about the fundamentals of datacommunications sight aboutnetworking different kind of network knowledge about efficient networkmanagement								
Expected Cour									
On the success	ful completion of the course, student will be able to:								
1 Recalling	g various trends in data communication			K	1				
2 Understa	nding the fundamentals of communication			K	2				
3 Applying	g different kinds <mark>of networking techniques</mark>			K	3				
4 Analysing	g different kin <mark>ds of networks</mark>			K	4				
5 Understa	nding and managing a network system			K	1				
K1 - Remembe	er; K2 - Unde <mark>rstan</mark> d; K3 - Apply; K4 - Analyze; K5 - Evaluate;	K6 - C	reate	;					
Unit:1	INTRODUCTION		12	-hou					
			12	-nou	rs				
Components of Network Applic			ommu d Ne	nicat twor	tions king				
Components of	Data Communications, Trends in Computer Communication		ommu d Ne	nicat	tions king				
Components of Network Applic Unit:2	Data Communications, Trends in Computer Communications. FUNDAMENTALS OF DATA	ons an	ommu d Ne	nicat twor	tions king rs				
Components of Network Applic Unit:2 Fundamentals o	Data Communications, Trends in Computer Communications. FUNDAMENTALS OF DATA COMMUNICATIONS AND NETWORKING	ons an	ommu d Ne 12	nicat twor	tions king rs				
Components of Network Applic Unit:2 Fundamentals o and Circuits, and	FUNDAMENTALS OF DATA COMMUNICATIONS AND NETWORKING f Data Communications and Networking: Physical Layer: Arch	ons an	nmud Ne	nicat twor	king rs				
Components of Network Applic Unit:2 Fundamentals o and Circuits, and Networks. Unit:3	FUNDAMENTALS OF DATA COMMUNICATIONS AND NETWORKING f Data Communications and Networking: Physical Layer: Arch d Data Transmission., Data Link Layer: Media Access Control,	ons an	nmud Ned Ned 12	nicat twor -hou vices	king rrs				
Components of Network Applic Unit:2 Fundamentals of and Circuits, and Networks. Unit:3 Networking:	FUNDAMENTALS OF DATA COMMUNICATIONS AND NETWORKING f Data Communications and Networking: Physical Layer: Arch d Data Transmission., Data Link Layer: Media Access Control, NETWORKING	itecture Error C	12 es, De Contro	nicat twor -hou evices ol in -hou Area	king rrs				
Components of Network Applic Unit:2 Fundamentals o and Circuits, and Networks. Unit:3 Networking: Network (LAN)	FUNDAMENTALS OF DATA COMMUNICATIONS AND NETWORKING f Data Communications and Networking: Physical Layer: Arch d Data Transmission., Data Link Layer: Media Access Control, NETWORKING twork Layer: Network Protocols, Network Addressing and Routenset.	itecture Error C	es, De Contro	nicat twor -hou evices ol in -hou Area	rs rs				
Components of Network Applic Unit:2 Fundamentals o and Circuits, and Networks. Unit:3 Networking: Network (LAN) Performance Unit:4	FUNDAMENTALS OF DATA COMMUNICATIONS AND NETWORKING f Data Communications and Networking: Physical Layer: Arch d Data Transmission., Data Link Layer: Media Access Control, NETWORKING twork Layer: Network Protocols, Network Addressing and Rou : LAN Components, Ethernet, Token Ring ,Selecting a LAN, In	itecture Error (12 es, De Contro 12 ocal A	nicat twor -hou vice: ol in -hou Area	rs rs				

Unit:5	NETWORKING MANAGEMENT	10hours
Matrica de Mana	Samuel Design of Design of Networks Network Management	and Materials

Security.		
Unit:6	Contemporary Issues	2 hours
Expert	online seminars - webinars	
lectures,		
	Total Lecture hours	60-hours
Text Book(s)		
•	Gerald and Alan, Dennis (2002). Business Data Communications & ey & Sons	Networking.
2 Tanenbau	m, A. S. (2004). Computer Networks. Pearson Education.	
Reference B	ooks	
1 David A	Stamper (2003). Business Data Communications. Addison Wesley.	
2		
Related Onl	ine Contents [MOOC, SWAYAM, NPTEL, Websites etc.]	
1		
2		
4		
	SE.	
Course Design	gned By:	

Mapping with programme outcomes								
Cos	PO1	PO2	PO3	PO4	PO5			
CO1	M	S	M	S	S			
CO2	S	S	S	S	S			
CO3	S	M	S	M	S			
CO4	M	S	M	S	M			
CO5	S	S	S	S	S			

S- Strong; M-Medium; L-Low

Core X Pre-requis						
Pre-requis		Software Development in VB	3	-	-	3
	ite	Basic knowledge inVisual basic	Sylla Vers		2021-22	
Course Obj	ectives:					
 To pro To pro To pro 	vide knowled vide knowled vide insights	ge about various variables used in visual basic ge about various controls in visual basic about menueditor ion about DDEproperties				
-	ourse Outcor	· ·				
		etion of the course, student will be able to:				
1 Reca	l working in					
	paring various basics	kind of variables in K3				
3 Appl	ying control in	ı vi <mark>sual b</mark> asic K4				
·	zing using me	DDE properties	M			
K1– Remer	nber; K2 – Un	derst <mark>and; K3– Apply; K4– Analyze; K5– Ev</mark> aluate; I	K6– Creat 15hours	2		
	the IDE – At	asic: Integrated Development Environment (IDE natomy of a form – working with form properties -	- Introduc	ing fo		
Unit:2		VARIABLES IN VISUAL BASIC	10hours			
The ScopeScope of a CDynamic ArProcedure –	of a variable constant – Con rays – Preserv Subroutine ar	Declaring Variables – Data types – Null Value, Er – Module Level Variables – Constants – Creating nverting Data Types – Arrays – Declaring Arrays – Ve Keyword – RDMIM. Writing code in Visual Band functions – Language Constructs : For Next, T tement, With Structure. STANDARD CONTROLS	your own - Fixed Sizesic: The A	Cons ze Ar	tants rays my o	– – f a

Unit:3

objects – Picture boxes – Timer – Scroll bars – File System Controls (Drive, Dirlist, File List Boxes).

BUILT-IN ACTIVEX 15--hours Unit:4 CONTROL

Introduction to Built-in ActiveX Control: Tool bar – The Treeview control – The Listviewcontrol – the imagelist control – Common Dialog Control – StatusBar Control – Rich Textbook Control – Menu Editor.

Page 40 of 86

Unit:5	DDE PROPERTIES 8-hours
Unitis	
DDE Duomon	tion DDE Events DDE Methods OLE Duamenties Active V Control Cuestions
	rties — DDE Events — DDE Methods — OLE Properties — ActiveX Control Creations ActiveX DLL Creation and Usage — Data Base Access — Data Control — Field Contro
	ecord set using SQL to manipulate Data – Open Data base Connectivity (ODBC).
Unit:6	2 hours Contemporary Is:
	ures, online seminars – webinars
	60hours
	ou-nours
	25 6
	The second secon
	and the same of th
Text Book(
1 Mohami	med Azam, Programming with Visual Basic 6.0.– IKAS publishing house (P) Ltd.
2	TOWN THE PLANT
D . f	Darder
Reference	BOOKS
1	
2	
2	
Related Or	nline Contents [MOOC, SWAYAM, NPTEL, Websites etc.]
1 https://	/www.youtube.com/watch?v=-HNNCem5MoQ
2 https://	/www.youtube.com/watch?v=bCMWfzPONJg
3 https://	/www.youtube.com/watch?v=hfqqRUAXCC0

Course Designed By:

Mapping with programme outcomes

Cos	PO1	PO2	PO3	PO4	PO5
CO1	S	S	S	M	S
CO2 CO3	S	M	S	S	M
CO3	S	S	S	S	S
CO4	M	M	S	M	M
CO4 CO5	S	S	M	S	S

S- Strong; M-Medium; L-Low

Course code	TITLE OF THE COURSE	L	T	P	C
Core-XI	Computer Application Visual Basic Practical II	-	-	4	4
Pre-requisite	Basic knowledge in visual basic	Sylla	bus	202	1-22
_		Versi	on		

Course Objectives:

The main objectives of this course are to:

- 1. To understand the basic alignment and formatting
- 2. To apply various financial managementtechniques
- 3. To create bank customer data base and supermarket bills using VB

Expected Course Outcomes:

On the successful completion of the course, student will be able to:

1	Understanding the basic alignment and format function in VB	K2
2	Applying visual basic for capital budgeting and financing decisions	K3
3	Applying visual basic for budget preparation and highlighting	K3
4	Creating supermarket customers' bills	_K6
5	Creating bank customer data base	K6

K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create

COMPUTER APPLICATIONS PRACTICAL II -VISUAL BASICS 60 Hours

- 1. Design a form with text box to perform the alignment and formatfunction.
- 2. Design a form to display the list of products by declaring arrayfunction.
- 3. Design a form to calculate capital budgeting technique by declaringfinance function and variable declaration using option button (Radio/Checkbox).
- 4. Design a form to display an advertisement banner using image boxcontrol with stringfunction.
- 5. Design a form to compute cost of capital using finance function in visualbasic using checkbox.
- 6. Design a form to perform working capital analysis by declaring finance function using flex gridcontrol.
- 7. Design a form to display Break-even analysis using line and chartcontrols, by declaring variables.
- 8. Design a form to present product details like purchases, sales, profit, etc by declaring array functions and present the details in a rich textbox(RTF).
- 9. Design a form to display Product Life Cycle using slidercontrol.
- 10. Design a Pay Slip for an organization and create a data base using SQL and Data Control.

- 11. Design the form to display the highlights of the budget using optionbutton and animation.
- 12. Design a supermarket bill to display the sales invoice, and create adatabase using Data Control, option button, , check box, date picker, etc.
- 13. Design the form to create a bank customer database by declaring simple array and multiple arrays using Data Control.
- 14. Design a form to calculate minimum, maximum, reorder, reorder quantity, EOQ and display the inventory control records using data object.
- 15. Design the form to display tree view and list of folders and files from a directory of an organization.

Page 42 of 86

Mapping with	Mapping with programme outcomes						
Cos	PO1	PO2	PO3	PO4	PO5		
CO1	S	S	S	S	S		
CO2	S	S	S	S	S		
CO3	S	S	S	S	S		
CO4	S	S	S	S	S		
CO5	S	S	S	S	S		

S- Strong; M-Medium; L-Low



Course code	TITLE OF THE COURSE	L	T	P	(
Core XII	Banking theory	3	-	-	
Pre-requisite	Basic knowledgeinbanking	Syll: Vers	abus sion	2021	1-22
Course Objectives:					
	s of this course are to: ze the working of bankingsystem				
3. To analyze the4. To evaluate the					
5. To analyze the	role of banks in ruralfinancing				
Expected Course (Outcomes:				
On the successful of	completion of the course, student will be able to:				
	ng the various aspects and working of banking industry			K	.1
2 Comparing v	various trends in banking industry			K	.2
	ne role of central banking system			K	.4
4 Remembering the role and functions of SBI					1
	ng the role of banking in rural financing and development			K	2
K1– Remember; K	K 2 –Un <mark>destand</mark> ; K3– Apply; K4– Analyze <mark>; K5– Evalu</mark> ate; I	46 – Cre	ate		
Unit:1	INTRODUCTION OF BANKING		8	nour	S
	Definition of banking — Classification of banks — Banking syniversal banking & Banking markets- Functions of Modern				
Unit:2	RECENT TRENDS IN INDIAN BANKING	- 1	9	hour	S
Recent trades in In cards – Credit card	idian banking – Automat <mark>ed Teller M</mark> achines – Customer se ls – E-banking	rvices –	- Debi	it	
Unit:3	CENTRAL BANKS		8	hour	S
	unctions – Credit control measures – Quantitative and select f RBI in regulating and controlling banks	tive cre	dit co	ntrol	
Unit:4	STATE BANK OF INDIA		7-	-hou	rs
State bank of Ind	ia – Evolution – Functions – Role of SBI in Economic Dev	elopme	ent		
State ballk of Thu					re
Unit:5	COMMERCIAL BANKS		11-	-hou	13

Unit:6	Contemporary Issues	2 hours
Expert	online seminars – webinars	
lectures,		
	Total Lecture hours	45hours
Text Book(s)		
1 Banking o	of india - Panandigar . S.J	
2 A text boo	ok of banking - Radhasamy .M &Vasudevan . S.V	
3 A text boo	ok of banking - Maheswari .S.N	
Reference Be	ooks	
1 Indian b	anking - Natarajan .S &Parameshwaran .R	
2 Banking	and financial system - Santhanam	
Related Onli	ne Contents [MOOC, SWAYAM, NPTEL, Websites etc.]	
1	ine contents [11000, 5 William, 141 122, Websites etc.]	
2		
4		
- 1		
Course Desig	ened By:	

