



University of Madras

Chepauk, Chennai 600 005

[Est.1857, State University, NAAC 'A⁺⁺' Grade, CGPA 3.59, NIRF2019 Rank: 20]

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Undergraduate Programme in Commerce

Curriculum and Syllabus for

B.Com. General

(With effect from the Academic Year 2023-24)

JUNE 2023

Note: The Board of Studies in Commerce (UG) designed the syllabus as per Common Model Syllabus provided by TANSCHÉ based on Learning Outcome based Curriculum Framework (LOCF) as prescribed by the UGC.

PROGRAMME OBJECTIVE:

The B.Com. Degree Programme provides ample exposure to courses from the fields of Commerce, Accountancy and Management. The course equips the students for entry level jobs in industry, promotes the growth of their professional career, entrepreneurship and a key contributor to the economic development of the country.

LEARNING OUTCOMES – BASED CURRICULUM FRAMEWORK GUIDELINES BASED REGULATIONS FOR UNDER GRADUATE PROGRAMME	
Programme :	B.COM GENERAL
Programme Code :	
Duration :	3 Years (UG)

- PO1: Disciplinary knowledge:** Capable of demonstrating comprehensive knowledge and understanding of one or more Disciplines that form a part of an Undergraduate Programme of Study
- PO2: Communication Skills:** Ability to express thoughts and ideas effectively in writing and orally; Communicative with others using appropriate media: confidently share one's views and express herself / himself; demonstrate the ability to listen carefully, read and write analytically and present complex information in a clear and concise manner to different groups.
- PO3: Critical Thinking:** Capability to apply analytic thought to the body of knowledge; analyse and evaluate evidence , arguments, claims, beliefs on the basis of empirical evidence; identify relevant assumptions or implications; formulate coherent arguments; critically evaluate practices, policies and theories by following scientific approach to knowledge development.
- PO4: Problem Solving:** Capacity to extrapolate from what one has learnt and apply their competencies to solve different kinds of non- familiar problems, rather than replicate curriculum content knowledge; and apply one's learning to real life situations.
- PO5: Analytical Reasoning:** Ability to evaluate the reliability and relevance of evidence; identify logical flaws and holes in the arguments of others; analyse and synthesize data from the variety of sources; draw valid conclusion and support them with evidence and examples and addressing opposing viewpoints.
- PO6: Research-related skill:** A sense of inquiry and capability for asking relevant / appropriate questions, problem arising, synthesising and articulating, Ability to recognise cause and effect relationships, define problems, formulate hypothesis , analyse and interpret and draw conclusions from data, establish hypothesis, predict cause and effect relationships, execute and report the results of an experiment or investigation.

- PO7: Co-operation/Team work:** Ability to work effectively and respectfully with diverse teams; facilitate cooperative or coordinated effort on the part of a group, and act together as a group or a team in the interests of a common cause and work efficiently as a member of the team.
- PO8: Scientific reasoning:** Ability to analyse, interpret and draw conclusions from quantitative or qualitative data: and critically evaluate ideas, evidence and experiences from an open minded and reasoned perspective.
- PO9: Reflective thinking:** Critical sensibility to lived experiences, with self awareness and reflexivity of both self and society.
- PO10: Information/Digital Literacy:** Capability to use ICT in variety of learning situations, demonstrate ability to access, evaluate and use a variety of relevant information sources, and use appropriate software for analysis of data.
- PO11: Self-directed learning:** Ability to work independently, identify appropriate resources required for a project and manage a project through to completion.
- PO12: Multicultural competence:** Posses knowledge of values and belief of multiple cultures and global perspective: and capability to effectively engage in a multicultural society and interact respectfully with diverse groups.
- PO13: Moral and Ethical awareness /reasoning:** Ability to embrace moral/ethical values in conducting one's life, formulate a position/argument about an ethical issue from multiple perspectives and use ethical practices in all work. Capable of demonstrating the ability to identify ethical issue's related to one's work, avoid unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarist, not adhering to intellectual property rights; appreciating environmental and sustainability issues; and adopting objective, unbiased and truthful actions in all aspects of work.
- PO14: Leadership readiness/qualities:** Capability for mapping out the task of the team or an organisation, and setting direction, formulating and inspiring vision, building a team who can help achieve the vision, motivating and inspiring team members to engage with that vision and using management skill to guide people to the right destination in a smooth and efficient way.
- PO15: Life Long Learning:** Ability to acquire knowledge and skills, including "learning how to learn" , that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives and adapting to changing trades and demands of workplace through knowledge/skill development/reskilling.

Programme Specific Outcomes:

PSO1 – Placement:

To prepare the students who will demonstrate respectful engagement with others ideas, behaviours, beliefs and apply diverse frames of reference to decisions and action. Further the students are encouraged with add-on value based and job oriented courses which ensure them to sustain in the organisation level.

PSO2 – Contribution to Business World:

Apply theoretical concepts to business practices to produce employable, ethical, and innovative professionals to sustain in the dynamic business world.

PSO3 – Contribution to the Society:

To contribute to the development of the society by collaborating with stakeholders for mutual benefit. Become acquainted with commercial knowledge and soft skill to react in the most appropriate way when faced with challenges in the society.

B.COM – GENERAL COURSE STRUCTURE

FIRST YEAR							
FIRST SEMESTER							
Part	Course Code	Title of the Course	Credits	Hours	Marks		
					Internal	External	Total
Part I	----	Language I	3	6	25	75	100
Part II	100L1Z	English I	3	6	25	75	100
Part III	146C1A	Core Paper I –Financial Accounting I	5	5	25	75	
	146C1B	Core Paper II - Principles of Management	5	5	25	75	100
	146E1A	Elective I - Business Communication	3	4	25	75	100
	146E1B	Elective I - Business Environment			25	75	100
	146E1C	Elective I - Business Economics			25	75	100
Part IV	146S1A	SEC – 1 - MS Office for Commerce (P) *	2	2	40	60	100
	100L1L	Basic Tamil-I (Other Language Students) *	2	2	25	75	100
	100L1M	Advanced Tamil-I (Other Language Students) *					
	146B1A	Foundation Course FC - Professional Ethics	2	2	40	60	100
TOTAL			23	30			

* PART-IV: SEC-1 / Basic Tamil / Advanced Tamil (Any one)

1. Students who have studied Tamil upto XII STD and also have taken Tamil in Part I shall take SEC-I.
2. Students who have **not** studied Tamil upto XII STD and have taken any Language other than Tamil in Part-I shall take **Basic Tamil** comprising of Two Courses (level will be at 6th Std.).
3. Students who have studied Tamil upto XII STD and have taken any Language other than Tamil in Part-I shall take **Advanced Tamil** comprising of Two Courses.

FIRST YEAR							
SECOND SEMESTER							
Part	Course Code	Title of the Course	Credits	Hours	Marks		
					Internal	External	Total
Part I	----	Language II	3	6	25	75	100
Part II	100L2Z	English II	3	6	25	75	100
Part III	146C2A	Core Paper III –Financial Accounting II	5	5	25	75	100
	146C2B	Core Paper IV-Business Law	5	5	25	75	100
	146E2A	Elective II - Business Legislation Laws	3	4	25	75	100
	146E2B	Elective II - Insurance and Risk Management			25	75	100
	146E2C	Elective II – Indian Economic Development			25	75	100
Part IV	146S2A	SEC – 2 - Accounting using Excel (P) *	2	2	40	60	100
	100L2L	Basic Tamil-II (Other Language Students) *	2	2	25	75	100
	100L2M	Advanced Tamil-II (Other Language Students) *					
	146S2B	SEC 3 - Retail Management	2	2	25	75	100
TOTAL			23	30			

SECOND YEAR							
THIRD SEMESTER							
Part	Course Code	Title of the Course	Credits	Hours	Marks		
					Internal	External	Total
Part I	----	Language III	3	6	25	75	100
Part II	200L3Z	English III	3	6	25	75	100
Part III	246C3A	Core Paper V- Corporate Accounting I	5	5	25	75	100
	246C3B	Core Paper VI - Company Law	5	5	25	75	100
	246E3A	Elective III – International Trade	3	4	25	75	100
	246E3B	Elective III – Business Mathematics & Statistics			25	75	100
	246E3C	Elective III – E-Commerce			25	75	100
Part IV	246S3A	SEC – 4 – Basics of Entrepreneurship	1	1	25	75	100
	246S3B	SEC – 5 – Website Designing	2	2	40	60	100
	----	Environmental Studies	-	1	—	—	—
TOTAL			22	30			

SECOND YEAR							
FOURTH SEMESTER							
Part	Course Code	Title of the Course	Credits	Hours	Marks		
					Internal	External	Total
Part I	----	Language IV	3	6	25	75	100
Part II	200L4Z	English IV	3	6	25	75	100
Part III	246C4A	Core Paper VII–Corporate Accounting II	5	5	25	75	100
	246C4B	Core Paper VIII- Principles of Marketing	5	5	25	75	100
	246E4A	Elective IV– Financial Services	3	3	25	75	100
	246E4B	Elective IV– Consumerism & Consumer Protection					
	246E4C	Elective IV- Operations Research					
Part IV	246S4A	SEC–6 – Cash Accounting and Operating Cycle	2	2	25	75	100
	246S4B	SEC-7 – Fin Tech	2	2	40	60	100
	246V4A	Environmental Studies	2	1	—	—	—
TOTAL					25	30	—

THIRD YEAR							
FIFTH SEMESTER							
Part	Course Code	Title of the Course	Credits	Hours	Marks		
					Internal	External	Total
Part III	346C5A	Core Paper IX –Cost Accounting I	4	5	25	75	100
	346C5B	Core Paper X - Banking Law and Practice	4	5	25	75	100
	346C5C	Core Paper XI – Income Tax Law and Practice I	4	5	25	75	100
	346C5D	Core Paper XII – Auditing and Corporate Governance	4	5	25	75	100
	346E5A	Discipline Specific Elective 1/2 - Financial Management (OR)	3	4	25	75	100
	346E5B	Indirect Taxation					
	346E5C	Discipline Specific Elective 3/4 – Human Resource Management (OR)	3	4	25	75	100
346E5D	Office Management & Secretarial Practice						
Part IV	346V5A	Value Education	2	2	—	—	—
	346V5B	Summer Internship / Industrial Training	2	-			
TOTAL			26	30			

**THIRD YEAR
SIXTH SEMESTER**

Part	Course Code	Title of the Course	Credits	Hours	Marks		
					Internal	External	Total
Part III	346C6A	Core Paper XIII –Cost Accounting - II	4	6	25	75	100
	346C6B	Core Paper XIV-Management Accounting	4	6	25	75	100
	346C6C	Core Paper XV- Income Tax Law and Practice II	4	6	25	75	100
	346E6A	Discipline Specific Elective 5/6- Entrepreneurial Development (OR)	3	5	25	75	100
	346E6B	Computer Application in Business	3	5	25	75	100
	346E6C	Discipline Specific Elective 7/8- Logistics and Supply Chain Management (OR)	3	5	25	75	100
	346E6D	Basics of MS Excel	3	5	40	60	100
Part IV	346S6A	General awareness for Competitive Examination	2	2	25	75	100
Part V	346V6A	Extension Activity	1	-	-	-	-
TOTAL			21	30	-	-	-
GRAND TOTAL			140	180			

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UNIVERSITY OF MADRAS

Revised Template for the Scheme of Examination and Credit Distribution for UG Degree Programmes which Includes Naan Mudhalvan Courses with effect from the academic year 2023-2024 onwards

Component	Semester I	Credits	Hours
Part I	Languages – Tamil/Other Languages - 1	3	6
Part II	English 1	3	6
Part III	Core Course - CC 1	5	5
	Core Course - CC 2	5	5
	Elective 1 Generic/Discipline Specific	3	4
Part IV	Skill Enhancement Course (SEC) - 1	2	2
	Skill Enhancement(Foundation Course)	2	2
		23	30

Component	Semester II	Credits	Hours
Part I	Languages – Tamil /Other Languages - 2	3	6
Part II	English - 2	3	4 + 2*
Part III	Core Course - CC 3	5	5
	Core Course - CC 4	5	5
	Elective 2 Generic/Discipline Specific	3	4
Part IV	Skill Enhancement Course (SEC) - 2	2	2
	NMC- 1 * (Naan Mudhalvan Course) - Language Proficiency for Employability	2	2*
	Skill Enhancement Course – (SEC) -3	2	2
		25	30

- The Instructional hours distributed for Part-II English is 4 hours instead of 6 hours and the 2 hours provided for Language Proficiency for Employability (Naan Mudhalvan Course (NMC-I)) which shall be handled by the faculty of English Department only .

Component	Semester III	Credits	Hours
Part I	Languages – Tamil /Other Languages - 3	3	6
Part II	English - 3	3	6
Part III	Core Course - CC 5	5	5
	Core Course - CC 6	5	5
	Elective 3 Generic/Discipline Specific	3	4
Part IV	Skill Enhancement Course (SEC) - 4 (Entrepreneurial Skill)	1	1
	NMC-2 (Naan Mudhalvan Course/Skill Enhancement Course (SEC) - 5	2	2
	E.V.S.	-	1
		22	30

Contd..2..

Component	Semester IV	Credit	Hours
Part I	Languages – Tamil /Other Languages - 4	3	6
Part II	English - 4	3	6
Part III	Core Course - CC 7 Core Industry Module	5	5
	Core Course 8	5	5
	Elective 4 Generic/Discipline Specific	3	3
Part IV	NMC-3 (Naan Mudhalvan Course)/Skill Enhancement Course (SEC) - 6	2	2
	E.V.S	2	1
	Value Education	2	2
		25	30

Component	Semester V	Credits	Hours
Part I	Core Course - CC 9	4	5
Part II	Core Course - CC 10	4	5
Part III	Core Course - CC 11	4	5
	Core Course/ Project with viva-voce - CC 12	4	5
	Elective - 5 Generic/Discipline Specific	3	4
	Elective - 6 Generic/Discipline Specific	3	4
Part IV	NMC-4 (Naan Mudhalvan Course)/Skill Enhancement Course (SEC) - 7	2	2
	Summer Internship/Industrial Training	2	-
		26	30

Component	Semester VI	Credit	Hours
Part I	Core Course 13	4	6
Part II	Core Course 14	4	6
Part III	Core Course 15	4	6
	Elective - 7 Generic/Discipline Specific	3	5
	Elective - 8 Generic/Discipline Specific	3	5
Part IV	NMC- 5 (Naan Mudhalvan Course)/ Professional Competency Skill	2	2
Part V	Extension Activity	1	-
		21	30

- Total – 142 Credits (Minimum Credits required for the award of Degree 142)
- Originally Value Education subjects in the V Semester, now it is shifted to IV Semester in view of accommodating Naan Mudhalvan Course in the V Semester.
- Naan Mudhalvan Courses are mandatory for award of Degree for all UG Programmes, If a student is long absentee/lack of attendance for exceptional cases, he/she shall not be mapped for NM courses, instead the existing Skill Enhancement Course (SEC) shall be offered to the said students for award of Degree.

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B.COM. (GENERAL) DEGREE PROGRAMME
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FIRST YEAR – SEMESTER – I

CORE-I: FINANCIAL ACCOUNTING - I

(Common to BCom-AF, BM, CA, MM, ISM, Co-op. & CS)

Subject Code	L	T	P	S	Credits	Inst. Hours	Marks		
							CIA	External	Total
146C1A	5				5	5	25	75	100
Learning Objectives									
LO1	To understand the basic accounting concepts and standards.								
LO2	To know the basis for calculating business profits.								
LO3	To familiarize with the accounting treatment of depreciation.								
LO4	To learn the methods of calculating profit for single entry system.								
LO5	To gain knowledge on the accounting treatment of insurance claims.								
Prerequisites: Should have studied Accountancy in XII Std									
Unit	Contents								No. of Hours
I	Fundamentals of Financial Accounting Financial Accounting – Meaning, Definition, Objectives, Basic Accounting Concepts and Conventions - Journal, Ledger Accounts– Subsidiary Books — Trial Balance - Classification of Errors – Rectification of Errors – Preparation of Suspense Account – Bank Reconciliation Statement - Need and Preparation								15
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.								15
III	Depreciation and Bills of Exchange Depreciation - Meaning – Objectives – Accounting Treatments - Types - Straight Line Method – Diminishing Balance method – Conversion method. Units of Production Method – Cost Model vs Revaluation Bills of Exchange – Definition – Specimens – Discounting of Bills – Endorsement of Bill – Collection – Noting – Renewal – Retirement of Bill under rebate								15
IV	Accounting from Incomplete Records – Single Entry System 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.								15
V	Royalty and Insurance Claims Meaning – Minimum Rent – Short Working – Recoupment of Short Working – Lessor and Lessee – Sublease – Accounting Treatment. Insurance Claims –Calculation of Claim Amount-Average clause (Loss of Stock only)								15
TOTAL								75	
THEORY 20% & PROBLEM 80%									

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CO	Course Outcomes
CO1	Remember the concept of rectification of errors and Bank reconciliation statements
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 companies in case of loss of stock.

Textbooks

1.	S. P. Jain and K. L. Narang Financial Accounting- I, Kalyani Publishers, New Delhi.
2.	S.N. Maheshwari, Financial Accounting, Vikas Publications, Noida.
3.	Shukla Grewal and Gupta, “Advanced Accounts”, volume 1, S.Chand and Sons, New Delhi.
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.
6.	Dr. K. Murugadoss, Dr. M. Jaya, Dr. V. Charulatha & Dr. D. Baskar Financial Accounting, Vijay Nicole Imprints Private Limited, Chennai
7.	T.S. Reddy and Dr. A. Murthy, Financial Accounting, Margham Publications, Chennai

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	PSO1	PSO2	PSO3
CO1	3	2	3	3	2	3	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

UNIVERSITY OF MADRAS
B.COM. (GENERAL) DEGREE PROGRAMME
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FIRST YEAR – SEMESTER – I

CORE–II: PRINCIPLES OF MANAGEMENT

(Common to BCom-AF, BM, CA, MM, ISM, Co-op. & CS)

Subject Code	L	T	P	S	Credits	Inst. Hours	Marks		
							CIA	External	Total
146C1B	5				5	5	25	75	100
Learning Objectives									
LO1	To understand the basic management concepts and functions								
LO2	To know the various techniques of planning and decision making								
LO3	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								
Prerequisites: Should have studied Commerce in XII Std									
Unit	Contents								No. of Hours
I	Introduction to Management Meaning- Definitions – Nature and Scope - Levels of Management – Importance - Management Vs. Administration – Management: Science or Art –Evolution of Management Thoughts – F. W. Taylor, Henry Fayol, Peter F. Drucker, Elton Mayo - Functions of Management - Trends and Challenges of Management. Managers – Qualification – Duties & Responsibilities.								15
II	Planning Planning – Meaning – Definitions – Nature – Scope and Functions – Importance and Elements of Planning – Types – Planning Process - Tools and Techniques of Planning – Management by Objective (MBO). Decision Making: Meaning – Characteristics – Types - Steps in Decision Making – Forecasting.								15
III	Organizing 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	Staffing 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 degree Performance Appraisal – Work from Home - Managing Work from Home [WFH].								15