Mapping with	h programm <mark>e ou</mark>	tcomes	-	2	
Cos	PO1	PO2	PO3	PO4	PO5
CO1	S	S	S	S	S
CO2	M	S	S	S	S
CO3	S	M	S	M	S
CO4	S	S	M	S	M
CO5	M	S	S	S	S

S- Strong; M-Medium; L-Low

Course code	TITLE OF THE COURSE	L	T	P	C
Allied IV	PRINCIPLES OF MANAGEMENT	3	-	_	3
Pre-requisite	Basic knowledge of Principles of Management	Syllal Versi		20	21-22
Course Objectives:					
	ves of this course are to: ze on the functions and theories of principles ofmanagement	t.			
3. Make the stu4. Acquire the	dents to study about the different types of managementthe dents to understand the delegation of power and control. detailed knowledge on communication inmanagement. Indents to understand the motivational theories.	ories.			
Expected Course					
	il completion of the course, student will be able to:				
1	lize the nature and scope of Management process			K	
2 Understand	d the Planning a <mark>nd decision-making process.</mark>			K	2
3 Enlighten	about the organi <mark>zation</mark> and organization structure.			K	1
4 Enumerate	Theories of motivation and incentives.			K2	
5 Make the s	students to u <mark>ndersta</mark> nd the Co-ordination and control process	S.		K	2
K1 - Remember:	; K2 - Unde <mark>rstand; K3</mark> - Apply; K4 - Analyze; K5 - Evalua	te; K6 –	Crea	te	
Unit:1	MANAGEMENT AND ADMINISTRATION		/ 1	5 hou	irs
	nagement – Ma <mark>nagement and Administration – Nature</mark> and nagement - Contrib <mark>ution of F.W. Taylor – Heniry Fa</mark> yol – M r F. Drucker.				
Unit:2	PLANNING		8 h	ours	
	ning – Nature and Importance of Planning – Planning promi Decision Making.	ses – Me	thod	s and	
Unit:3	ORGANIZATION			iours	
Organization -	Meaning, Nature and Importance – Process of Organ Organization Structure – Span of Control – Organizate ecentralization–Authority relationship Line, Functional				
Unit:4	MOTIVATION		10 l	ours	
	ed – Determinants of behaviour – Maslow"s Theory of Mot X, Y and Z theories – Leadership styles – MBO – Managem		- Mo	tivatio	on Theorie
Unit:5	COMMUNICATION IN MANAGEMENT		15 h	ours	
O IIII			10 11	vuis	

 $\label{lem:communication} Communication\ in\ Management\ -\ Co-Ordination\ -\ Need\ and\ Techniques\ -\ Control\ -\ Nature\ and\ process\ of\ Control\ -\ Techniques\ of\ Control\ .$

	CONTEMPORARY ISSUES	2 hours
Expert	online seminars – webinars	
lectures,		
	Total Lecture hours	60 hours
Text Book	$\overline{(s)}$	
1 Princip	les of Management - Koontz and O"Donald	
2 Busines	ss Management - Dinkar – Pagare	
3 The Pri	nciples of Management - Rustom S. Davan	
Reference	Books	
1 Busine	ess Organization and Management - Y. K. Bhushan	
2 Busine	ess Management – Chatterjee	
Related O	nline Contents [MOOC, SWAYAM, NPTEL, Websites etc.]	
1 https://	//www.youtube.com/watch?v= <u>nikDhY1z8s</u>	
2 https://	//www.youtube.com/watch?v=nZd3tUvfjq4&t=89s	
_	//www.youtube.c <mark>om/watch?v=xCEAiy51oS8&list=PLG</mark> RG6Dk7lyZ7 /7y98mE	vBWcAPIxfyF

	Ma	pping with Pro	ogram <mark>me Out</mark> con	nes	
COs	PO1	PO2	PO3	PO4	PO5
CO1	S	S	S	M	M
CO2	M	S	S	S	S
CO3	S	S	S	S	S
CO4	S	M	M	S	S
CO5	S	S	S S	S	S

S- Strong; M-Medium; L-Low

Course code	TITLE OF THE COURSE	L	T	P	C
Skill Based Subject - 2	E -BUSINESS	3	-	-	3
Pre-requisite	Basic knowledge of E-business	Syllab Versio		202	21-22
Course					

Course Objectives:

The main objectives of this course are to:

- 1. To acquire the basic concept of E- Business and related information technology
- 2. To enable the students on Intranet and Extranet
- 3. To impart knowledge on Security Threats in E-business
- 4. To gain knowledge on Electronic Payment System
- 5. To know E-Business Applications and Strategies

Expected Course Outcomes:

On the successful completion of the course, student will be able to:

1	Understand the basic concept of E- Business and its applications	K1
2	To gain the knowledge on EDI	K2
3	To analyse security threats in E-Business	K1
4	Apply various digital payment methods	K2
5	To gain knowledge on E-business models and recent trends in E-business	K2
		P NOT

K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create
Introductio 10 hours

Unit:1 Introductio 10 hours
e-business

Introduction to e-business: Electronic Business, Electronic Commerce, Electronic Commerce Models, Types of Electronic Commerce, Value Chains in Electronic Commerce, E-Commerce in India. Internet, World Wide Web, Internet Architectures, Internet Applications, Web Based Tools for Electronic Commerce,

Unit:2 Composition of 8 hours
Intranet and
Extranet

Intranet, Composition of Intranet, Business Applications on Intranet, Extranets Electronic Data Interchange, Components of Electronic Data Interchange, Electronic Data Interchange Communication Process)

Unit:3 Security Threats 9 hours to e-business

Security Threats to e-business, Security Overview, Electronic Commerce Threats, Encryption, Cryptography, Public Key and Private Key Cryptography, Digital Signatures, Digital Certificates, Security Protocols over Public Networks: HTTP, SSL, Firewall as Security Control, Public Key Infrastructure (PKI) for Security, Prominent Cryptographic Applications.

Electronic Payment System

8 hours

Electronic Payment System, Concept of Money, Electronic Payment System, Types of Electronic Payment Systems, Smart Cards and Electronic Payment Systems, Infrastructure Issues in EPS, Electronic Fund Transfer.

Unit:5 E-Business
Applications and
Strategies

8 hours

E-Business Applications & Strategies- Business Models & Revenue Models over Internet, Emerging Trends in e-Business, e-Governance, Digital Commerce, Mobile Commerce, Strategies for Business over Web, Internet based Business Models.

Page 48 of 86

Unit:6	CONTEMPORARY ISSUES	2 hours
Expert	online seminars – webinars	
lectures,		
	45 hours	
	9 9	
	. S.E. C.	
	THE RESERVE	
Text Book(s	S)	1

- 1 Whitley, David (2000). e-Commerce Strategy, Technologies and Applications. Tata McGraw Hill.
- 2 Schneider Gary P. and Perry, James T (1st Edition 2000). Electronic Commerce. Thomson Learning.

Reference Books

- Bajaj, Kamlesh K and Nag, Debjani (Ist Edition 1999). E-Commerce: The Cutting Edge of Business. Tata McGraw Hill, Publishing Company Ltd., New Delhi.
- 2 Dr.C.S.Rayudu,"E-Commerce &E-Business", Himalaya Publishing House, New Delhi, 2004.

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

- 1 https://searchcio.techtarget.com/definition/e-commerce#:~:text=E%2Dcommerce%20(electronic%20commerce)%20is%20the%20buyin g%20and%20selling,or%20consumer%2Dto%2Dbusiness.
- 2 https://ecommerceguide.com/guides/what-is-ecommerce/

3

Course Designed By:

COs	PO1	PO2	PO3	PO4	PO5
CO1	S	S	S	S	S
CO2	S	S	S	S	S
CO3	S	S	S	S	S
CO4	S	S	S	S	S
CO5	S	S	S	S	S

S- Strong; M-Medium; L-Low



Course code		TITLE OF THE COURSE	L	T	P	•	
Core XIII		SOFTWARE ENGINEERING	4	-	-		
Pre-requisite		Basiccomputerknowledge	_	llabus ersion	2021	1-2	
Course Object	tives:						
		s course are to:					
•		n about various softwareproducts					
		re project planning andscheduling					
		n about COCOMOmodel cess of software quality assurance and config	gurationmans	agement			
		cess of riskmanagement	Sarationinant	<i>.</i> 501110111			
Expected Cou							
		etion of the course, student will be able to:			1		
		oftware products			K		
		process of software project planning and sch	eduling		_	2	
	g COCOM				-	[3	
		e quality assurance procedures			_	[5	
		isk management strategies			K	.3	
K1 - Rememb	er; K2 - U ₁	<mark>ndersta</mark> nd; K3 - Apply; K4 - Analy <mark>ze; K5 - I</mark>	Evaluate; K6	- Create)		
Unit:1		SOFTWARE PRODUCT AND PROCESS	2	20ho	1116		
	luct and	Process: Software Characteristics & Ap					
		Models; Linear Sequential Model, Prototyping M	•		-		
Evolutionary S	oftware Pro	oces <mark>s Models, Softw</mark> are <mark>Development Proc</mark> es	S				
11:4-2	1 /0	SOFTWARE PROJECT PLANNING A	ND	10 ha			
Unit:2		SOF I WAKE PROJECT PLANNING A SCHEDULING	עאו	18ho	urs		
		8					
		and Scheduling: Software Requirement, Software Notice Principles Software Principles S					
		nts Validation, Software Design Principles, S riented, Software Metrics, Software Cost Est		eci. Esti	папо)11:	
Unit:3		SOFTWARE MODEL		171	nours	S	
	•	Scheduling, Software Staff & Personnel Plann on & Control Structure. Project Monitoring & Control Structure.					
	oftware Team Organization & Control Structure. Project Monitoring & Control Techniques Unit:4 SOFTWARE QUALITY ASSURANCE & 15hour						

Unit:5	RISK MANAGEMENT	18hours

Assurances, Software Testing, Formal Technical Reviews, ISO Software Quality, Standards,

Software Configuration Management, SCM Process, Configuration Audit.

	tion, Risk Mitigation, Risk Monitoring
and Manage	ement 2 hours
TT 1. 6	2 hours
Unit:6	Contemporary Is:
Expert lec	tures, online seminars - webinars
	90hours
	and the second second
'	

Text Book(s)

- 1 Roger. S. Pressman (2001). Software Engineering: A Practioner's Approach. McGrawHill, New Delhi,
 - Fifth Edition.
- 2 Aggarwal, K.K.& Singh, Yogesh (2005). Software Engineering. New Age International.

Reference Books

Walker Royce (2001). Software Project Management: A Unified Framework. PearsonEducation Asia, Singapore, First Edition.

2

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

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4

Course Designed By:

Mapping with programme outcomes

Cos	PO1	PO2	PO3	PO4	PO5
CO1	S	S	S	S	S

CO2	S	S	M	M	M
CO3	S	S	S	S	S
CO4	M	S	M	S	S
CO5	S	S	S	M	S

Course code TITLE OF THE COURSE L T							(
Core XIV		Managem	ent Accounting	4	-	-	-
Pre-requisite			edgeInAccounting	Sylla Vers	abus ion	2021	-22
Course Objec							
The main object							
1. To underst	and the pro	edures and concepts of	fmanagementaccounting				
11.		iques of financialanaly					
		d of ratio analysis for d					
		und flow statements ar edure of marginalcosti	nd cash flowstatements				
J. 10 underst	and the prot	cdure of marginalcosti	ng				
Expected Cou	rse Outcon	P&•					
		ion of the course, stud	ent will be able to:				
		s and techniques of ma				K	
			ysis for decision making			K.	3
		atements using ratio an				K4	
			ow statements and cash flo	ow stateme	ents	K4	
			s using marginal costing t			K	
			K4 - Analyze; K5 - Evalua		reate	111	_
Terroment	701, 112 01	aestana, 110 71ppiy, 1	Timaryze, 143 Evarac	, IXO C			
Unit:1		NATURE AND SCO	PE OF MANAGEMENT		15ho	urs	
C III to I					ativac	1	
	lanagement	Accounting-Need and	impo <mark>rtan</mark> ce <mark>-MeaningDe</mark> fir	nition-Obje	curves	•	
Introduction-M And Scope, its	distinction	between Financial and	Cost accounting-Advantag	ges and lin			
Introduction-M And Scope, its	distinction	between Financial and		ges and lin			
Introduction-M And Scope, its Management a	distinction	petween Financial and anagement - Accounta	Cost accounting-Advantagnt-Role-Essential qualities	ges and lin	nitatio	ns of	
Introduction-M And Scope, its Management a Unit:2	distinction ccounting n	between Financial and anagement - Accounta	Cost accounting-Advantagnt-Role-Essential qualities MENT ANALYSIS	ges and lin	nitatio	ours	nts-
Introduction-M And Scope, its Management a Unit:2	distinction ccounting n	between Financial and anagement - Accounta FINANCIAL STATE Analysis-Interpretation	Cost accounting-Advantagent-Role-Essential qualities MENT ANALYSIS and criticism of	ges and lin	nitatio	ns of	nts-
Introduction-M And Scope, its Management a Unit:2	distinction ccounting n	between Financial and anagement - Accounta	Cost accounting-Advantagent-Role-Essential qualities MENT ANALYSIS and criticism of	ges and lin	nitatio	ours	nts-
Introduction-M And Scope, its Management a Unit:2	distinction counting n	between Financial and anagement - Accounta FINANCIAL STATE Analysis-Interpretation	Cost accounting-Advantagent-Role-Essential qualities MENT ANALYSIS and criticism of	ges and lin	nitatio 10ho sta	ours	
Introduction-M And Scope, its Management a Unit:2 Financial Sta Trend percent Unit:3 Ratio Analysis	atement ages-Inter f	FINANCIAL STATE Analysis-Interpretation rm Comparison-Neces ATIO ANALYSIS dvantages, limitations,	Cost accounting-Advantagent-Role-Essential qualities MENT ANALYSIS and criticism of sity and limitations Balance sheet ratios, Prof	ges and lings financial fit & Loss	10ho	ours temer	
Introduction-M And Scope, its Management a Unit:2 Financial Sta Trend percent Unit:3 Ratio Analysis	atement ages-Inter f	FINANCIAL STATE Analysis-Interpretation rm Comparison-Neces ATIO ANALYSIS dvantages, limitations,	Cost accounting-Advantagent-Role-Essential qualities MENT ANALYSIS and criticism of sity and limitations	ges and lings financial fit & Loss	10ho	ours temer	
Introduction-M And Scope, its Management a Unit:2 Financial Sta Trend percent Unit:3 Ratio Analysis Liquidity, Solv	atement ages-Inter f -Meaning, arency ratios,	FINANCIAL STATE Analysis-Interpretation rm Comparison-Neces ATIO ANALYSIS dvantages, limitations, Overall Performance re	Cost accounting-Advantagent-Role-Essential qualities MENT ANALYSIS and criticism of sity and limitations Balance sheet ratios, Profatios (Advanced Problems	Financial Tit & Loss	10ho sta 10 A/c Ra	ns of ours temen hours ntios,	3
Introduction-M And Scope, its Management a Unit:2 Financial Sta Trend percent Unit:3 Ratio Analysis Liquidity, Solv Unit:4	atement ages-Inter for Meaning, arency ratios,	FINANCIAL STATE Analysis-Interpretation rm Comparison-Neces ATIO ANALYSIS dvantages, limitations, Overall Performance ra	Cost accounting-Advantagent-Role-Essential qualities MENT ANALYSIS and criticism of sity and limitations Balance sheet ratios, Profatios (Advanced Problems SH FLOW STATEMENT	financial it & Loss	10he sta 10 A/c Ra	ns of ours temen hours ntios,	3
Introduction-M And Scope, its Management a Unit:2 Financial Sta Trend percent Unit:3 Ratio Analysis Liquidity, Solv Unit:4 Fund flow state	atement ages-Inter formation. -Meaning, arency ratios, rement and comment and	FINANCIAL STATE Analysis-Interpretation rm Comparison-Neces ATIO ANALYSIS dvantages, limitations, Overall Performance ra	Cost accounting-Advantagent-Role-Essential qualities MENT ANALYSIS and criticism of sity and limitations Balance sheet ratios, Profatios (Advanced Problems	financial it & Loss	10he sta 10 A/c Ra	ns of ours temen hours ntios,	3
Introduction-M And Scope, its Management a Unit:2 Financial Sta Trend percent Unit:3 Ratio Analysis Liquidity, Solv Unit:4 Fund flow state	atement ages-Inter formation. -Meaning, arency ratios, rement and comment and	FINANCIAL STATE Analysis-Interpretation rm Comparison-Neces ATIO ANALYSIS dvantages, limitations, Overall Performance ra UND FLOW AND CA ash flow statement-adv	Cost accounting-Advantagent-Role-Essential qualities MENT ANALYSIS and criticism of sity and limitations Balance sheet ratios, Profatios (Advanced Problems SH FLOW STATEMENT	financial it & Loss	10he sta 10 A/c Ra	ns of ours temen hours ntios,	3

Marginal Costing-As a tool of decision making, Fixed and variable cost, contribution, Breakeven analysis, Profit Volume Ratio, Limiting factor, Marginal costing and important management decision (Problems on decision making only)

Unit:6	Contemporary Issues	2 hours
Expert	online seminars - webinars	
lectures,		
	Total Lecture hours	60hours
Text Book(s		
1 R. N. Antl	nony / G. A. Walsh: Management Accounting	
2 M. Y. Kha	n. K. P. Jain: Management Accounting	
3 I. M. Pand	y: Management Accounting	
Reference B	ooks	
1 Richard M	I.Lynech &Robert Williamson: Accounting for Management Planning & O	Control
2 Dr. Mah	esh Kulkarni : Management Accounting Career Publications, Nasik	
Related Onl	ine Contents [MOOC, SWAYAM, NPTEL, Websites etc.]	
1		
2		
I		
Course Desig	gned By:	

Mapping with programme outcomes								
Cos	PO1	PO2	PO3	PO4	PO5			
CO1	S	S	S	S	S			
CO2	S	M	S	M	S			
CO3	M	S	M	S	S			
CO4	S	S	S	S	M			
CO5	S	S	S	S	S			

^{*}S-Strong; M – Medium; L - Low

Course code		TITLE	OF THE CO	OURSE	L	T	P	C
Core XV		Techn	ology manag	ement	4	-	+ -	
Pre-requisite	ę.		wledgeinmar		Sylla Vers		202	1-22
Course Object	tives:	I						
		s course are to:						
1. To establish	sh knowledg	ge about the relations	ship between	technology andma	nageme	nt		
		e about changemana						
		t innovationmanage						
		out the business pro						
5. 10 provide	e knowleage	e about creative and	iateraitninking	g				
Expected Cou	ırse Outcor	nes:						
On the succes	ssful comple	etion of the course, s	tudent will be	able to:				
1 Recalli	ng the relati	onship between <mark>tech</mark>	nology and m	anagement			K	1
2 Unders	tanding cha	nge ma <mark>nagement in</mark>	organizational	l context			K	2
3 Applyin	ng innovatio	ons <mark>in organizati</mark> ons					K	3
4 Analyz	ing business	s pr <mark>ocess e</mark> ngineering	g				K	4
5 Applyin	g creative th	ninking in decision n	naking	3 9			K3	
K1 - Remem	ber; K2 - U	nderstand; K3 - App	ly; K4 - Anal	y <mark>ze; K5 - Eva</mark> luate	e; K6 - 0	Create	•	
	5 N	- Inter	1		16 1			
Unit:1	MA:	TECHNOLOGY :				15h	ours	
		: Understanding Tec						
		c Knowledge; Techr Exports / Joint ventur					and	
-		usines <mark>s Enterprises.</mark>		_	_			
		2						
Unit:2		CHANGE MANA	GEMENT	3		15h	ours	
Change Man	agement: U	nderstanding the Nat	ture, Importan	ice, Forces, Types	of Char	nge; D	iagno	osin
Organization		y to Change-strateg						
for Change		Culture for Ch	ange. Chang	ge Imperatives	ofNew	Tec	hnolo	gies
ManagingTra	ınsformatioı	ıs.						
Unit:3		INNOVATIONS MA	NAGEMEN'	Γ		15	hours	<u> </u>
		t: Invention vs. Inno			lodels;			
Unit:4		ENGINEERING				15I	10urs	<u> </u>
Engineering;		novation. Economics	of Innovation	n. Innovation				
Unit:5		CREATIVE AN	D LATERAL	THINKING		13I	ours	5
		MA	NAGEMENT	1				

Creative and Lateral Thinking Management: Creative Thinking, Problem Solving, Managing Lateral Thinking.

	2 hours
Unit:6	Contemporary Iss
Expert lectures,	online seminars - webinars
	75hours

Text Book(s)

- 1 Azad, R. R.(2000). Technology Transfer & Joint Ventures Abroad. Deep & Deep Publications, India.
- Tushman, M.L. & Lawrence, P.R. (1997). Managing Strategic Innovation & Change. Oxford University Press, USA, New York.

Reference Books

- Jones T. (2003). Innovating at the Edge: How Organizations Evolve and Embed
- 2 Innovation Capability. Butterwork Heinemann, U. K.

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

1

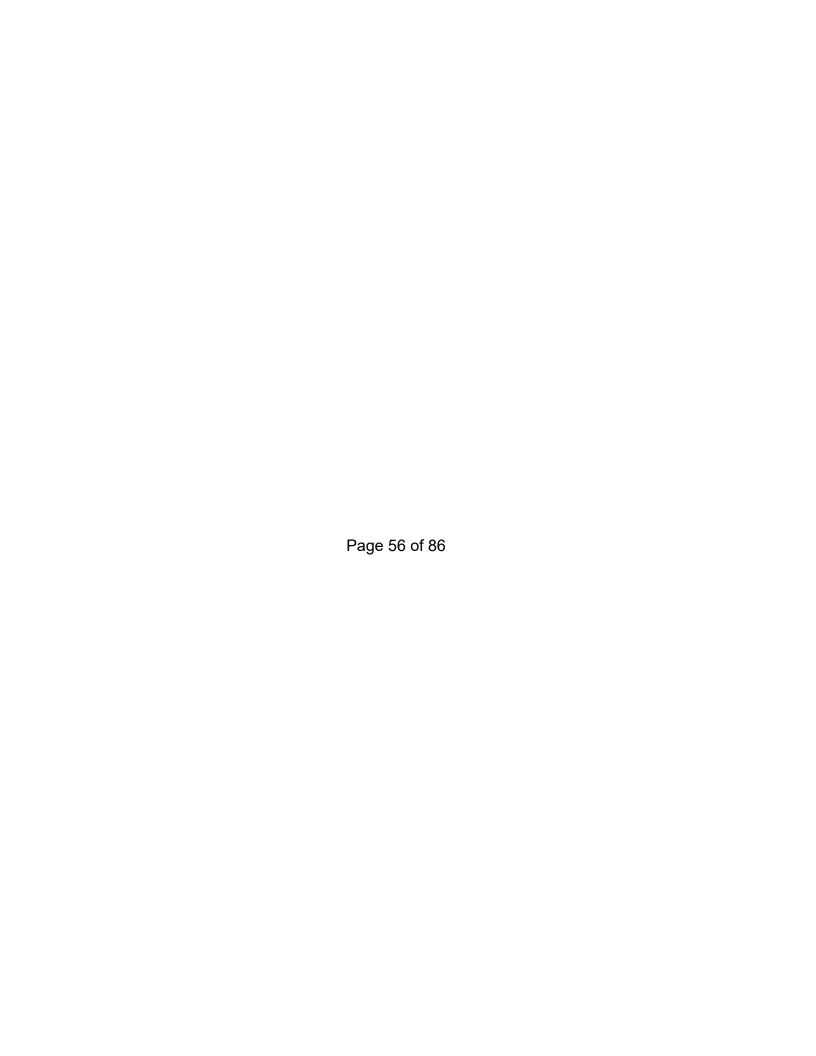
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4

Course Designed By:

Wapping with programme outcomes									
Cos	PO1	PO2	PO3	PO4	PO5				
CO1	S	S	S	S	S				
CO2	M	S	S	S	M				
CO3	S	M	M	S	S				
CO4	M	S	S	M	S				
CO5	S	S	S	S	S				

*S-Strong; M-Medium; L-Low



Course code			TITLE O	F THI	E COURS	E	L	T	P	C
Core XVI		Principles of Web Designing				4	-	-		
Pre-requisite					owledge		Syll Vers	abus sion	2021-22	
Course Objecti	ives:									
The main object	tives of this	s course ar	e to:							
 To introduce To introduce 	ce XML ance javascrip knowledge	nongstuder oting e about va r	rious scriptin	ngtechi	niques					
Expected Cour	rse Outcom	ies:								
On the success	sful comple	tion of the	course, stud	dent wi	ll be able t	o:				
1 Recall va and graph	rious techn	iqu <mark>es of u</mark> s	ing HTML	7	K3					
2 Applying	g XML tecl	nni <mark>ques</mark>	3	5	K2					
3 Understa	inding the t	echniques	of JAVA		K2		1			
4 Compari	ng various	scripting t	echniques	2	K3					
5 Applying	g web base	d d <mark>ata b</mark> ase	tools	Y's) S	77			
K1– Remember	r; K2 –Unde		– Apply <mark>; K4</mark> - HTML & G			valuate; I	K6– Create 15hour			
Unit:1			SSULIN	कारा द	CONTRACT OF STREET		10 11041			
HTML & Grap Structure Tags, Tags, Frame Ta Forms & Style	, Formattin ags, Execu	g Tags, Lis table Conte	st Tags, Hyp ent Tags. Im	erlinks	s, Image &	Image n	nap, Table phics, Tab	Tags, les, Fr	Forn	
Unit:2			XML				10hour	·s		
XML: Introduc Type Definition			yle Sheets w	vith XN	ML, XML		y	-	ocum	ent
Unit.2			JAVA SCRI	PTING	r		10hour	S		

Unit:3

Introduction to Java Scripting, Web Browser Object Model, Manipulating Windows & Frames with Java Script. Using Java Script to create smart forms. Cookies and State Maintenance: Maintaining State, Introduction to Cookies, Advantages and limitations of Cookies, Disadvantages of Cookies,

How to Use Cookies, which Servers and Browsers support Cookies. Introduction to DHTML. Advanced Netscape DHTML, Advanced Microsoft DHTML & Cross browser DHTML.