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V	<p>Directing 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 – Challenges faced by women in workforce - Supervision.</p> <p>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].</p>	15
Total		75
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 organization.	
CO4	Enumerate the various methods of Performance appraisal	
CO5	Demonstrate the notion of directing, co-coordination and control in the management.	
Textbooks		
1	Gupta.C.B, -Principles of Management-L.M. Prasad, S.Chand& Sons Co. Ltd, New Delhi.	
2	DinkarPagare, 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, Vijay Nichole Imprints Limited, Chennai	
2	Harold Koontz, Heinz Weirich, Essentials of Management, McGraw Hill, Sultan Chand and Sons, New Delhi.	
3	Griffin, 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		

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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

UNIVERSITY OF MADRAS
B.COM. (GENERAL) DEGREE PROGRAMME
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FIRST YEAR – SEMESTER - II

CORE – III: FINANCIAL ACCOUNTING-II

(Common to BCom-AF, BM, CA, MM, ISM, Co-op. & CS)

Subject Code	L	T	P	S	Credits	Inst. Hours	Marks		
							CIA	External	Total
146C2A	5				5	5	25	75	100
Learning Objectives									
LO1	The students are able to prepare different kinds of accounts such Higher purchase and Instalments System.								
LO2	To understand the allocation of expenses under departmental accounts								
LO3	To gain an understanding about partnership accounts relating to Admission and retirement								
LO4	Provides knowledge to the learners regarding Partnership Accounts relating to dissolution of firm								
LO5	To know the requirements of international accounting standards								
Prerequisites: Should have studied Accountancy in XII Std									
Unit	Contents								No. of Hours
I	Hire Purchase and Instalment System Hire Purchase System – Accounting Treatment – Calculation of Interest - Default and Repossession - Hire Purchase Trading Account - Instalment System - Calculation of Profit								15
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.								15
III	Partnership Accounts - I Partnership Accounts: –Admission of a Partner – Treatment of Goodwill - Calculation of Hidden Goodwill –Retirement of a Partner – Death of a Partner.								15
IV	Partnership Accounts - II Dissolution of Partnership - Methods – Settlement of Accounts Regarding Losses and Assets – Realization account – Treatment of Goodwill – Preparation of Balance Sheet - One or more Partners insolvent – All Partners insolvent – Application of Garner Vs Murray Theory – Accounting Treatment - Piecemeal Distribution – Surplus Capital Method – Maximum Loss Method.								15

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V	Accounting Standards for financial reporting (Theory only) Objectives and Uses of Financial Statements for Users-Role of Accounting Standards - Development of Accounting Standards in India Role of IFRS- IFRS Adoption vs Convergence Implementation Plan in India- Ind AS- An Introduction - Difference between Ind AS and IFRS.	15
TOTAL		75
THEORY 20% & PROBLEMS 80%		
Course Outcomes		
CO1	To evaluate the Hire purchase accounts and Instalment systems	
CO2	To prepare Branch accounts and Departmental Accounts	
CO3	To understand the accounting treatment for admission and retirement in partnership	
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. Shukla T.S. Grewal & S.C. Gupta, Advance Accounts, S Chand Publishing, New Delhi.	
3	R.L. Gupta and V.K. Gupta, "Financial Accounting", Sultan Chand, New Delhi.	
4	S P Jain and K. L. Narang: Financial Accounting- I, Kalyani Publishers, New Delhi.	
5	T.S. Reddy& A. Murthy, Financial Accounting, Margam Publishers, Chennai.	
6	Dr. K. Murugadoss, Dr. M. Jaya, Dr. V. Charulatha & Dr. D. Baskar Financial Accounting, Vijay Nicole Imprints Private Limited, 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		

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Web Resources	
1	https://www.slideshare.net/mesharma1/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**

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PSO 1	PSO 2	PSO 3
CO1	3	2	3	3	2	3	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
AVERAG E	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

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FIRST YEAR – SEMESTER – II

CORE – IV: BUSINESS LAW

(Common to BCom-AF, BM, CA, MM, ISM, Co-op. & CS)

Subject Code	L	T	P	S	Credits	Inst. Hours	Marks		
							CIA	External	Total
146C2B	5				5	5	25	75	100
Learning Objectives									
LO1	To know the nature and objectives of Mercantile law								
LO2	To understand the essentials of valid contract								
LO3	To gain knowledge on performance contracts								
LO4	To define the concepts of Bailment and pledge								
LO5	To understand the essentials of contract of sale								
Prerequisites: Should have studied Commerce in XII Std									
Unit	Contents							No. of Hours	
I	Elements of Contract Indian Contract Act 1872: Definition of Contract, Essentials of Valid Contract, Classification of Contract, Offer and Acceptance – Consideration – Capacity to Contract – Free Consent - Legality of Object – Contingent Contracts – Void Contract							15	
II	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							15	
III	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 –							15	
IV	Bailment and Pledge Bailment and Pledge – Bailment – Concept – Essentials - Classification of Bailments, Duties and Rights of Bailor and Bailee – Law of Pledge – Meaning – Essentials of Valid Pledge, Pledge and Lien, Rights of Pawner and Pawnee.							15	
V	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		

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Course Outcome	
CO1	Explain the Objectives and significance of Mercantile law
CO2	Understand the clauses and exceptions of Indian Contract Act.
CO3	Explain concepts on performance, breach and discharge of contract.
CO4	Outline the contract of indemnity and guarantee
CO5	Explain the various provisions of Sale of Goods Act 1930
Textbooks	
1	N.D. Kapoor , Business Laws- Sultan Chand and Sons, New Delhi.
2	R.S.N. Pillai – Business Law, S.Chand, New Delhi.
3	M C Kuchhal& Vivek Kuchhal, Business law, S Chand Publishing, New Delhi
4	M.V. Dhandapani, Business Laws, Sultan Chand and Sons, New Delhi.
5	Shusma Aurora, Business Law, Taxmann, 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: Latest Edition of Textbooks May be Used	
Web Resources	
1	www.cramerz.com www.digitalbusinesslawgroup.com
2	http://swcu.libguides.com/buslaw
3	http://libguides.slu.edu/businesslaw

**MAPPING WITH PROGRAMME OUTCOMES
 AND PROGRAMME SPECIFIC OUTCOMES**

	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	2	2	2	2	2	2	2
CO3	3	2	2	3	2	2	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

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SECOND YEAR – SEMESTER - III
CORE – V: CORPORATE ACCOUNTING I

(Common to BCom-AF, BM, CA, MM, ISM, Co-op. & CS)

Subject Code	L	T	P	S	Credits	Inst. Hours	Marks		
							CIA	External	Total
246C3A	5				5	5	25	75	100
Learning Objectives									
LO1	To understand about the pro-rata allotment and Underwriting of Shares								
LO2	To know the provisions of companies Act regarding Issue and Redemption of Preference shares and debentures								
LO3	To learn the form and contents of financial statements as per Schedule III of Companies Act 2013								
LO4	To examine the various methods of valuation of Goodwill and shares								
LO5	To identify the Significance of International financial reporting standard (IFRS)								
Prerequisite: Should have studied Financial Accounting in I Year									
Unit	Contents								No. of Hours
I	Issue of Shares Issue of Shares – Premium - Discount - Forfeiture - Reissue – Pro-rata Allotment Issue of Rights and Bonus Shares - Underwriting of Shares and Debentures – Underwriting Commission - Types of Underwriting.								15
II	Issue & Redemption of Preference Shares & Debentures Redemption of Preference Shares–Provisions of Companies Act– Capital Redemption Reserve – Minimum Fresh Issue – Redemption at Par, Premium and Discount. 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.								15
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								15
IV	Valuation of Goodwill & Shares Valuation of Goodwill – Meaning – Need for Valuation of Goodwill – Methods of Valuing Goodwill – Average Profit – Super Profit – Annuity and Capitalisation Method. Valuation of Shares – Need for Valuation of Shares – Methods of Valuation of Shares – Net Assets Method – Yield and Fair Value Methods.								15

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V	Indian Accounting Standards International Financial Reporting Standard (IFRS)–Meaning and its Applicability in India - Indian Accounting Standards – Meaning – Objectives – Significance – 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 – 16 – Property, Plant & Equipment, Ind AS 38 – Intangible Assets Ind AS – 103, Business Combinations Ind AS 110, Consolidated Financial Statement. (Theory Only)	15
	TOTAL	75
THEORY 20% & PROBLEMS 80%		
Course Outcomes		
CO1	Prepare and account for various entries to be passed in case of issue, forfeiture and reissue of shares and compute the liability of underwrites	
CO2	Asses the accounting treatment of issue and redemption of preference shares and debentures	
CO3	Construct Financial Statements applying relevant accounting treatments	
CO4	Compute the value of goodwill and shares under different methods and assess its applicability	
CO5	Integrate theoretical knowledge on all accounting in par with IFRS and IND AS	
Textbooks		
1	S.P. Jain and N.L. Narang, Advanced Accounting Vol I, Kalyani Publication, New Delhi.	
2	R.L. Gupta and M. Radha swamy, Advanced Accounts Vol I, Sultan Chand, New Delhi.	
3	Broman, 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 & Nozer Shroff, Students Guide To Accounting Standards ,Taxmann, New Delhi	
3	Prof. Mukeshbramhbutt, Devi, Corporate Accounting I, Ahilya Publication, Madhya Pradesh	
4	Anil Kumar, Rajesh kumar, Corporate accounting I, Himalaya Publishing house, Mumbai.	
5	Prasanth Athma, Corporate Accounting I, Himalaya Publishing house, Mumbai.	
NOTE: Latest Edition of Textbooks May be Used		

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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

**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	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	2	2	2	3	2	2
CO5	3	3	3	2	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

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SECOND YEAR – SEMESTER - III

CORE – VI: COMPANY LAW

(Common to BCom-AF, BM, CA, MM, ISM, Co-op. & CS)

Subject Code	L	T	P	S	Credits	Inst. Hours	Marks		
							CIA	External	Total
246C3B	5				5	5	25	75	100
Learning Objectives									
LO1	To know Company Law 1956 and Companies Act 2013								
LO2	To have an understanding on the formation of a company								
LO3	To understand the requisites of meeting and resolution								
LO4	To gain knowledge on the procedure to appoint and remove Directors								
LO5	To familiarize with the various modes of winding up								
Prerequisite: Should have studied Commerce in XII Std									
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.								15
II	Formation of Company Formation of a Company – Promoter –Incorporation Documents e-filing – Memorandum of Association – Contents – Alteration – Legal Effects – Articles of Association - Certificate of Incorporation – Prospectus – Contents - Kinds – Liabilities – Share Capital – Kinds – Issue – Alteration – Dividend – Debentures.								15
III	Meeting Meeting and Resolution – Types – Requisites – Voting & Poll – Quorum – Proxy - Resolution – Ordinary & Special - Audit & Auditors – Qualification, Disqualification, Appointment and Removal of an Auditor -								15
IV	Management & Administration 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

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V	Winding up 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
Course Outcomes		
CO1	Understand the classification of companies under the act	
CO2	Examine the contents of the Memorandum of Association & Articles of Association	
CO3	Know the qualification and disqualification of Auditors	
CO4	Understand the workings of National Company Law Appellate Tribunal (NCLAT)	
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	
4	Shusma Aurora, Business Law, Taxmann, New Delhi	
5	M.C.Kuchal, Business Law, VikasPublication, Noida	
Reference Books		
1	Gaffoor&Thothadri, Company Law, Vijay Nichole Imprints Limited, Chennai	
2	M.R. Sreenivasan, Business Laws, Margham Publications, Chennai	
3	KavyaAndVidhyasagar, Business Law, Nithya Publication, Bhopal	
4	S.D.Geet, Business Law Nirali Prakashan Publication, Pune	
5	PreethiAgarwal, 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	

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MAPPING WITH PROGRAMME OUTCOMES
AND PROGRAMME SPECIFIC OUTCOMES

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PSO 1	PSO 2	PSO 3
CO1	3	2	3	2	3	3	2	3	3	2	2
CO2	3	2	3	2	3	3	2	3	3	2	2
CO3	3	2	3	2	3	3	2	3	3	2	2
CO4	3	2	3	2	3	3	2	3	3	2	2
CO5	3	2	3	2	3	3	2	3	3	2	2
TOTAL	15	10	15	10	15	15	10	15	15	10	10
AVERAG E	3	2	3	2	3	3	2	3	3	2	2

3 – Strong, 2- Medium, 1- Low

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SECOND YEAR – SEMESTER – IV

CORE – VII: CORPORATE ACCOUNTING – II

(Common to BCom-AF, BM, CA, MM, ISM, Co-op. & CS)

Subject Code	L	T	P	S	Credits	Inst. Hours	Marks		
							CIA	External	Total
246C4A	5				5	5	25	75	100
Learning Objectives									
LO1	To know the types of Amalgamation, Internal and external Reconstruction								
LO2	To know Final statements of banking companies								
LO3	To understand the accounting treatment of Insurance company accounts								
LO4	To understand the procedure for preparation of consolidated Balance sheet								
LO5	To have an insight on modes of winding up of a company								
Prerequisite: Should have studied Financial Accounting in I Year									
Unit	Contents								No. of Hours
I	Amalgamation, Internal & External Reconstruction Amalgamation – Meaning - Purchase Consideration - Lump sum Method, Net Assets Method, Net Payment Method, Intrinsic Value Method - Types of Methods of Accounting for Amalgamation -The Pooling of Interest Method - The Purchase Method (Excluding Inter-Company Holdings). Internal & External Reconstruction Internal Reconstruction – Conversion of Stock – Increase and Decrease of Capital – Reserve Liability - Accounting Treatment of External Reconstruction								15
II	Accounting of Banking Companies Final Statements of Banking Companies (As Per New Provisions) - Non-Performing Assets - Rebate on Bills Discounted- Profit and Loss a/c - Balance Sheet as Per Banking Regulation Act 1949.								15
III	Insurance Company Accounts: Meaning of Insurance – Principles – Types – Preparation of Final Accounts of Insurance Companies – Accounts of Life Insurance Business – Accounts of General Insurance Companies -New Format.								15
IV	Consolidated Financial Statements Introduction-Holding & Subsidiary Company-Legal Requirements Relating to Preparation of Accounts -Preparation of Consolidated Balance Sheet (Excluding Inter-Company Holdings).								15
V	Liquidation of Companies Meaning-Modes of Winding Up – Preparation of Statement of Affairs and Statement of Deficiency or Surplus (List H) Order of Payment – Liquidators Remuneration- Liquidator’s Final Statement of Accounts.								15
								TOTAL	75
THEORY 20% & PROBLEMS 80%									

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Course Outcomes	
CO1	Understand the accounting treatment of amalgamation, Internal and external reconstruction
CO2	Construct Profit and Loss account and Balance Sheet of Banking Companies in accordance in the prescribed format.
CO3	Synthesize and prepare final accounts of Insurance companies in the prescribed format
CO4	Give the consolidated accounts of holding companies
CO5	Preparation of liquidator's final statement of account
Textbooks	
1	S.P. Jain and K.L Narang. Advanced Accountancy, Kalyani Publishers, New Delhi.
2	Dr.K.S .Raman and Dr. M.A. Arulanandam , Advanced Accountancy, Vol. II, Himalaya Publishing House, Mumbai.
3	R.L. Gupta and M. Radhaswamy, Advanced Accounts, Sultan Chand, New Delhi.
4	M.C. Shukla and T.S. Grewal, Advanced Accounts Vol.II, S Chand & Sons, New Delhi.
5	T.S. Reddy and A.Murthy, Corporate Accounting II, Margham Publishers, Chennai
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.
NOTE: Latest Edition of Textbooks May be Used	
Web Resources	
1	https://www.accountingnotes.net/amalgamation/amalgamation-absorption-and-reconstruction-accounting/126
2	https://www.slideshare.net/debchat123/accounts-of-banking-companies
3	https://www.accountingnotes.net/liquidation/liquidation-of-companies-accounting/12862

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**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	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

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SECOND YEAR– SEMESTER– IV

CORE PAPER VIII –PRINCIPLES OF MARKETING

(Common to BCom-AF, BM, CA, MM, ISM, Co-op. & CS as Elective)

Subject Code	L	T	P	S	Credits	Inst. Hours	Marks		
							CIA	External	Total
246C4B	5				5	5	25	75	100
Learning Objectives									
LO1	To know the concept and functions of marketing								
LO2	To understand the importance of market segmentation								
LO3	To examine the stages of new product development								
LO4	To gain knowledge on the various advertising medias								
LO5	To analyse the global market environment								
Prerequisite: Should have studied Commerce in XII Std									
Unit	Contents								No. of Hours
I	Introduction to Marketing Meaning – Definition and Functions of Marketing – Evolution of Marketing Concepts – Innovations in Modern Marketing. Role and Importance of Marketing - Classification of Markets - Niche Marketing.								15
II	Market Segmentation Meaning and definition – Benefits – Criteria for segmentation – Types of segmentation – Geographic – Demographic – Psychographic – Behavioural – Targeting, Positioning & Repositioning - Introduction to Consumer Behaviour–Consumer Buying Decision Process and Post Purchase Behaviour — Motives. Freud’s Theory of Motivation.								15
III	Product & Price Marketing Mix — an overview of 4P’s of Marketing Mix – Product – Introduction to Stages of New Product Development – Product Life Cycle — Pricing – Policies – Objectives –Factors Influencing Pricing– Kinds of Pricing.								15
IV	Promotions and Distributions Elements of promotion – Advertising – Objectives - Kinds of Advertising Media - Traditional vs Digital Media - Sales Promotion – types of sales promotion – Personal Selling – Qualities needed for a personal seller – Channels of Distribution for Consumer Goods- Channel Members – Channels of Distribution for Industrial Goods.								15

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V	Competitive Analysis and Strategies Global Market Environment – Social Responsibility and Marketing Ethics – Recent Trends in Marketing –A Basic Understanding of E–Marketing & M–Marketing – E-Tailing – CRM –Market Research – MIS and Marketing Regulation.	15
	TOTAL	75
CO	Course Outcomes	
CO1	Develop an understanding on the role and importance of marketing	
CO2	Apply the 4p’s of marketing in their venture	
CO3	Identify the factors determining pricing	
CO4	Use the different Channels of distribution of industrial goods	
CO5	Understand the concept of E-marketing and E-Tailing	
Textbooks		
1	Philip Kotler, Principles of Marketing : A South Asian Perspective, Pearson Education, NewDelhi	
2	Dr.C.B.Gupta & Dr.N.Rajan Nair, Marketing Management, Sultan Chand & Sons, New Delhi.	
3	Dr.Amit Kumar, Principles of Marketing, Shashi bhawan Publishing House, Chennai	
4	Dr.N.Rajan Nair, Marketing, Sultan Chand & Sons. New Delhi	
5	Neeru Kapoor Principles Of Marketing, PHI Learning, New Delhi	