CGI & SERVER SIDE SCRIPTING 15--hours

Unit:4

CGI & Server side scripting, CGI & the WWW, Beyond HTML with CGI, How CGI works. CGI Server requirements for WINDOWS-NT & UNIX, CGI script structure, Standard CGI Environment Variables, CGI Libraries, Java Servlets, Server-Side

Page 57 of 86

Unit:5	JAVA SCRIPT	8hours
-	Veb Database Tools, ORACLE & MS-ACCESS, Database tools, PH all Basic, Scripting Edition & Active Server Page	P, Server Side
merades. Vist	iai basic, scripting Latiton & Active Server Lage	
Unit:6	Contemporary Issues	2 hours
Expert	online seminars – webinars	
lectures,		
	Total Lecture hours	60hours
Text Book(s)	
	ML 4, XML & JAVA by Eric Ladd & Jim O'Donell (Platinum Edition) (P	PHI)
Reference E	Books	
1 PERL &	CGI by Elizabeth Castro (Pearson Education	
Related On	line Contents [MOOC, SWAYAM, NPTEL, Websites etc.]	
1		
2		
4		
Carrent D.	1 D	
Course Desi	gned By:	

Mapping with programme outcomes								
Cos	PO1	PO2	PO3	PO4	PO5			
CO1	S	S	S	S	S			
CO2	S	M	S	S	S			
CO3	S	S	M	M	S			
CO4	M	S	S	S	M			
CO5	S	M	S	S	S			

^{*}S-Strong; M-Medium; L-Low

Course code	TITLE OF THE COURSE	L	T	P	C
Core XIX	Computer Applications: Web Designing – Practical III	-	-	4	4
Pre-requisite	Basic internet knowledge	Sylla Vers		202	1-22

Course Objectives:

The main objectives of this course are to:

- 1. To create web pages for businessorganizations
- 2. To use HTML for programming purposes
- 3. To document information suing formatting and alignment

Expected Course Outcomes:

On the successful completion of the course, student will be able to:

1	Creating web pages for organizations	K6
2	Understanding programming using HTML	K2
3	Analyzing information using various formatting and alignment options	K4
4	Creating resumes using HTML	K6
5	Creating documents using forms	K6

K1 - Remember; K2 - Undestand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create

Unit:1	Title of the Unit (Capitalize each Word)	60hours

- 1. Create web pages for a business organisation using HTML Frames.
- 2. Create a Program using HTML to display the ordered list and unordered list of a DepartmentalStore.
- 3. Program to display Image and text using HTML tag for an advertisement of a CompanyProduct.
- 4. Create a table to display list of products using HTMLtag.
- 5. Create a document using Formatting and alignment to display SalesLetter.
- 6. Create a Resume using HTMLTags.
- 7. Create a website of your department with minimum five links using HTML.
- 8. Create a document using Form to support Local Processing of Orderform.
- 9. Create a Form of the Customer Survey for the user to enter General name and address information.
- 10. Create a Frame to display a multiformdocument.

Mapping with programme outcomes									
Cos	PO1	PO2	PO3	PO4	PO5				
CO1	S	S	S	S	S				
CO2	S	S	S	S	S				
CO3	S	S	S	S	S				
CO4	S	S	S	S	S				
CO5	S	S	S	S	S				

^{*}S-Strong; M-Medium; L-Low

Course code		TITLE OF THE COURSE	L	T	P	C
Elective I A	<u>. </u>	Cost Accounting	4	_	-	4
Pre-requisite	:	BASICACCOUNTINGKNOWLEDGE	Sylla Vers		2021-22	2
Course Objec	tives:					
_		is course are to: ncept and various components ofcosting				
 To assist p To familia To evaluat 	oreparation rize with the the cost	of accounts under process costing he techniques of standardcosting under processcosting the different techniques of standard costing and	control			
Expected Cou						
		etion of the course, student will be able to:			1/2.1	
		ncepts of costing and costing methods			K1	
		ous elements of costing methods of costing techniques			K2 K3	
11 5		us types of under process costing	*		K3	
-		rent techniques of standard costing and control it	The same of the sa		K4	
		Indestand; K3 - Apply; K4 - Analyze; K5 - Eval	- 1	- Cre		
KI Kememe	, 112 C	ridestalid, No ripply, N4 rinaryze, N5 Evan	uate, IXO			
Unit:1	N. A.	BASIC CONCEPTS IN COST ACCOUNTING	;	15	hours	
Material : Pur Methods of P	rchase pro ricing- iss	pts in Cost Accounting - Element of Cost : Matericedure, storage and Inventory control, Landersues, Methods of Inventory control – Labour of Remuneration, Accounting of Labour cost	d cost of :: Classi	<mark>f M</mark> at ification	erial r	ecei Lab
Unit:2		OVERHEADS	1	10	hours	
Overheads: M	leaning, cla	assification, allocation, apportionment and absorp	ption, A	ccount	ing of	
overheads		W (5)		and the same of th		
	N	METHODS OF COSTING	and the same of th		10ho	urs
overheads Unit:3		METHODS OF COSTING b costing, Batch costing, Unit costing, Contract Costing	Costing,		10ho	ırs
overheads Unit:3	Costing Jo		Costing,		10hoi	

Standard Costing – Analysis of Variance - Cost Book Keeping and Reconciliation between Cost and Financial Accounts

8--hours

STANDARD COSTING

Costing,

Unit:5

	2 hours
Unit:6	Contemporary Issu
Expert lectur	es, online seminars - webinars
	60hours
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Text Book(s)

Ravi Kishor: Advanced Cost Accounting and Cost Systems, Taxmann's Allie Services Pvt. Ltd. New Delhi

N.K.Prasad: Principles and Practice of Cost Accounting, Book Syndicate Pvt.Ltd. Calcutta

Reference Books

1 S. P.Iyengar: Cost Accounting Principles and Practice, Sultan Chand & Sons, New Delhi

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

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2

2

4

Course Designed By:

	PO1	PO2	PO3	PO4	PO5
CO1	S	S	S	S	S
CO2	S	S	S	S	S
CO3	S	S	S	S	S
CO4	S	S	S	S	S

CO5	S	S	S	S	S

*S-Strong; M-Medium; L-Low

Course code		TITLE OF THE COURSE	L	T	P	C
Elective I B		Business Finance	4	_	-	
Pre-requisite		Basic knowledgeinfinance	Sylla	abus	202	1-22
			Versi	ion		
Course Object						
•		s course are to:				
		ious concept relating tofinance				
		e basics of financialplanning				
•		surces and forms offinance rious dimensions of capital market and theircomponent	ite			
		e about capitalization and related theories	ııs			
Expected Cou						
		etion of the course, student will be able to:				
1 Recall v	arious conc	epts relating to finance			K	1
2 Underst	and the vari	ious techniques of financial planning			K	2
3 Analyze	various so	urces and forms of finance			K	4
4 Understa	nding vario	us <mark>dimensions of capital market and their c</mark> omponents	S		K	2
5 Underst	anding capi	talization concept and related theories for decision ma	aking		K	2
K1 - Rememb	er; K2 - Ur	nderstand; K3 - Apply; K4 - Analyze; K5 - Evaluate;	K6 - (Create	;	
Unit:1	- 17	Introduction to Business Finance	1	15ŀ	our	5
		<mark>uction – Meaning – C</mark> oncepts <mark>- Scope – Functi</mark> on of F	inance			
Traditional an	d Modern (Concepts – Contents of Modern Finance Functions				
Unit:2		Financial Plan	7	10ŀ	mir	2
Financial	Meaning -	Concept – Objectives – Types – Steps – Significance	– Fun			<u>, </u>
Plan:	8	1 3 31 1 2				
		- 69				
Unit:3		Sources and Forms of Finance		10ŀ		6
		ance: Equity Shares, Preference Shares, Bonds, Deber				
Forms – Merits		antages and Disadvantages- Lease Financing: Meanir rits.	ıg – re	ature	S –	
Unit:4		Capital Structure		15l	10ur	<u>s</u>
UIIII.4					apita	1 –
Capital Structu		al Principles of Capital structure – Trading on Equity alculation of Individual and Composite Cost of Capital		t of C	1	
Capital Structu					1 10ur	
Capital Structu Concept – Imp	ortance – C	alculation of Individual and Composite Cost of Capitalization	al.	81	10ur	S
Capital Structu Concept – Imp Unit:5 Capitalization -	ortance – C - Bases of C	alculation of Individual and Composite Cost of Capita	al. Capit	81 alizat	ion –	<u>s</u>

Unit:6	Contemporary Issues	2 hours
Expert	online seminars - webinars	
lectures	,	
	Total Lecture hours	60hours
Text Bo	ok(s)	
1 Esse	entials of Business Finance - R.M. Sri Vatsava	
2 Fina	ncial Management - Saravanavel	
Referen	ice Books	
1 Fi	nancial Management - L.Y. Pandey	
2 Fina	incial Management - M.Y. Khan and Jain	
3 Fir	ancial Management - S.C. Kuchhal	
Related	Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]	
1		
2		
4		
Course	Designed By:	

Mapping Cours	se objectiv <mark>es a</mark>	<mark>nd course outco</mark>	omes		
	PO1	PO2	PO3	PO4	PO5
CO1	M	L	S	S	S
CO2	S	M	S	S	M
CO3	S	S	S	S	S
CO4	S	S	M	S	M
CO5	M	S	M	M	M

^{*}S-Strong; M-Medium; L-Low

Course code		TITLE OF T	THE COURSE		L	T	P	C
Elective I C		Entrepreneur	ial development		4	_	-	
Pre-requisite	;	Basic knowledgeabo		ip	Sylla	bus	202	1-22
				r	Versi	ion		
Course Objec								
The main object			1 1 1 1 1	•.• .•				
		c concepts of entrepreneu	•	itiatives				
		out the setting up ofstartu						
		e institutional services toe		tla a amtuamu				
		about various financial s about various subsidies a					rs	
Expected Cou			and modifices avail		порі	Circui		
		tion of the course, student	will be able to:					
		ce and role of entrepreneu		ic activity	7		K	1
2 Compar	e the variou	s forms of setting up a sta	rtup				K	2
		ous institutional services t					K	2
		fin <mark>anci</mark> al support available		rs			K	4
5 Applyir	ng the variou	s subsidies and incentives	available for entre	preneurs			K	3
				P1-11-1-11				
	per; K2 - U1	derstand; K3 - Apply; K 4		•	6 - (Create	;	
	per; K2 - U1	derstand; K3 - Apply; K4 Concept of Entrepreneu	- Anal <mark>yz</mark> e; <mark>K5 - Ev</mark>	-	6 - 0	reate		s
K1 - Remember Unit:1 Concept of each of type of	ntrepreneurs entreprene		rship nd characteristics of Development of w	valuate; K	neur	15ŀ ship -	ours fun &	ctic rur
K1 - Remember Unit:1 Concept of each type of entrepreneur— Unit:2 The start-up pr	ntrepreneurs entreprene - including cocess, Proje	Concept of Entrepreneuthip: Definition Nature and Inship phases of EDP. I elf employment of wome Start up Process ct identification – selection	rship nd characteristics of Development of won council scheme.	valuate; K f entrepre vomen en	neur	15heneur	ours fun &	ctic rur
K1 - Remember Unit:1 Concept of each type of entrepreneur— Unit:2 The start-up pr	ntrepreneurs entreprene - including cocess, Proje	Concept of Entrepreneuthip: Definition Nature and Institute of EDP. I also be the control of the	rship nd characteristics of Development of won council scheme.	valuate; K f entrepre vomen en	neur	15heneur	ours fun &	ctic rur
K1 - Remember Unit:1 Concept of each type of entrepreneur— Unit:2 The start-up pr	ntrepreneurs entreprene - including cocess, Projects	Concept of Entrepreneuthip: Definition Nature and Inship phases of EDP. I elf employment of wome Start up Process ct identification – selection	rship nd characteristics of the product – pro	valuate; K f entrepre vomen en	neur	15heneur	ours	ctic rur
K1 - Remember Unit:1 Concept of end type of entrepreneur - Unit:2 The start-up prevaluation – fee Unit:3	entrepreneurs entreprene - including rocess, Proje asibility and	Concept of Entrepreneum in process of EDP. In the concept of Entrepreneum in process of EDP. In the concept of	rship nd characteristics of Development of what council scheme. n of the product – particular trepreneur	f entreprezomen en	neurs trepr	15h	fun &	ctic rur
K1 - Remember Unit:1 Concept of end type of entrepreneur— Unit:2 The start-up prevaluation – fermulation fermulation fermulation services and type of entrepreneur— Unit:2 Institutional services and type of entrepreneur— Unit:3	ntrepreneurs entreprene - including rocess, Proje asibility and	Concept of Entrepreneum in process of EDP. In the concept of Entrepreneum in process of EDP. In the concept of	rship nd characteristics of Development of we not council scheme. n of the product –	f entreprezomen en	neurs trepr	15h	fun &	ctic rur
K1 - Remember Unit:1 Concept of end type of entrepreneur— Unit:2 The start-up prevaluation – fereneur— Unit:3 Institutional sereneur— Unit:4 Institutional fireneur—	ntrepreneurs entreprene entreprene including cocess, Proje asibility and rvice to ent	Concept of Entrepreneum in process of EDP. In the concept of Entrepreneum in the concept of EDP. In the concept of	rship nd characteristics of Development of we not council scheme. n of the product –	f entrepre- yomen en project for	neurs trepr mula	15h ship - eneur 10h tion Γ, IIC	ours	s s