Reference Books		
1	Prof Kavita Sharma, Dr Swati Agarwal, Principles of Marketing Book,Taxmann,Newdelhi	
2	Dr.J.Jayasankar, Marketing Management, Margham Publications, Chennai.	
3	Assael, H.Consumer Behaviour and Marketing Action,USA :PWS-Kent	
4	Hoyer, W.D. And Macinnis, D.J., Consumer Behaviour, USA: Houghton Mifflin Company	
5	Baker M, Marketing Management And Strategy, Macmill an Business, Bloombury Publishing, India	
NOTE: Latest Edition of Textbooks May be Used		

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Web Resources	
1	https://www.aha.io/roadmapping/guide/marketing/introduction
2	https://www.investopedia.com/terms/m/marketsegmentation.asp
3	https://www.shiprocket.in/blog/understanding-promotion-and-distribution-management/

**MAPPING WITH PROGRAMME OUTCOMES
 AND PROGRAMME SPECIFIC OUTCOMES**

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PSO 1	PSO 2	PSO 3
CO1	3	2	3	2	2	2	2	2	2	3	2
CO2	3	2	3	2	3	2	2	2	2	3	2
CO3	3	2	3	2	3	2	2	2	2	3	2
CO4	3	2	3	2	2	2	2	2	2	3	2
CO5	3	2	3	2	2	2	2	2	2	3	2
TOTAL	15	10	15	10	12	10	10	10	10	15	10
AVERAG E	3	2	3	2	2.4	2	2	2	2	3	2

3 – Strong, 2- Medium, 1- Low

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 SYLLABUS WITH EFFECT FROM 2023-2024

THIRD YEAR – SEMESTER - V

CORE – IX: COST ACCOUNTING – I

(Common to BCom-AF, BM, CA, MM & ISM)

Subject Code	L	T	P	S	Credits	Inst. Hours	Marks		
							CIA	External	Total
346C5A	5				4	5	25	75	100
Learning Objectives									
LO1	To understand the various concepts of cost accounting.								
LO2	To prepare and reconcile Cost accounts.								
LO3	To gain knowledge regarding valuation methods of material.								
LO4	To familiarize with the different methods of calculating labour cost.								
LO5	To know the apportionment of Overheads.								
Prerequisite: Should have studied Commerce in XII Std									
Unit	Contents								No. of 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.								15
II	Cost Sheet and Methods of Costing Preparation of Cost Sheet - Tenders & Quotations - Reconciliation of Cost and Financial Accounts –Unit Costing-Job Costing.								15
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.								15
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.								15
V	Overheads Costing Overheads – Definition – Classification – Allocation and Apportionment of Overheads – Basis of Apportionment – Primary and Secondary Distribution - Absorption of Overheads – Methods of absorption Preparation of Overheads Distribution Statement – Machine Hour Rate – Computation of Machine Hour Rate.								15
TOTAL								75	
THEORY 20% & PROBLEMS 80%									

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Course Outcomes	
CO1	Remember and recall the various concepts of cost accounting
CO2	Demonstrate the preparation and reconciliation of cost sheet.
CO3	Analyse the various valuation methods of issue of materials.
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 & Co, New Delhi,
3	Dr.S.N. Maheswari, Principles of Cost Accounting, Sultan Chand Publications, New Delhi
4	T.S. Reddy and Y. Hari Prasad Reddy, Cost Accounting, Margham publications, Chennai
5	S.P. Iyengar, Cost Accounting, Sultan Chand Publications, New Delhi
Reference Books	
1	Polimeni, Cost Accounting: Concepts and Applications for Managerial Decision Making, 1991, McGraw–Hill, New York.
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 Delhi
4	Murthy A & Gurusamy S, Cost Accounting, Vijay Nicole Imprints Pvt. Ltd. Chennai
5	Prasad.N.K and Prasad.V.K, Cost Accounting, Book Syndicate, Kolkata
NOTE: 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

**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	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	2	2	3	2	2
CO5	3	2	3	2	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

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 SYLLABUS WITH EFFECT FROM 2023-2024

THIRD YEAR – SEMESTER - V

CORE – X: BANKING LAW AND PRACTICE

(Common to BCom-AF, BM, CA, MM, ISM, Co-op. & CS)

Subject Code	L	T	P	S	Credits	Inst. Hours	Marks		
							CIA	External	Total
346C5B	5				4	5	25	75	100
Learning Objectives									
LO1	To help the students understand various provision of Banking Regulation Act 1949 applicable to banking companies including cooperative banks								
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, its formation, nationalizing its organization structure, role of bank to government, role in promoting agriculture and industry, role in financial inclusion								
LO4	To understand how capital fund of commercial banks, objectives and process of Asset securitization etc.								
LO5	To explore practical banking systems relationship of bankers and customers, crossing of cheques, endorsement etc.								
Unit	Contents								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 – Public Sector Banks, Private Banks, Foreign Banks, RRB, UCB, Payment Banks and Small Finance Banks - Banking System – Branch Banking - Unit Banking - Universal Banking- Financial Inclusion								15
II	Central Bank and Commercial Bank Central Banking: Definition –Need - Principles- Central Banking Vs Commercial Banking - Functions of Central Bank – Credit Creation. Commercial Banking: Definition - Functions – Personal Banking – Corporate Banking – Digital banking – Core Banking System (CBS) - Role of Banks in Economic Development.								15

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III	<p>Banking Practice Types of Accounts CASA – Types of Deposits - Opening Bank Account- Jan Dhan Yojana - Account Statement vs Passbook vs e-statement - Banker Customer Relationship - Special Types of Customers –KYC norms. Loans & Advances –Lending Sources- Lending Principles-Types of Loans - classification of assets and income recognition / provisioning (NPA) – Repo Rate & Reverse Repo Rate - securities of lending-Factors influencing bank lending.</p>	15
IV	<p>Negotiable Instruments Act Negotiable Instruments – Meaning & Definition – Characteristics -Types of negotiable instruments. Crossing of Cheques– Concept - Objectives – Types of Crossing - - Consequences of Non-Crossing. Endorsement - 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 - Dishonouring of Cheques- Discharge by paying banks - Payments of a crossed cheque - Refusal of cheques Payment. Duties of Collecting Banker-Statutory protection under section 131-Collecting bankers’ duty –RBI instruction –Paying Banker Vs Collecting Banker- Customer Grievances-Grievance Redressal –Banking Ombudsman.</p>	15
V	<p>Digital Banking Meaning- Services - e-banking and financial services- Initiatives- Opportunities - Internet banking Vs Traditional Banking Mobile banking–Anywhere Banking-Any Time Banking- Electronic Mobile Wallets. ATM – Concept - Features - Types-. Electronic money-Meaning-Categories-Merits of e-money - National Electronic Funds Transfer (NEFT), RTGS, IMPS, UPI and Digital currency – Differences - Safety and Security in Digital Banking.</p>	15
	TOTAL	75
Course Outcomes		
CO1	Aware of vvarious 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 India and their roles and function	
CO3	Gain knowledge about the Central Bank in India, its formation, nationalizing its organization structure, 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, endorsement etc.	

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Textbooks	
1	Gurusamy S, Banking Theory: Law and Practice, Vijay Nicole Publication, Chennai
2	Muraleedharan, Modern Banking: Theory and Practice, Prentice Hall India Learning Private Ltd, New Delhi
3	Gupta P.K. Gordon E. Banking and Insurance, Himalaya publication, Kolkata
4	Gajendra, A Text on Banking Theory Law & Practice, Vrinda Publication, Delhi
5	K P Kandasami, S Natarajan & Parameswaran, Banking Law and Practice, S Chand publication, New Delhi
Reference Books	
1	B. Santhanam, Banking & Financial System, Margam Publication, Chennai
2	<u>Katait Sanjay</u> , Banking Theory and Practice, Lambert Academic Publishing,
3	Henry Dunning Macleod, The Theory And Practice Of Banking, Hard Press Publishing, Old New Zealand
4	William Amasa Scott, Money And Banking: An Introduction To The Study Of Modern Currencies, Kesinger publication, USA
5	Nektarios Michail, Money, Credit, and Crises: Understanding the Modern Banking System, Palgrave Macmillan, London
NOTE: Latest Edition of Textbooks May be Used	
Web Resources	
1	https://www.rbi.org.in/
2	https://businessjargons.com/e-banking.html
3	https://www.wallstreetmojo.com/endorsement/

**MAPPING WITH PROGRAMME OUTCOMES
 AND PROGRAMME SPECIFIC OUTCOMES**

	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	3	2	2	2	3	3	2
CO3	3	2	3	2	3	2	2	2	3	3	2
CO4	3	2	2	2	3	2	2	2	3	3	2
CO5	3	2	3	2	3	2	2	2	3	3	2
TOTAL	15	10	13	10	15	10	10	10	15	15	10
AVERAGE	3	2	2.6	2	3	2	2	2	3	3	2

3 – Strong, 2- Medium, 1- Low

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THIRD YEAR – SEMESTER - V

CORE – XI: INCOME TAX LAW AND PRACTICE-I

(Common to BCom-AF, BM, CA, MM, ISM & CS)

Subject Code	L	T	P	S	Credits	Inst. Hours	Marks		
							CIA	External	Total
346C5C	5				4	5	25	75	100
Learning Objectives									
LO1	To understand the basic concepts & definitions under the Income Tax Act, 1961.								
LO2	To compute the residential status of an assessee and the incidence of tax.								
LO3	To compute income under the head salaries.								
LO4	To learn the concepts of Annual value, associated deductions and the calculation of income from House property.								
LO5	To compute the income from Business & Profession considering its basic principles & specific disallowances.								
Prerequisite: Should have studied Commerce in XII Std									
Unit	Contents								No. of Hours
I	Introduction to Income Tax Introduction to Income Tax – History – Objectives of Taxation - Features of Income Tax – Meaning of Income – Types – Important Definitions Under the Income Tax Act –Types of Assessee – Income exempted under Section 10.								15
II	Residential Status Residential Status – Residential Status of an Individual – Company – HUF – Basic Conditions – Additional Conditions – Incidence of Tax and Residential Status – Problems on Residential Status and Incidence of Tax.								15
III	Income from Salary Salary Income - Definition – Allowances –Taxability - Perquisites – Kinds of Perquisites –Types of Provident Fund - Gratuity – Pension – Commutation of Pension – Deduction of Salary - Profits in Lieu of Salary - Computation of Salary Income .								15
IV	Income from House Property Income from House Property –Basis of Charge – Annual Value – Gross Annual Value, Net Annual Value - Let-out vs Deemed to be let out Self-Occupied Property – Deductions – Computation of Income from House Property.								15

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V	Profits and Gains from Business or Profession Income from Business or Profession – Allowable Expenses – Expenses Disallowed - General Deductions – Depreciation – Undisclosed Income & Investments, Unexplained expenditure (Sec 69A, 69B, 69C, 69D) – Compulsory Maintenance of Books of Accounts – Audit of Accounts of Certain Persons – Special Provisions for Computing Incomes on Estimated Basis (Deemed Income) – Computation of Income from Business or Profession.	15
TOTAL		75
Course Outcomes		
THEORY 20% & PROBLEMS 80%		
CO1	Demonstrate the understanding of the basic concepts and definitions under the Income 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, Kalyani Publishers, New Delhi.	
2	T.S. Reddy and Hariprasad Reddy, Income Tax Law and Practice, Margham Publications, Chennai.	
3	Dinkar Pagare, Income Tax Law and Practice, Sultan & Chand Sons, New Delhi.	
4	H.C. Mehrotra, Dr. Goyal S.P, Income Tax Law and Accounts, Sahitya Bhavan Publications, 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.	
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, New Delhi.	
NOTE: Latest Edition of Textbooks May be Used		

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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

3 – Strong, 2- Medium, 1- Low

**MAPPING WITH PROGRAMME OUTCOMES
 AND PROGRAMME SPECIFIC OUTCOMES**

	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

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THIRD YEAR – SEMESTER – V

CORE –XII : AUDITING & CORPORATE GOVERNANCE

(Common to BCom-AF, BM, CA, MM, ISM, Co-op. & CS)

Subject Code	L	T	P	S	Credits	Inst. Hours	Marks		
							CIA	External	Total
346C5D	5				4	5	25	75	100
Learning Objectives									
LO1	To enable students to understand process of auditing and its classification.								
LO2	To impart knowledge on internal check and internal control.								
LO3	To illustrate the role of auditors in company.								
LO4	To help students understand the framework, theories and models of Corporate Governance.								
LO5	To provide insights into the concept of Corporate Social Responsibility								
Prerequisite: Should have studied Commerce in XII Std									
Unit	Contents								No. of Hours
I	Introduction to Auditing Meaning and Definition of Auditing –Distinction between Auditing and Accounting – Objectives – Advantages and Limitations of Audit – Scope of Audit – Classifications of Audits – Audit of For Profit enterprises and Non–profit Organizations								15
II	Audit Procedures and Documentation Audit Planning – Audit Programme – Procedures - Internal Audit - Internal Control – Internal Check System – Vouching – Cash and Trade Transactions - Verification of Assets and Liabilities and its Valuation								15
III	Company Auditor Appointment and Removal of Auditors – Rights, Duties and Liabilities of Auditor –Audit Report - Recent Trends in Auditing - Information Systems Audit (ISA) – Auditing around the computer – Auditing through the computer - e-audit tools.								15
IV	Introduction to Corporate Governance Conceptual Framework of Corporate Governance: Theories & Models, Broad Committees - Corporate Governance Reforms. Major Corporate Scandals in India and Abroad: Common Governance Problems Noticed in various Corporate Failures. Introduction to Environment, Social and Governance (ESG - Code of Conduct – Directors and Auditors								15
V	Corporate Social Responsibility Concept of CSR, Corporate Philanthropy, Strategic Relationship of CSR with Corporate Sustainability - CSR and Business Ethics, CSR and Corporate Governance - CSR Provisions under the Companies Act, 2013 (Section 135 schedule – VII). – CSR Policy Rules								15
TOTAL								75	

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Course Outcomes	
CO1	Define auditing and its process.
CO2	Compare and contrast essence of internal check and internal control.
CO3	Identify the role of auditors in companies.
CO4	Define the concept of Corporate Governance.
CO5	Appraise the implications of Corporate Social Responsibility
Textbooks	
1	Dinkar Pagare, Principles and Practice of Auditing, Sultan Chand & Sons, New Delhi
2	B. N. Tandon, S. Sudharsanam&S.Sundharabahu, Practical Auditing, S.Chand& Sons New Delhi.
3	Dr.T.R. Sharma, Dr. Gaurav Sankalp, Auditing & Corporate Governance, Sahithya Bhawan Publications, Agra
4	ArunaJha, Auditing & Corporate Governance, Taxmann Publication Pvt. Ltd, New Delhi.
5	Essentials of Auditing, Dr. K. Sundar & K. Paari, Vijay Nicole Imprints Private Limited, Chennai
Reference Books	
1	Kevin Keasey, Steve Thompson & Mike wright, Governance & Auditing, Emerald Group Publishing Limited, Bingley
2	Dr.T.R. Sharma, Auditing, Sahithya Bhawan Publications, Agra
3	C.B.Gupta, NehaSinghal, Auditing & Corporate Governance, Scholar Tech Press, New Delhi.
4	Shri. Vengadamani, Practical Auditing, Margham Publication, Chennai.
NOTE: Latest Edition of Textbooks May be Used	
Web Resources	
1	https://www.wallstreetmojo.com/audit-procedures/
2	https://theinvestorsbook.com/company-auditor.html
3	https://www.investopedia.com/terms/c/corp-social-responsibility.asp

**MAPPING WITH PROGRAMME OUTCOMES
AND PROGRAMME SPECIFIC OUTCOMES**

	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

3 – Strong, 2- Medium, 1- Low

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THIRD YEAR – SEMESTER - VI

CORE –XIII: COST ACCOUNTING – II

(Common to BCom-AF, BM, CA, MM & ISM)

Subject Code	L	T	P	S	Credits	Inst. Hours	Marks		
							CIA	External	Total
346C6A	6				4	6	25	75	100
Learning Objectives									
LO1	To understand the standards in Cost Accounting								
LO2	To know the concepts of contract costing.								
LO3	To be familiar with the concept of process costing.								
LO4	To learn about operation costing.								
LO5	To gain insights into standard costing.								
Prerequisite: Should have studied Cost Accounting in V Sem									
Unit	Contents								No. of Hours
I	Cost Accounting Standards An Introduction to CAS – Purpose of CAS – Advantages of CAS – Difference between CAS and FAR Regulations – Different Degrees of CAS Coverage – Cost Accounting Standards - Responsibility Accounting and Divisional Performance Measurement.								18
II	Job Costing, Batch Costing and Contract Costing Definitions - Features - A Comparison - Calculation of Profit on Contracts – Cost Plus Contract - Preparation of Contract A/c.								18
III	Process Costing Process Costing – Meaning – Features of Process Costing – Application of Process Costing – Fundamental Principles of Process Costing – Preparation of Process Accounts - Treatment of Loss and Gain: Normal and Abnormal Loss - Abnormal Gain - Concept of Equivalent Production - Joint Products and By Products.								18
IV	Operation Costing Operation Costing – Meaning – Preparation of Operating Cost Sheet – Transport Costing – Power Supply Costing–Hospital Costing–Simple Problems.								18
V	Standard Costing and Variance Analysis Definition – Objectives – Advantages – Standard Cost and Estimated Cost – Installation of Standard Costing System – Variance Analysis – Material, Labour, Overhead, and Sales Variances – Calculation of Variances.								18
								TOTAL	90
THEORY 20% & PROBLEMS 80%									
Course Outcomes									

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CO1	Remember and recall standards in cost accounting
CO2	Apply the knowledge in contract costing
CO3	Analyze and assimilate concepts in process costing
CO4	Understand various bases of classification cost and prepare operating cost statement.
CO5	Set up standards and analyse variances.
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 & Co, New Delhi.
3	Dr.S.N. Maheswari, Principles of Cost Accounting, Sultan Chand publications, New Delhi.
4	T.S. Reddy and Y. Hari Prasad Reddy, Cost Accounting, Margham publications, Chennai.
5	S.P. Iyengar, Cost Accounting, Sultan Chand Publications, New Delhi.
Reference Books	
1	Polimeni, Cost Accounting: Concepts and Applications for Managerial Decision Making, New York, McGraw–Hill, Noida.
2	Jain S.P. and Narang K.L. Cost Accounting, Kalyani Publishers, New Delhi.
3	V.K.Saxena and C.D. Vashist, Cost Accounting, Sultan Chand publications, New Delhi.
4	Murthy A &Gurusamy S, Cost Accounting,Vijay Nicole Imprints Pvt. Ltd. Chennai.
5	Prasad. N.K and Prasad.V.K, Cost Accounting, Book Syndicate, Bangladesh.
NOTE: Latest Edition of Textbooks May be Used	
Web Resources	
1	https://www.economicdiscussion.net/cost-accounting/contract-costing/32597
2	https://www.wallstreetmojo.com/process-costing/
3	https://www.accountingnotes.net/cost-accounting/operating-costing/17755