Incentives and subsidies — Subsidied services — subsidy for market. Transport — seed capital assistance - Taxation benefit to SSI role of entrepreneur in export promotion and import substitution.

SCAA DATED: 23.06.2021

Ur	nit:6	Contemporary Issues	2 hours				
Ex	pert	online seminars - webinars					
lec	ctures,						
		Total Lecture hours	60hours				
Te	xt Book(s)						
1	Entreprene	eurial Development – C.B.Gupta and N.P.Srinivasan					
2	Fundamen	tals of Entrepreneurship and Small Business -RenuArora&S.K	I.Sood				
Re	eference Bo	ooks					
1	Entreprene	eurial Development – S.S.Khanka 4. Entrepreneurial Developm	ent – P.Saravanavel				
2	Entreprene	eurial Development – S.G.Bhanushali					
3	Entreprene	eurial Development – Dr.N.Ramu					
Re	elated Onli	ne Contents [MOOC, SWAYAM, NPTEL, Websites etc.]					
1							
2							
4							
Сс	ourse Design	ned By:					

Mapping Course objectives and course outcomes						
	PO1	PO2	PO3	PO4	PO5	
CO1	M	S	M	S	S	
CO2	S	S	S	S	S	
CO3	S	S	M	M	S	
CO4	M	M	S	S	S	
CO5	S	M	S	S	S	

^{*}S-Strong; M-Medium; L-Low

Course code		TITLE OF THE COURSE		L	T	P	C
kill Based Sub	ject - 3	Brand Management		3	_	-	
Pre-requisite	•	Basic knowledge on marketing and bran	_	Sylla Versi	ibus	202	1-2
Course Object	tives:			VCI 51	UII		
The main object	ctives of thi						
1. Conceptua	alize an idea	a about brand and related terms.					
	_	various forms of brand associations.					
		owledge on banding impact.					
		to know more about branding rejuvenation. Inding on branding strategies.					
3. Have bette	or understar	dung on oranding strategies.					
Expected Cou	rse Outcon	nes:					
On the succes	sful comple	etion of the course, student will be able to:					
1 Recall various terms and concepts relating to branding						1	
2 Understa	Understand on brand vision and image building				K.	2	
3 Evaluate	Evaluate the dimensions of branding impact				K.	5	
4 Different	Differentiate specific components of branding and co-branding					K4	
Different	1				I		
		g trends in designing branding			K	2	
5 Explain to	he emerging		valuate; K	(6 – (
5 Explain t K1 - Rememb Unit:1	he emerging per; K2 - Un	g trends in designing branding nderstand; K3 - Apply; K4 - Analyze; K5 - Ev Introduction to Branding	A	1	Create 10	hou	·s
5 Explain to K1 - Rememb Unit:1 Introduction- brand mark ar	he emerging ber; K2 - Un Basic under and trade man	g trends in designing branding nderstand; K3 - Apply; K4 - Analyze; K5 - Ev	significand individual	ce of	Treate 10 a brand, printle	hounnd – ivate	·s
5 Explain to K1 - Rememb Unit:1 Introduction- brand mark ar	he emerging ber; K2 - Un Basic under and trade man	Introduction to Branding restanding of brands – concepts and process – serk – different types of brands – family brand,	significand individual	ce of	Toreate 10 Ta bra and, pr g fact	hounnd – ivate	
5 Explain to K1 - Remember Unit:1 Introduction-brand mark ar brand — select Unit:2 Brand Associa	Basic under trade maring a brand	Introduction to Branding rstanding of brands – concepts and process – s rk – different types of brands – family brand, name– functions of a brand– branding decision	significand individual ons— influc	ce of l bran	Ta brand, pring fact	hound — ivate cors.	.
5 Explain to K1 - Remember Unit:1 Introduction-brand mark ar brand — select Unit:2 Brand Associa	Basic under trade maring a brand	Introduction to Branding rstanding of brands – concepts and process – s rk – different types of brands – family brand, name – functions of a brand – branding decision Brand Association d vision – brand ambassadors – brand as a pe	significand individual ons— influc	ce of l bran	Ta brand, pring fact	hound — ivate cors.	t,
5 Explain t K1 - Rememb Unit:1 Introduction- brand mark ar brand – select Unit:2 Brand Associa Brand extensi Unit:3	Basic under de trade maring a brand entrons: Branding – role of b	Introduction to Branding restanding of brands – concepts and process – sork – different types of brands – family brand, name – functions of a brand – branding decision Brand Association Brand Impact impact on buyers – competitors, Brand loyarand manager – Relationship with manufact	significand individual ons—influe ersonality,	ce of l branencin	Ta brand, progradular gradung	nd – ivate ors. nours	t,
5 Explain t K1 - Rememb Unit:1 Introduction- brand mark ar brand – select Unit:2 Brand Associa Brand extensi Unit:3	Basic under de trade maring a brand entrons: Branding – role of b	Introduction to Branding restanding of brands – concepts and process – sork – different types of brands – family brand, name – functions of a brand – branding decision Brand Association Brand Impact impact on buyers – competitors, Brand loyarand manager – Relationship with manufact	significand individual ons—influe ersonality,	ce of l branencin	Ta brand, prograting-	nd – ivate ors. nours	t,
5 Explain t K1 - Rememb Unit:1 Introduction- brand mark ar brand - select Unit:2 Brand Associa Brand extensi Unit:3 Brand Impact brand equity purchase and Unit:4 Brand Rejuve	Basic under a trade maring a brand trade maring trade	Introduction to Branding restanding of brands – concepts and process – sork – different types of brands – family brand, rname – functions of a brand – branding decision Brand Association Brand Impact impact on buyers – competitors, Brand loyarand manager – Relationship with manufacter and audit	significand individual ons— influence influenc	ce of l branencin as translaty parket	To a brand, programmer of the	nd – ivate ors. nours asse amme	t,
5 Explain t K1 - Rememb Unit:1 Introduction- brand mark ar brand - select Unit:2 Brand Associa Brand extensi Unit:3 Brand Impact brand equity purchase and Unit:4 Brand Rejuve	Basic under a trade maring a brand trade maring trade	Introduction to Branding restanding of brands – concepts and process – sork – different types of brands – family brand, name – functions of a brand – branding decision Brand Association Brand Impact impact on buyers – competitors, Brand loyar rand manager – Relationship with manufaction and audit Brand Rejuvenation nd rejuvenation and re-launch, brand developed the stand of the stand developed to the stand of the stand developed to the stand of the s	significand individual ons— influence influenc	ce of l branencin as translaty parket	Ta brand, prograting- B hacquise to-brands and the second	nd – ivate ors. nours asse amme	t,

Contemporary Issues

2 hours

Unit:6

Expert lectures, online seminars – webinars
45 hours
3.E. C.
Text Book(s)

- 1 Kevin Lane Keller, "Strategic brand Management", Person Education, New Delhi, 2003.
- 2 Lan Batey Asian Branding "A great way to fly", Prentice Hall of India, Singapore 2002.
- 3 Jean Noel, Kapferer, "Strategic brand Management", The Free Press, New York, 1992.

Reference Books

- 1 Paul Tmeporal, Branding in Asia, John Wiley & sons (P) Ltd., New York, 2000
- 2 S.Ramesh Kumar, "Managing Indian Brands", Vikas publishing House (P) Ltd., New Delhi, 2002
- 3 Jagdeep Kapoor, "Brandex", Biztantra, New Delhi, 2005.

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

- 1 https://www.canto.com/blog/brand-management/
- 2 https://www.managementstudyguide.com/brand-management.htm

3

Course Designed By:

COs	PO1	PO2	PO3	PO4	PO5
CO1	S	S	M	L	S

CO2	S	S	S	S	M
CO3	S	S	S	S	S
CO4	S	S	M	S	S
CO5	S	S	S	S	S

^{*}S-Strong; M-Medium; L-Low



Course code	TITLE OF T	TITLE OF THE COURSE			P	C
CoreXVII	Management Inf	Management Information System			-	
Pre-requisite	onalknowledge		abus sion	2021	l-22	
Course Objectives:						
The main objectives of	this course are to:					
1. To conceptualize	the need and use of manageme	ent informationsystem				
2. To provide inform strategy	nation about integrating manag	ement information sys	stem with	busine	SS	
3. To acquaint the st informationsystem	udents with various risks and 1 n	mitigation strategies re	lating to 1	manag	emen	ıt—
	nation about emerging trends in cal know <mark>ledge</mark> among manage			m		
Expected Course Out	comes:					
On the successful con	npletion of the course, student	will be able to:				
1 Recalling the va		K1				
•	for <mark>mation s</mark> ystem	K2	1			
2 Exemplifying th	ne integration of MIS with	K5				
business strateg	у	K4	17			
3 Evaluating varie strategies of MI	ous risks <mark>and mitigation</mark> S	K3	4			
4 Analyzing the to	rends in MIS	· with Silv				
	cal insights about formation system	EVALE				
K1– Remember; K2–Unit:1	Undestand; K3 – Apply; K4 – Ar Role of Informa	•	√6 – Creat 20hour			
•	formation Systems Types of Inf ystems, Expert Systems, and Ki Information Sys	nowledge Management		• •	Syste	:ms,

Information Systems for Strategic Management: Competitive Strategy Concepts, Strategic Role of Information Systems. Integrating Information Systems with Business Strategy, Value Chain Analysis, and Strategic Information Systems Framework

Strategic Management

Planning for Information Systems

Unit:2

17--hours

Planning for Information Systems: Identification of Applications, Business Planning Systems and Critical Success Factors, Method of Identifying Applications, Risks in Information Systems Resource Requirements for Information Systems: Hardware and CapacityPlanning, Software Needs, Procurement Options – Make or Buy decisions, Outsourcing as an Option.

Unit:4 Emerging Concepts and Issues in Information Systems

15--hours

Emerging Concepts and Issues in Information Systems: Supply Chain Management, Customer Relationship Management, ERP. Introduction to Data Warehousing, Data Miningand Its Applications, Emerging Concepts in Information System Design and Application

Page 69 of 86

TT	Research Project 18	hours
Unit:5		
Research Proj	ect:	
Fach student v	vill write a research paper on a specific Information System rela	ted issue of their
	aper may include the following:	ited issue of their
energe. Time p	aper may merade me rene ming.	
HistoricDeve		
 Examination 	of Current Issues	
 Explor 	ation of the Actual or Expected Impact on Employees, Industry	
orGovernmen	t, Presentation of available Alternatives if Applicable	
7.0		
Reference		
Unit:6	Contemporary Is:	
	es, online seminars — webinars	
Expert feetur	es, offine seminars – weomars	
	90hours	
		N. A
	Continue Long -	
	N .	
ı	(D) (C) (C)	
	722-1-112011	
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Text Book(s)

- 1 Kenneth, Laudon& Jane Laudon (2005).MIS: Managing the Digital Firm. Pearson Education.
- 2 James, A. O'Brien (2005). Introduction to Information Systems. Tata McGraw Hill.