**MAPPING WITH PROGRAMME OUTCOMES
AND PROGRAMME SPECIFIC OUTCOMES**

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

3 – Strong, 2- Medium, 1- Low

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THIRD YEAR – SEMESTER – VI
CORE – XIV: MANAGEMENT ACCOUNTING

(Common to BCom-AF, BM, CA, MM, ISM, Co-op. & CS)

Subject Code	L	T	P	S	Credits	Inst. Hours	Marks		
							CIA	External	Total
346C6B	6				4	6	25	75	100
Learning Objectives									
LO1	To understand basics management accounting								
LO2	To know the aspects of Financial Statement Analysis								
LO3	To familiarize with fund flow and cash flow analysis								
LO4	To learn about budgetary control								
LO5	To gain insights into marginal costing.								
Prerequisite: Should have studied Financial Accounting in I Semester.									
Unit	Contents								No. of Hours
I	Introduction to Management Accounting Management Accounting – Meaning – Scope – Importance- Limitations - Management Accounting Vs Cost Accounting – Management Accounting Vs Financial Accounting. Analysis and Interpretation of Financial Statements – Nature and Significance – Types of Financial Analysis – Tools of Analysis – Comparative Statements – Common Size Statement – Trend Analysis.								18
II	Ratio Analysis Ratio Analysis: Meaning – Advantages – Limitations – Types of Ratios – Liquidity Ratios – Profitability Ratios -Turnover Ratios – Solvency Ratios – Leverage Ratios - Preparation of Financial Statements from Ratios.								18
III	Funds Flow & Cash Flow Analysis Introduction, Meaning of Funds Flow Statement-Ascertainment of Flow of Funds - Schedule of Changes in Working Capital- Adjusted Profit and Loss Account - Preparation of Funds Flow Statement. Cash Flow Statement: Meaning – Advantages – Limitations – Preparation of Cash Flow Statement as per AS 3 –Cash Flow from Operating, Financing and Investing activities								18

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IV	Budget and Budgetary Control Meaning – Preparation of Various Budgets – Cash Budget - Flexible Budget– Production Budget – Sales Budget – Master Budget – Budgetary Control – Benefits	18
V	Marginal Costing: Meaning - Features – Marginal Costing vs Absorption Costing - 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. Decision Making: Selection of a Product Mix – Make or Buy Decision – Discontinuance of a product line – Change or Status quo – Limiting Factor or Key Factor.	18
TOTAL		90
THEORY 20% & PROBLEMS 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 Publications,	
2	Rds. Maheswari, Cost and Management Accounting, Sultan Chand Sons Publications, New Delhi.	
3	Sharma and Shashi K. Gupta, Management Accounting, Kalyani Publishers, Chennai.	
4	Jenitra L Mervin ,Daslton L Cecil, Management Accounting, Lerantec Press, Chennai.	
5	T.S.Reddy& Y. Hari Prasad Reddy, Management Accounting, Margham Publications, Chennai.	
Reference Books		
1	Chadwick – The Essence of Management Accounting, Financial Times Publications, England.	
2	Charles T.Horngren and Gary N. Sundem–Introduction to Management Accounting, Pearson, Chennai.	
3	Murthy A and GurusamyS ,Management Accounting- Theory &Practice, Vijay Nicole Imprints 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.	

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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

**MAPPING WITH PROGRAMME OUTCOMES
 AND PROGRAMME SPECIFIC OUTCOMES**

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PSO 1	PSO 2	PSO 3
CO1	3	2	3	2	3	2	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	3	2	2	2	3	2	2
CO5	3	3	3	2	3	2	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

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THIRD YEAR – SEMESTER - VI

CORE – XV: INCOME TAX LAW AND PRACTICE – II

(Common to BCom-AF, BM, CA, MM, ISM & CS)

Subject Code	L	T	P	S	Credits	Inst. Hours	Marks		
							CIA	External	Total
346C6C	6				4	6	25	75	100
Learning Objectives									
LO1	To understand provisions relating to capital gains								
LO2	To know the provisions for computation of income from other sources.								
LO3	To familiarize law relating to set off and carry forward of losses and deductions from Gross Total Income.								
LO4	To learn about assessment of individuals								
LO5	To gain knowledge about assessment procedures.								
Prerequisite: Should have studied Financial Accounting in Ist Sem									
Unit	Contents								No. of Hours
I	Capital Gains Capital Assets – Transfer – Short term vs Long term capital assets - Computation of Capital Gains – Exemption under Section 54 , 54B, 54D, 54EC, 54F, 54GA.								18
II	Income From Other Sources & Clubbing of Income Chargeability - Computation of Income from Other Sources – Deductions Allowed – Clubbing of Income – Concept								18
III	Set Off and Carry Forward of Losses and Deductions From Gross Total Income Gross Total Income vs Total Income - Provisions for Set-off and Carry Forward of Losses (Simple Problems). Deductions U/S 80C, 80CC, 80CCB, 80CCC, 80CCD, 80 CCE, 80D, 80DD, 80DDB, 80E, 80EE, 80EEA, 80EEB, 80G, 80GG, 80GGA, 80TTA, 80TTB, and 80U only.								18
IV	Computation of Total Income – Individual Computation of Total Income - Tax Liability of an Individuals (Old regime vs New regime								18
V	Income Tax Authorities Administration of Income Tax Act – Income Tax Authorities – Powers of CBDT – Powers of Income Tax Officer - Procedure for Assessment – Filing of Return – Due Dates of Filing – Voluntary Filing – Return of Loss – Belated Return – Defective Return – Signing of Return – Permanent Account Number (PAN) , e-PAN – Tax credit statement (26 AS) and Annual Information Statement (AIS).								18
TOTAL								90	
THEORY 20% & PROBLEMS 80%									

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Course Outcomes	
CO1	Remember and recall provisions on capital gains
CO2	Apply the knowledge about income from other sources
CO3	Analyse 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, Kalyani Publishers, New Delhi.
2	T.S. Reddy and Hariprasad Reddy, Income Tax Law and Practice, Margham Publications, Chennai.
3	Dinkar Pagare, Income Tax Law and Practice, Sultan & Chand Sons, New Delhi.
4	Mehrotra H.C, Dr.Goyal S.P, Income Tax Law and Accounts, Sahitya Bhavan Publications, 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.
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, New Delhi.
NOTE: Latest Edition of Textbooks May be Used	
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/

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MAPPING WITH PROGRAMME OUTCOMES
AND PROGRAMME SPECIFIC OUTCOMES

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PSO 1	PSO 2	PSO 3
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
AVERAG E	3	2.2	2.6	2	2.6	2	2.6	2.6	3	2	2.2

3 – Strong, 2- Medium, 1- Low

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FIRST YEAR – SEMESTER – I
ELECTIVE - I: BUSINESS ECONOMICS
 (Common to BCom-AF, BM & MM)

Subject Code	L	T	P	S	Credits	Inst. Hours	Marks		
							CIA	External	Total
146E1C	4				3	4	25	75	100
Learning Objectives									
LO1	To understand the approaches to economic analysis								
LO2	To know the various determinants of demand								
LO3	To gain knowledge on concept and features of consumer behaviour								
LO4	To learn the laws of variable proportions								
LO5	To enable the students to understand the objectives and importance of pricing policy								
Prerequisites: Should have studied Commerce in XII Std									
Unit	Contents								No. of Hours
I	Introduction to Economics Introduction to Economics – Wealth, Welfare and Scarcity Views on Economics – Positive and Normative Economics - Definition – Scope and Importance of Business Economics - Concepts: Production Possibility frontiers – Opportunity Cost – Accounting Profit and Economic Profit – Incremental and Marginal Concepts – Time and Discounting Principles – Concept of Efficiency- Business Cycle:- Theory, Inflation, Depression, Recession, Recovery, Reflation and Deflation,								12
II	Demand & Supply Functions Meaning of Demand - Demand Analysis: Demand Determinants, Law of Demand and its Exceptions. Elasticity of Demand: Definition, Types, Measurement and Significance. Demand Forecasting - Factors Governing Demand Forecasting - Methods of Demand Forecasting, Law of Supply and Determinants.								12
III	Consumer Behaviour Consumer Behaviour – Meaning, Concepts and Features – Law of Diminishing Marginal Utility – Equi-Marginal Utility – Cardinal and Ordinal concepts of 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.								12
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								12

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V	Market Structure 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	12
TOTAL		60
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, New Delhi.	
2	C.M. Chaudhary, Business Economics-RBSA Publishers - Jaipur-03.	
3	Aryamala.T, Business Economics, Vijay Nocolle, Chennai.	
4	T.P Jain, Business Economics, 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 Priyanka Jindal, Business Economics, CA Foundation Study material, Chennai.	
NOTE: Latest Edition of Textbooks May be Used		

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Web Resources	
1	https://youtube.com/channel/UC69_-P77nf5-rKrjcpVEsqQ
2	https://www.icsi.edu/
3	https://www.yourarticlelibrary.com/marketing/pricing/product-pricing-objectives-basis-and-factors/74160