Reference Books

- Turban, E., McLean, E. and Wetherbe, J. (2001). Information Technology for Management: Making Connections for Strategic Advantage. John Wiley and Sons.
- 2 Jawadekar, W. S. (2004). Management Information Systems. Tata McGraw Hill

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

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4

Course Designed By:

Mapping with programme outcomes

Cos	PO1	PO2	PO3	PO4	PO5
CO1	S	S	S	S	M
CO2	S	M	S	S	S
CO3	S	S	S	S	S
CO4	M	M	S	M	S
CO5	S	M	M	S	M

^{*}S – Strong; M – Medium; L - Low

	e	TITLE OF THE COURSE	L	T	P	(
Core-18		JAVA programming	4	-	-	
Pre-requisite Basic knowledgeincomputer			Sylla Versi		2021	-22
Course Ob			<u></u>			
		is course are to: about internet and relatedprotocols				
3. To prov 4. To offe	vide knowledg er insights abo	about variousoperators ge about class fundamentals ut different types ofinheritance on about AWTclasses				
	Course Outcon	mes: etion of the course, student will be able to:				
		concepts about internet and related protocols			K	1
					K	
					K	
4 Analyzing different types of inheritance					K	
		out various AWT classes			K	
		Indestand; K3 - Apply; K4 - Analyze; K5 - Evaluate	K6 - C1	reate		
		An overview of Internet				
		net Protocols – Internet address – Internet access – Applications. – Basic concepts of OOP – benefits of	plications	15 ł s – Fu		
		eations of OOP – Data types, variables and arrays – Peper conversion and casting.	'rograms	with		
		Operators		15ŀ		
Unit:2	Arithmetic or	perators – Bitwise operators – Relational operators –	Relation	al op	erato	
Operators – - Boolean of Selection sta	perators – Logatements – if,	gical operators – Assignment operators? Operators – switch, iteration statements – while, do while, for, note, return statements				

Class fundamentals – Declaring Objects – Assigning Object Reference Variables – Introducing
methods – Constructors – The this keyword – Garbage collection – The finalize () method.
Overloading Methods – Objects as Parameters – Arguments Passing – Returning Objects–
Recursion – Access Control – Static – Final – Arrays – Nested and Inner Classes – String Class –
Command Line Arguments.
Communa Zine inguinenes

Unit:4	Basics of Inheritance	15hours
Inheritance Bas	sics – Using Super – Creating a Multilevel Hierarchy – When C	Constructors are called

The Object Class. Packages – Access Fundamenta Unit:5 Applet AWT classes – Windows fundamentals – Working Paint Mode – Fonts – Text and Graphics – AWT Events by Extending AWT Components. Applet for AMT Events by Extending AWT Components. Applet for Contemporary Unit:6 Expert lectures, online seminars – webinars	g with Frame windows – Wor Controls – Labels – Buttons Sundamentals – Applet Class	king with graphics —Menus Handling
AWT classes – Windows fundamentals – Working Paint Mode – Fonts – Text and Graphics – AWT Events by Extending AWT Components. Applet for STATIL Applet Tag Unit:6 Contemporary	Controls – Labels – Buttons Fundamentals – Applet Class 2 hours	s – Menus Handling
Paint Mode – Fonts – Text and Graphics – AWT Events by Extending AWT Components. Applet for ATML Applet Tag Unit:6 Contemporary	Controls – Labels – Buttons Fundamentals – Applet Class 2 hours	s – Menus Handling
Paint Mode – Fonts – Text and Graphics – AWT Events by Extending AWT Components. Applet for ATML Applet Tag Unit:6 Contemporary	Controls – Labels – Buttons Fundamentals – Applet Class 2 hours	s – Menus Handling
Paint Mode – Fonts – Text and Graphics – AWT Events by Extending AWT Components. Applet for ATML Applet Tag Unit:6 Contemporary	Controls – Labels – Buttons Fundamentals – Applet Class 2 hours	s – Menus Handling
Events by Extending AWT Components. Applet for HTML Applet Tag Unit:6 Contemporary	Fundamentals – Applet Class - 2 hours y Is:	
Events by Extending AWT Components. Applet for HTML Applet Tag Unit:6 Contemporary	Fundamentals – Applet Class - 2 hours y Is:	
TTML Applet Tag Unit:6 Contemporary	2 hours y Is:	
ı	y Is:	
ı		
Expert lectures, online seminars - webinars	75hours	
	75hours	
	/3Hours	
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Text Book(s)	: Tota MaCrayy Hill 1000	l
1 Internet and Intranet Engineering – Daniel Minoli	I – Tata McGraw Hill, 1999	
2 Java – The complete Reference, Patrick Naughton&	t Herbert Schildt, Tata McGraw F	Hill.
Reference Books		
TOTAL DOORS	Programming with Java – J	ohn R Hubbard – Schua
1	Outline Series	
Related Online Contents [MOOC, SWAYAM,	NPTEL, Websites etc.]	

Course Designed By:

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Mapping with programme outcomes

Cos	PO1	PO2	PO3	PO4	PO5
CO1	S	S	S	S	S
CO2	S	S	M	M	S
CO3	S	M	S	S	M
CO4	M	S	S	M	S
CO5	S	S	S	S	M

^{*}S – Strong; M – Medium; L - Low

Course code	TITLE OF THE COURSE	L	T	P	C
Core XIX	Computer Applications : Java Script – Practical III	4	-	-	4
Pre-requisite	Basic knowledge in JAVA	Sylla	bus	2021	-22
_		Vers	sion		

Course Objectives:

The main objectives of this course are to:

- 1. To understand working using JAVAprogramming
- 2. To do mathematical calculations using JAVA
- 3. To perform banking transactions using JAVA

Expected Course Outcomes:

On the successful completion of the course, student will be able to:

1	Understand using JAVA programming	K2
2	Applying JAVA for mathematical purposes	K3
3	Applying JAVA for analyzing employee payroll	K3
4	Applying Java for banking transactions	K3
5	Applying JAVA for simple spread sheet	K3

K1 - Remember; K2 - Undestand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create

Computer Applications : Java Script – Practical III

60--hours

- 1. Write a program to check whether a given number is prime ornot.
- 2. Write a program to check whether the given year is leap year ornot.
- 3. Write a program to find the Sum of the series $x+x^2/2!+X^3/3!+...+x^n/n!$
- 4. Write a program to find and replace a word with astring.
- 5. Write a program to prepare the mark list using Inheritance.
- 6. Create a simple calculator applet that implements the 4 basic mathematical function
- 7. Write a JAVA applet to calculate the payroll ofemployees.
- 8. Write a JAVA applet to create a simple spreadsheet.
- 9. Create a program to perform Banking Transactions.
- 10. Create a Program to display the resume of employees

Mapping with programme outcomes								
Cos	PO1	PO2	PO3	PO4	PO5			
CO1	S	S	S	S	S			
CO2	S	S	S	S	S			
CO3	S	S	S	S	S			
CO4	S	S	S	S	S			
CO5	S	S	S	S	S			

^{*}S – Strong; M – Medium; L - Low

2. To provide informat 3. To analyze the capit 4. To provide informat 5. To provide knowled Expected Course Outco On the successful comp 1 Recalling various 2 Comparing various 3 Analyzing the cap 4 Understanding the 5 Analyzing different K1 - Remember; K2 - U Unit:1 Evolution of financial-material Capital Budgeting Process	rious aspects of financial management ion bout various source offinancing al structure of a business using varioustheories ion about working capital management of thebusiness ge about dividend decision	3 Sylla Versi	ion	- 2021 K K K K K K K K K K	1 2 4 2
Course Objectives: The main objectives of the surface of the surfa	his course are to: rious aspects of financial management ion bout various source offinancing al structure of a business using varioustheories ion about working capital management of thebusiness ge about dividend decision omes: letion of the course, student will be able to: concepts and terminologies in financial management as source of financing oital structure of a business e working capital position of a business and dividend policies	Versi	ion	K K K	1 2 4 2
The main objectives of the surface of the successful computed of the succes	rious aspects of financial management ion bout various source offinancing al structure of a business using varioustheories ion about working capital management of thebusiness ge about dividend decision omes: letion of the course, student will be able to: concepts and terminologies in financial management as source of financing oital structure of a business e working capital position of a business and dividend policies	K6 - C	reate	K K K	2 4 2
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4. To provide informat 5. To provide knowled Expected Course Outco On the successful comp 1 Recalling various 2 Comparing various 3 Analyzing the cap 4 Understanding the 5 Analyzing different K1 - Remember; K2 - U Unit:1 Evolution of financial-macapital Budgeting Proces Budgeting Techniques; PIRR, Benefit-Cost Ratio,	ion about working capital management of thebusiness ge about dividend decision omes: letion of the course, student will be able to: concepts and terminologies in financial management as source of financing oital structure of a business e working capital position of a business and dividend policies	K6 - C	reate	K K K	2 4 2
Expected Course Outco On the successful comp Recalling various Comparing various Analyzing the cap Understanding the Analyzing different The Evolution of financial-macapital Budgeting Process Budgeting Techniques; PIRR, Benefit-Cost Ratio,	ge about dividend decision omes: letion of the course, student will be able to: concepts and terminologies in financial management as source of financing oital structure of a business e working capital position of a business and dividend policies	K6 - C	reate	K K K	2 4 2
Expected Course Outco On the successful comp Recalling various Comparing various Analyzing the cap Understanding the Analyzing different The Evolution of financial-material Budgeting Process Budgeting Techniques; PIRR, Benefit-Cost Ratio,	letion of the course, student will be able to: concepts and terminologies in financial management as source of financing ital structure of a business a working capital position of a business int dividend policies	K6 - C	reate	K K K	2 4 2
On the successful comp Recalling various Comparing various Analyzing the cap Understanding the Analyzing difference K1 - Remember; K2 - U Unit:1 Evolution of financial-mate Capital Budgeting Process Budgeting Techniques; PIRR, Benefit-Cost Ratio,	letion of the course, student will be able to: concepts and terminologies in financial management as source of financing ital structure of a business a working capital position of a business int dividend policies	K6 - C	reate	K K K	2 4 2
Recalling various Comparing various Analyzing the cap Understanding the Analyzing different Analyzing different Int:1 Evolution of financial-matcapital Budgeting Process Budgeting Techniques; PIRR, Benefit-Cost Ratio,	concepts and terminologies in financial management as source of financing bital structure of a business a working capital position of a business and dividend policies	K6 - C	reate	K K K	2 4 2
2 Comparing various 3 Analyzing the cap 4 Understanding the 5 Analyzing difference K1 - Remember; K2 - U Unit:1 Evolution of financial-material Budgeting Process Budgeting Techniques; PIRR, Benefit-Cost Ratio,	ital structure of a business e working capital position of a business nt dividend policies	K6 - C:	reate	K K K	2 4 2
3 Analyzing the cap 4 Understanding the 5 Analyzing difference K1 - Remember; K2 - U Unit:1 Evolution of financial-man Capital Budgeting Process Budgeting Techniques; PIRR, Benefit-Cost Ratio,	e working capital position of a business nt dividend policies	K6 - C:	reate	K K	4
4 Understanding the 5 Analyzing difference K1 - Remember; K2 - U Unit:1 Evolution of financial-man Capital Budgeting Process Budgeting Techniques; PIRR, Benefit-Cost Ratio,	e working capital position of a business nt dividend policies	K6 - C:	reate	K	2
5 Analyzing different K1 - Remember; K2 - U Unit:1 Evolution of financial-material Budgeting Process Budgeting Techniques; PIRR, Benefit-Cost Ratio,	nt dividend policies	K6 - C:	reate	K	
K1 - Remember; K2 - U Unit:1 Evolution of financial-mace Capital Budgeting Process Budgeting Techniques; PIRR, Benefit-Cost Ratio,	A SECULAR CONTRACTOR OF THE SECULAR CONTRACTOR OF THE SECULAR CONTRACTOR OF THE SECULAR CONTRACTOR OF THE SECURATION OF	K6 - C:	reate		4
Unit:1 Evolution of financial-material Budgeting Process Budgeting Techniques; PIRR, Benefit-Cost Ratio,	J <mark>ndestand; K3 - Apply; K4 - Analyz<mark>e; K5 - Eval</mark>uate; I</mark>	K6 - C	reate		
Evolution of financial-ma Capital Budgeting Proces Budgeting Techniques; P IRR, Benefit-Cost Ratio,					
Capital Budgeting Proces Budgeting Techniques; P IRR, Benefit-Cost Ratio,	Evolution of Financial Management & Capital Budgeting	2	20h	ours	
Unit:2	anagement, scope and objectives of financial managemess, Project formulation & Project Selection, Introduction ayback Period Method, Average rateof return, Net Presented	n to Va	ariou	s Cap	oital
	Sources of Long term funds	1	18—ł	iours	
Sources of Long term fur affecting long term funds	nds: Equity shares, Preference shares, Debentures, Public requirements.	lic dep	osits,	facto	rs
Unit:3	Lease Financing and Capital Structure		17—	-hour	rs_
	ot, types. Advantages and disadvantages of leasing.C Structure, Capital Structure Theories, Cost of Capital				
Unit:4			15—	-hour	îS

dividend polic	y, Forms of Dividends, Dividend Theories, Bonus Shares, .EVA, MVA and CAPM
	2 hours
Unit:6	Contemporary Iss
Expert lecture	es, online seminars - webinars
	00. 1
	90hours
	E SECTION OF THE PROPERTY OF T

Text Book(s)

N Maheshwari, Financial Management Principles and Practice.

Khan and Jain, Financial Management.

Reference Books

- 1 Sharma and Sashi Gupta, Financial Management.
- 2 I M Pandey, Financial Management.

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

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4

Course Designed By:

Mapping Course objectives and course outcomes

	PO1	PO2	PO3	PO4	PO5
CO1	S	S	S	S	M
CO2	S	M	S	S	S
CO3	M	S	M	S	S

CO4	S	S	S	S	M
CO5	S	M	S	S	S

^{*}S-Strong; M-Medium; L-Low

Course code	TITLE OF THE COURSE	L	T	P	C
Elective II B	Financial Markets	3	-	-	3
Pre-requisite	Basic knowledge aboutfinancialmarket	Sylla	bus	202	1-22
		Versi	on		

The main objectives of this course are to:

- 1. To understand the basic concepts of financialmarket
- 2. To analyze the working and components of corporate securitiesmarket
- 3. To evaluate the functioning of stock exchanges in India
- 4. To evaluate the role of banks and intermediaries in financialmarket
- 5. To provide insights about the new models and innovative trends infinancing

Expected Course Outcomes:

On the successful completion of the course, student will be able to:

1	Recall the basic concepts of financial market	K1
2	Analyze the working and components of corporate securities market	K4
3	Understanding the functioning of stock exchanges in India	K2
4	Understanding the role of banks and intermediaries in financial market	K2
5	Apply various trends and new models in financing	K3

K1 - Remember; K2 - Understand; K3 - Apply; K4 - Analyze; K5 - Evaluate; K6 - Create

Unit:1	Structure of Financial Markets	20—hours

Financial Markets - Structure of Financial Markets - Financial Investment - Money Market in India – Indian Capital Markets – Difference between Money Market and Capital Market – Classification and object of Indian Money Markets and Structure of Capital Markets.

Unit:2	Markets for Corporate Securities	18—hours
--------	----------------------------------	----------

Markets for Corporate Securities – New Issue Markets – Functions Issue Mechanism – Merchant Banking - Role and Functions of Merchant Bankers in India – Under writing.

Unit:3 Secondary Markets 17—hours

Secondary Markets - Stock Exchange - Role of Secondary Market - Trading in Stock Exchange -Various Speculative Transactions – Role of SEBI – Regulation of Stock Exchange.

Unit:4 Financial Intermediaries 15—hours Banks as Financial Intermediaries – Commercial Banks Role in Financing – IDBI – IFCI – LIC – GIC – UTI – Mutual Funds – Investments Companies.

New modes of Financing Unit:5 18—hours

New Modes of Financing – Leasing as Source of Finance – Forms of leasing – Venture Capital – Dimension Functions – Venture Capital in India – Factoring – Types – Modus Operandi of Factoring - Factoring as Source of Finance - Securitisation of assets - Mechanics of Securitisation Utility of Securitisation – Securitisation in India,

SCAA DATED: 23.06.2021

Unit:6	Contemporary Issues	2 hours							
Expert	online seminars - webinars								
lectures,	lectures,								
Total Lecture hours 90hour									
Text Book(s)									
1 Essentials	of Business Finance - R.M. Sri Vatsava								
2 Financial	Management - Saravanavel								
3 Financial	Management - M.Y. Khan and Jain								
4 Financial	Management Theory and Practice - Prasanna Chandra								
Reference B	ooks								
1 Financial	Management - L.Y. Pandey								
2 Financial	Management - S.C. Kuchhal								
3 Principles	of Financial Management - S.N. Maheshwari								
Related Onli	ne Contents [MOOC, SWAYAM, NPTEL, Websites etc.]								
1									
2									
4									
Course Desig	ned								
By:									

Mapping Course objectives and course outcomes								
	PO1	PO2	PO3	PO4	PO5			
CO1	S	M	S	S	S			
CO2	S	M	S	S	S			
CO3	S	S	M	S	S			
CO4	S	S	S	M	M			
CO5	S	M	S	S	S			

^{*}S-Strong; M-Medium; L-Low

Course code TITLE OF THE COURSE L T						(
Elective II C		Investment management	3	_	-	
Pre-requisite		Basicinvestmentknowledge	Sylla Vers	abus ion	2021	-22
Course Object						
		is course are to:				
		s alternatives of investment				
		classification of investmentmarket ntal analysis beforeinvesting				
		ypes of fundamentalanalysis				
	•	optimum portfolio construction andmanagement				
Expected Cou						
		etion of the course, student will be able to:			K	1
		tures of various investment markets			K	
		ents using fundamental analysis			K	
		analysis for evaluating investments			K	
11.		num portfolio for investment			K	
- J		ndestand; K3 - Apply; K4 - Analyze; K5 - Evaluate	e; K6 - C	reate	K	+
Unit:1	- 11	Introduction of Investment	N.A	20—	how	46
	. //	intioduction of investment		<u> 40</u> —	noui	3
		Contractor Marie -				
Investment Cho Money market	and Capita	Alternatives; Forms of Investment; Investment in Find I Market Investment Instruments; Investment Objectsk;		ssets	;	
nvestment Cho Money market nvestment-Ret	and Capita	l Market Investment Instruments; Investment Objectsk;				rs
Investment Cho Money market Investment-Ret Unit:2	and Capita turn and Ri	l Market Investment Instruments; Investment Object	etives;	18—	; - hou ı ting	
Investment Cho Money market Investment-Ret Unit:2 Investment M Securities; Ope	and Capita turn and Ri larket; Prir	l Market Investment Instruments; Investment Objectsk; Investment Market	etives;	18—Lis	-hour	of esti
Investment Cho Money market Investment-Ret Unit:2 Investment M Securities; Ope	and Capita turn and Ri Iarket; Prin erations of rokers; Reg	I Market Investment Instruments; Investment Objectsk; Investment Market mary and Secondary Markets; New Issue Market India Stock Market; Cost of Investingin Securities	etives;	18—Lis	ting f Invo	of esti EB
Investment Cho Money market Investment-Ret Unit:2 Investment M Securities; Operarkets and Br Unit:3 Fundamental A	and Capita turn and Ri Iarket; Prir erations of rokers; Reg	I Market Investment Instruments; Investment Objectsk; Investment Market mary and Secondary Markets; New Issue Market India Stock Market; Cost of Investingin Securities rulation and Control over investment market; Role a	etives; et; ; Mechan	Listics of the control of the contro	-hour ting f Invo	of esti EB
Investment Cho Money market Investment-Ret Unit:2 Investment M Securities; Openarkets and Br Unit:3	and Capita turn and Ri- larket; Prir erations of rokers; Reg analysis; Va Decision; S	I Market Investment Instruments; Investment Objectsk; Investment Market mary and Secondary Markets; New Issue Market India Stock Market; Cost of Investingin Securities ulation and Control over investment market; Role a Fundamental Analysis uluation Theories of Fixed and Variable Income Securities	etives; et; ; Mechan	Lister of the control	-hour ting f Invo	of EB
Investment Cho Money market Investment-Ret Unit:2 Investment M Securities; Operarkets and Br Unit:3 Fundamental A in Investment I	and Capita turn and Ri- larket; Printerations of rokers; Regulariallysis; Va Decision; Sy analysis- Tec	I Market Investment Instruments; Investment Objectsk; Investment Market mary and Secondary Markets; New Issue Market India Stock Market; Cost of Investingin Securities rulation and Control over investment market; Role a Fundamental Analysis rulation Theories of Fixed and Variable Income Securities systematic and Unsystematic Risk;	etives; et; ; Mechan and Guide curities Ri	Lissics of elines 17— iskAr	hour f Invo of S hour nalys	of esti EB rs

Portfolio Theory, Sh	arpe: Single Index Model; Capital Asset Pricing Model
-	2 hours
Unit:6	Contemporary Iss
Expert lectures, or	iline seminars - webinars
	90hours
	/v=nours
	3.E. CA.
-	
51 0	K A
Text Book(s)	
TOAT DOOR(S)	
1 Alexander, Gor	don J. and Sharpe, William F. (1989), "Fundamental of Investments",
1 Thenance, Gor	don't and Sharps, William I. (1707), I and anional of involutions,

Prentice Hall Inc, Englewood Cliffs, New Jersey. (Pearson Education).

6. Haugen, Robert, H. (198), "Modern Investment Theory", Prentice Hall Inc, Englewood

Cliffs, New Jersey. (Pearson Education).

Ballad, V. K, (2005), "Investment Management Security Analysis and PortfolioManagement", 8th Ed,

- S. Chand, New Delhi.
- 3 Elton, Edwin, J. and Gruber, Martin, J. (1984), "Modern Portfolio theory and

Reference Books

- Fischer, Donald, E. and Jordan, Ronald, J. (1995), "Security Analysis and Portfolio Management", 6th Ed, Pearson Education.
- Fuller, Russell, J. and Farrell, James, L. (1993), "Modern Investment and Security Analysis", McGraw Hill, New York.

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

1

2

4

Course Designed By:

Mapping Course objectives and course outcomes

Trupping course objectives und course outcomes								
	PO1	PO2	PO3	PO4	PO5			
CO1	S	S	S	S	S			
CO2	S	M	S	S	S			
CO3	M	S	M	S	S			
CO4	S	S	M	M	M			
CO5	S	M	S	S	S			

^{*}S – Strong; M – Medium; L - Low

Total Lecture hours

90—hours

Course code		TITLE OF THE COURSE	L	T	P	(
Elective III A		Income Tax and Lawpractice	3	_	+-	
Pre-requisite		Basic knowledgeinlaw	Sylla Vers		2021	1-22
Course Object	tives:					
The main object	ctives of thi	is course are to:				
 To familia To underst To evaluat 	rize with ca and the pro e the set of	rious concepts of income tax and relatedterminological culation if income under differentheads occss of set off and carry forward of losses while c if and carry forward of losses while calculating persistent of income and taxcomputation	omputing		ncon	ne
Expected Cou	rse Outcor	mes:				
On the succes	sful comple	etion of the cour <mark>se, student w</mark> ill be able to:				
1 Recall t	he various 1	terminologies related to income tax			K	[1
2 Underst	and the me	tho <mark>d of calculati</mark> ng and levying tax			K	2
3 Apply tl	ne various t	tax <mark>laws an</mark> d available provisions in tax computation	ons		K	[3
4 Apply th	e set off an	d carry forward of losses while calculating person	al income		K	:3
5 Analyse	self-assess	sment of income and tax computation			K	[4
K1 - Rememb	er; K2 - U1	<mark>nd</mark> ers <mark>ta</mark> nd; K3 - App ly; K4 - An aly <mark>ze; K5 - Ev</mark> alu	ate; K6 - 0	Create	е	
Unit:1		Income Tax Act		20—ł	our	
		ition of Income – Assessment year – Previous Year – Residential Status – Exempted Income.	r – Assess	ee – S	Scope	e of
Unit:2		Heads of Income		18—l	our	S
Heads of Incon	ne: Income	from Salaries – Income from House Property.				
Unit:3	7	Profits and Gains of Business or Profession		17	-hou	
Profit and		ess or Profession – Income from Other Sources.		1/-	-iivu	13
Gains						
Unit:4	Doduction	Capital Gains as from Gross Total Income.		15—	-hou	<u>rs</u>
Capital Gains -	- Deduction	is from Gross Total Income.				
Unit:5	,	Set off and Carry forward of losses		18—	-hou	rs
	ry forward	of losses – Aggregation of Income- Computation	of Tax lia			
Assessment of	Individuals	S				
Unit:6		Contemporary Issues		2	hou	rs
	i					
Expert lectures,	online se	eminars - webinars				

Text Book(s)

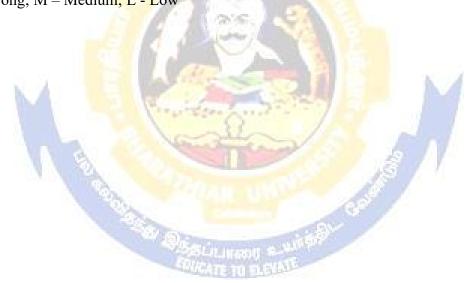
1	Gaur and Narang, "Income Tax Law and Practice" Kalyani publishers New Delhi
R	eference Books
1	Dr. HC Mehrotra, "Income-tax Law and Accounts" SahithyaBhavan publishers
R	elated Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]
1	· · · · · · · · · · · · · · · · · · ·

4 Course Designed By:

2

Mapping Programme outcomes							
	PO1	PO2	PO3	PO4	PO5		
CO1	S	S	L	L	L		
CO2	S	S	L	M	M		
CO3	S	M	M	L	L		
CO4	S	S	L	M	M		
CO5	S	M	M	L	L		

*S – Strong; M – Medium; L - Low





Course code		TITLI	E OF THE COUR	SE	L	T	P	C	
Elective III B		Bank	ing Law and Practic	ee	3	_	-		
Pre-requisite			nowledgeinBankin		Syllabus 2021-2 Version				
Course Object	ives:								
The main object									
1. To provide	knowledg	about the working	of bankingindustry						
		_	loan disbursement 1		S				
-	_		ents used in banking	•					
			ss and formalities of						
			cuments involved in	n bankingservic	es				
On the success			tudent will be able	to:					
							K	1	
							K		
			r easy and simple ba				K		
			and formalities of				K		
5 Classifyin	g various k	nd <mark>of doc</mark> uments in	volved in <mark>banking s</mark>	ervices			K	2	
K1 - Rememb	er; K2 - U1	derstand; K3 - App	ly; K4 - Analyze; k	<mark>5 - Ev</mark> aluate; I	(6 - (reate	;		
Unit:1		Banker and Custo	mer	E.	1	20—	hour	·s	
			ships between bank Secrecy of custom		er – sp	pecial			
Unit:2	The	Banki	ng Concepts	6		18—	hour	·s	
Opening of according			n er – types of dep o	<mark>sit – Bank Pas</mark>	s boo	k – с	ollee	ting	
Unit:3		W 8-	Cheque			17—	hour	'S	
cheques statuto	ry protection	-	crossing – making anker and collectiv		_	_			
Unit:4	<u> </u>	oans and Advances	s by Commercial B	ank		15—	hour	'S	
	•	_	policies of commercocuments of title to g			ecuri	ties –	lie	
Unit:5	I	osition of Surety				18-	hour	'S	
Position of sure	•		supply bill. Purcha	se and discoun	ting b	oill Tr	aveli	ng	
Unit:6		Contempor	ary Issues			2	hou	rs	
			•	1					

SCAA DATED: 23.06.2021

Ex	xpert lectures, online seminars - webinars								
	Total Lecture hours 90hours								
Te	Text Book(s)								
1	Sundharam and Varshney, Banking theory Law & Practice, Sultan Chand & Sons., New Delhi.								
2									
3	Reddy & Appanniah: Banking Theory and Practice								
Re	eference Books								
1	Natarajan& Gordon: Banking Theory and Practice								
2	Banking Regulation Act, 1949.								
3	Reserve Bank of India, Report on currency and Finance 2003-2004.								
Re	Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]								
1									
2									
4									
Co	ourse Designed By:								

Mapping Programme outcomes								
	PO1	PO2	PO3	PO4	PO5			
CO1	S	S	S	S	S			
CO2	S	S	S	S	S			
CO3	S	S	S	S	S			
CO4	S	S	S	S	S			
CO5	S	S	S	S	S			

^{*}S – Strong; M – Medium; L - Low

Course code	rse code - PROJECT AND VIVA VOCE				L	T	P	(
Elective - III (C Majo	or Project			-	3	-	3	
Pre-requisite Knowledge in Core, Research Methods and Analytical Tools				Syllabus	ous Version		on 202		
Course Object				1					
 The student The student 	s will gain know	job training and e ledge on problem	experience. identification and son the program and		outco	me.			
Expected Cou	rse Outcomes:								
On the success	ful completion of	f the course, stude	ent will be able to:						
	bout how to coll						K2		
2 Implement problem identification and will frame tool for collecting data							K3		
 Evaluate and get practical exposure on the framed objective. Execute and generate the procedure of compiling the collected data by using K3,K 									
4 Execute a analysis	and generate the	procedure of com	piling the collected	data by usii	ng		K3,K0)	
	ze and execute re	eport writing, and	will get complete k	nowledge o	of the		K2,K3	3	
K1 - Remembe	er; K2 - Un <mark>der</mark> sta	nd; K3 - Apply;	K4 - Analyse; K5 -	<mark>Eval</mark> uate; K	6 – Ci	reate			
Textbook(s)				<u> </u>	1				
1 C.R. Koth		ethodology Meth nal publisher, 200	ods and Techniques	", Second F	Edition	ı, Nev	W		
	Transaction of	A A A	March 1	10	7				
Reference Boo									
1 Ranjit Kui Publication		eth <mark>odol</mark> ogy: A St	ep-by-Step Guide fo	r Beginners	s, SAC	ЗE			
2 Robert B	Burns, Introducti	on to Research M	ethods, SAGE Publ	ications					
Course Design	ed By: Dr. A. Vi	mala, Dr. S. Sadl	nasivam and Dr. C	. Dhayanan	ıd				
	M	anning with Pro	ogramme Outcome	C					
COs	PO1	PO2	PO3	PO4]	PO5		
CO1	M	S	M	S			S		
CO2	S	S	S	S			S		
CO3	S	S	S	S			S		
CO4	S	S	S	S			S		
COS	CO5 S S S M						M		

^{*}S-Strong; M-Medium; L-Low

Course code		TITLE OF THE COURSE	L	T	P	(
Skill Based		Supply Chain Management	3	-	-	
Subject - 4			~ "			
Pre-requisite		Basic knowledge in Supply chain management	Syllabus Version		2021-	
Course Object	tives:		1,000			
		s course are to:				
1. Conceptua	alize an idea	a about supply chain management.				
		economies of scale in supply chain.				
		owledge on networking the supply chain.	***	~~**	.+	
		to know more about network design for supply chain ading of emerging trends and regulatory mechanisms				
3. Have bette	er understar	ding of emerging trends and regulatory mechanisms	m supp	ory cm	u111.	
Expected Cou	rse Outcon	1es:				
		etion of the course, student will be able to:				
1 Recall va	arious terms	and concepts relating to supply chain			K1	
2 Understa						
3 Evaluate the applications to e-business						
4 Differentiate specific network design in certain and uncertain situations					K4	
5 Explain the emerging trends in supply chain and the regulatory mechanisms					K2	
		nderstand; K3 - Apply; K4 - Analyze; K5 - Evaluate;		Croots		
		iderstand, NS - Appry, N4 - Anaryze, NS - Evaruate,	$V_0 - 0$	creau	•	
TT Remem		iderstand, R5 - Appry, R4 - Anaryze, R5 - Evaluate,	K0 - 0	Create		
Unit:1		Supply Chain Management	K0 – 0		0 ho	urs
Unit:1 Supply Chain	Managemen		ventory	1	0 ho	
Unit:1 Supply Chain	Managemen	Supply Chain Management ut – Global Optimisation – importance – key issues – Inv	ventory	1 mana	0 ho	en
Unit:1 Supply Chain – economic lo Unit:2 Supply chain	Management size model Integrates-	Supply Chain Management It – Global Optimisation – importance – key issues – Inv. Supply contracts – centralized vs. decentralized system	ventory n	1 mana	0 ho	en
Unit:1 Supply Chain – economic lo Unit:2 Supply chain	Management size model Integrates-	Supply Chain Management It – Global Optimisation – importance – key issues – Inv. Supply contracts – centralized vs. decentralized system Supply chain Integrates Push, Pull strategies – Demand driven strategies – Im	ventory n	1 mana 8 h	0 ho	en
Unit:1 Supply Chain – economic lo Unit:2 Supply chain industry – reta Unit:3 Strategic Allia	Management size model Integratesail industry ances: Fram	Supply Chain Management It – Global Optimisation – importance – key issues – Inv. Supply contracts – centralized vs. decentralized system Supply chain Integrates Push, Pull strategies – Demand driven strategies – Im – distribution strategies	ventory n pact or	1 mana 8 h	0 ho	en
Unit:1 Supply Chain – economic lo Unit:2 Supply chain industry – reta Unit:3 Strategic Allia	Management size model Integratesail industry ances: Fram	Supply Chain Management It – Global Optimisation – importance – key issues – Inv. Supply contracts – centralized vs. decentralized system Supply chain Integrates Push, Pull strategies – Demand driven strategies – Im – distribution strategies Strategic Alliances te work for strategic alliances – 3PL – merits and dem	ventory n pact or	1 mana 8 h m groco	0 ho	en S
Unit:1 Supply Chain – economic lo Unit:2 Supply chain industry – reta Unit:3 Strategic Allia supplier partn Unit:4 Procurement :	Management size model Integratesail industry ances: Framership – advand Outsour	Supply Chain Management It – Global Optimisation – importance – key issues – Inv. Supply contracts – centralized vs. decentralized system Supply chain Integrates Push, Pull strategies – Demand driven strategies – Im – distribution strategies Strategic Alliances the work for strategic alliances – 3PL – merits and demanages and disadvantages of RSP – distributor Integrates	pact or	mana 8 h n groc 9 - retail	o ho ngem nours ery hour	en S
Unit:1 Supply Chain – economic lo Unit:2 Supply chain industry – reta Unit:3 Strategic Allia supplier partn Unit:4 Procurement :	Management size model Integratesail industry ances: Framership – advand Outsour	Supply Chain Management It – Global Optimisation – importance – key issues – Inv. Supply contracts – centralized vs. decentralized system Supply chain Integrates Push, Pull strategies – Demand driven strategies – Im– distribution strategies Strategic Alliances Be work for strategic alliances – 3PL – merits and demandages and disadvantages of RSP – distributor Integrates Procurement and Outsourcing Teing: Outsourcing – benefits and risks – framework for the supplement of the supplement o	pact or	1 mana 8 h m groce 9 retail	o ho ngem nours ery hour	en S
Unit:1 Supply Chain – economic lo Unit:2 Supply chain industry – reta Unit:3 Strategic Allia supplier partn Unit:4 Procurement a decision – e-p Unit:5 Dimension of	Management size model Integratesail industry ances: Framership – advand Outsour	Supply Chain Management It – Global Optimisation – importance – key issues – Inv. Supply contracts – centralized vs. decentralized system Supply chain Integrates Push, Pull strategies – Demand driven strategies – Ime – distribution strategies Strategic Alliances The work for strategic alliances – 3PL – merits and demandages and disadvantages of RSP – distributor Integrates Procurement and Outsourcing Treing: Outsourcing – benefits and risks – framework for frame work of e-procurement	pact or make	1 mana 8 h n groce - retail 8 h	o ho agem ours ery hour	en S
Unit:1 Supply Chain – economic lo Unit:2 Supply chain industry – reta Unit:3 Strategic Allia supplier partn Unit:4 Procurement a decision – e-p Unit:5 Dimension of	Management size model Integratesail industry ances: Framership – advand Outsour	Supply Chain Management It – Global Optimisation – importance – key issues – Inv. Supply contracts – centralized vs. decentralized system Supply chain Integrates Push, Pull strategies – Demand driven strategies – Importance – distribution strategies Strategic Alliances The work for strategic alliances – 3PL – merits and demonstrategies and disadvantages of RSP – distributor Integrates Procurement and Outsourcing Training: Outsourcing – benefits and risks – framework for frame work of e-procurement Dimension of customer Value The product selection – the product select	pact or make	1 mana 8 h m groot 9 retail 8 h ce/buy	o ho agem ours ery hour	en S

lectures,

Total Lecture hours	45 hours

Page 85 of 86

Text Book(s)

1 Rushton, A., Oxley, J & Croucher, P (2nd Edition, 2000). Handbook of Logistics and Distribution Management. Kogan Page.

2

3

Reference Books

Simchi-Levi, David, Kamisnsky, Philip, and Simchi-Levi, Edith. (2nd Edition, 2004).

Designing and Managing the Supply Chain: Concepts, Strategies and Case Studies.

Irwin/McGraw Hill 32

2

Related Online Contents [MOOC, SWAYAM, NPTEL, Websites etc.]

https://www.ibm.com/topics/supply-chain-management#:~:text=supply%20chain%20management nt%3F-,Supply%20chain%20management%20is%20the%20handling%20of%20the%20entire%20pr oduction,final%20product%20to%20the%20consumer.

2 https://www.youtube.com/watch?v=Mi1QBxVjZAw

3

Course Designed By:

COs	PO1	PO2	PO3	PO4	PO5
CO1	S	S	S	S	S
CO2	M	S	S	S	S
CO3	S	S	S	S	S
CO4	S	M	M	S	S
CO5	S	S	S	S	S

^{*}S-Strong; M-Medium; L-Low