**MAPPING WITH PROGRAMME OUTCOMES
 AND PROGRAMME SPECIFIC OUTCOMES**

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PSO 1	PSO 2	PSO 3
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
AVERAG E	3	2	2.6	2.8	2.2	2	2	2	2	2	2

3 – Strong, 2- Medium, 1- Low

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FIRST YEAR – SEMESTER - II

ELECTIVE - II: INDIAN ECONOMIC DEVELOPMENT

(Common to B.Com. A&F, BM & MM)

Subject Code	L	T	P	S	Credits	Inst. Hours	Marks		
							CIA	External	Total
146E2C	4				3	4	25	75	100
Learning Objectives									
LO1	To understand the concepts of Economic growth and development								
LO2	To know the features and factors affecting economic development								
LO3	To gain understanding about the calculation of national income								
LO4	To examine the role of public finance in economic development								
LO5	To understand the causes of inflation								
Prerequisites: Should have studied Commerce in XII Std									
Unit	Contents								No. of Hours
I	Economic Development and Growth Meaning & Definition - Concepts of Economic Growth and Development. Differences between Growth and Development. Measurement of Economic Development: Per Capita Income, Basic Needs, Physical Quality of Life Index, Human Development Index and Gender Empowerment Measure- Factors affecting Economic Development								12
II	Classification of Nations on the basis of development Characteristics of Developing Countries and Developed Countries - Population and Economic Development- Theories of Demographic Transition. Human Resource Development and Economic Development								12
III	National Income Meaning, Importance, National Income -Concept, types of measurement, Comparison of National Income at Constant and Current Prices. Sectorial Contribution to National Income. National Income and Economic Welfare								12
IV	Public Finance Meaning, Importance, Role of Public Finance in Economic Development, Public Revenue-Sources, Direct and Indirect taxes, Impact and Incidence of Taxation, Public Expenditure-Classification and Canons of Public Expenditure, Public Debt-Need, Sources and Importance, Budget-Importance, Types of Deficits -Revenue, Budgetary, Primary and Fiscal, Deficit Financing.								12

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V	Money Supply Theories of Money and Its Supply, Types of Money-Broad, Narrow and High Power, Concepts of M1, M2 and M3. Inflation and Deflation -Types, Causes and Impact, - Price Index- CPI and WPI, Role of Fiscal Policy in Controlling Money supply	12
TOTAL		60
Course Outcomes		
CO1	Elaborate the role of State and Market in Economic Development	
CO2	Explain the Sectorial contribution to National Income	
CO3	Illustrate and Compare National Income at constant and current prices.	
CO4	Describe the canons of public expenditure	
CO5	Understand the theories of money and supply	
Textbooks		
1	Dutt and Sundaram, Indian Economy, S.Chand, New Delhi	
2	V.K. Puri, S.K. Mishra, Indian Economy, Himalaya Publishing house, Mumbai	
3	Remesh Singh, Indian Economy, McGraw Hill, Noida.	
4	Nitin Singhania, Indian Economy, McGraw Hill, Noida.	
5	Sanjeverma, The Indian Economy, unique publication, Shimla.	
Reference Books		
1	GhatakSubrata : Introduction to Development Economics, Routledge Publications, New Delhi.	
2	SukumoyChakravarthy : Development Planning- Indian Experience, OUP, New Delhi.	
3	Ramesh Singh, Indian Economy, McGraw Hill, Noida.	
4	Mier, Gerald, M : Leading issues in Economic Development, OUP, New Delhi.	
5	Todaro, MichealP : Economic Development in the third world, Orient Longman, Hyderabad	
NOTE: Latest Edition of Textbooks May be Used		
Web Resources		
1	http://www.jstor.org	
2	http://www.indiastat.com	
3	http://www.epw.in	

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MAPPING WITH PROGRAMME OUTCOMES
AND PROGRAMME SPECIFIC OUTCOMES

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PSO 1	PSO 2	PSO 3
CO1	3	2	2	3	2	2	2	2	2	2	2
CO2	3	2	3	3	2	2	2	2	2	3	2
CO3	3	2	3	3	2	2	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	14	15	10	10	10	10	10	13	10
AVERAG E	3	2	2.8	3	2	2	2	2	2	2.2	2

3 – Strong, 2- Medium, 1- Low

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SECOND YEAR – SEMESTER - III

ELECTIVE III : BUSINESS MATHEMATICS & STATISTICS

(Common to BCom-AF, BM, MM & Co-op.)

Subject Code	L	T	P	S	Credits	Inst. Hours	Marks		
							CIA	External	Total
246E3B	4				3	4	25	75	100
Learning Objectives									
LO1	To impart knowledge on the basics of ratio, proportion, indices and proportions								
LO2	To learn about simple and compound interest and arithmetic, geometric and harmonic progressions.								
LO3	To familiarise with the measures of central tendency								
LO4	To conceptualise with correlation co-efficient								
LO5	To gain knowledge on time series analysis								
Prerequisite: Should have studied Commerce in XII Std									
Unit	Contents								No. of Hours
I	Ratio Ratio, Proportion and Variations, Indices and Logarithms.								12
II	Interest and Annuity Banker's Discount – Simple and Compound Interest - Arithmetic, Geometric and Harmonic Progressions. Annuity - Meaning - Types of Annuity Applications.								12
III	Business Statistics Measures of Central Tendency Arithmetic Mean, Geometric Mean - Harmonic Mean - Mode and Median – Quartiles – Deciles - Percentiles. Measures of Variation – Range - Quartile Deviation and Mean Deviation - Variance and Standard Deviation & Co-efficient.								12
IV	Correlation and Regression Correlation - Karl Pearson's Coefficient of Correlation – Spearman's Rank Correlation – Regression Lines and Coefficients.								12
V	Time Series Analysis and Index Numbers Time Series Analysis : Secular Trend – Seasonal Variation – Cyclical variations - Index Numbers – Aggregative and Relative Index – Chain and Fixed Index –Wholesale Index – Cost of Living Index.								12
TOTAL								60	
Theory 20 % & Problems 80%									

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Course Outcomes	
CO1	Learn the basics of ratio, proportion, indices and logarithm
CO2	Familiarise with calculations of simple and compound interest and arithmetic, geometric and harmonic progressions.
CO3	Determine the various measures of central tendency
CO4	Calculate the correlation and regression co-efficient.
CO5	Assess problems on time series analysis
Textbooks	
1	Dr. B.N. Gupta, Business Mathematics & Statistics, Shashibhawan publishing house, Chennai
2	Asim Kumar Manna, Business Mathematics & Statistics, McGraw hill education, Noida
3	A.V. Rayarikar and Dr. P.G. Dixit, Business Mathematics & Statistics, Nirali Prakashan Publishing, Pune
4	Dr.S. Sachdeva, Business Mathematics & Statistics, Lakshmi NarainAgarwal, Agra
5	P.R. Vittal, Business Mathematics & Statistics, Margham Publications, Chennai
Reference Books	
1	J.K. Sharma, Fundamentals of business statistics, Vikas publishing, Noida
2	Peter Waxman, Business Mathematics & Statistics, Prentice Hall, New York
3	Andre Francis, Business Mathematics & Statistics, Cengage Learning EMEA, Andover
4	Aggarwal B M, Business Mathematics & Statistics, Ane Book Pvt. Ltd., New Delhi
5	R.S. Bhardwaj, Business Mathematics & Statistics, Excel Books Publisher, New Delhi
NOTE: Latest Edition of Textbooks May be Used	
Web Resources	
1	https://www.britannica.com/biography/Henry-Briggs
2	https://corporatefinanceinstitute.com/resources/data-science/central-tendency/
3	https://www.expressanalytics.com/blog/time-series-analysis/

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MAPPING WITH PROGRAMME OUTCOMES
AND PROGRAMME SPECIFIC OUTCOMES

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PSO 1	PSO 2	PSO 3
CO1	3	2	3	2	2	2	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
AVERAG E	3	2	3	2	2.4	2	3	2	3	2	2

3 – Strong, 2- Medium, 1- Low

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SECOND YEAR – SEMESTER – IV

Elective IV- Operation Research

(Common to BCom-AF & MM)

Subject Code	L	T	P	S	Credits	Inst. Hours	Marks		
							CIA	External	Total
246E4C	3				3	3	25	75	100
Learning Objectives									
LO1	To introduce the students to operations research and linear programming.								
LO2	To impart knowledge about transportation and assignment problems.								
LO3	To get acquainted with game theory and simulation.								
LO4	To develop abilities to analyse and manage inventories using various methods.								
LO5	To acquire knowledge on network analysis.								
UNIT	Contents								No. of Hours
I	Introduction to Operations research and Linear Programming Problem Operations research – Origin and development - Role in decision making - Phases and approaches to OR - Linear programming problem – Applications and limitations - Formulation of LPP - Optimal Solution to LPP - Graphical method - Simplex Method								9
II	Transportation and Assignment problem Transportation Problem – methods - North West corner method - Least cost method - Vogel’s approximation method - Moving towards optimality - Stepping stone & MODI methods - Assignment problem								9
III	Game Theory and Simulation Game Theory- different strategies followed by the players in a game - Optimal strategies of a game using maxi-min criterion - Dominance property - Graphical method - Simulation								9
IV	Inventory Management Introduction to inventory systems, inventory classification. Economic order quantity (EOQ) model, Single period probabilistic inventory models with discrete and continuous demand, determination of reorder point for deterministic and probabilistic Inventory System. Basic concepts of Just-in-Time (JIT) and Material Requirement Planning (MRP)								9
V	Network Analysis Network models- CPM and PERT Determination of Critical Path Method (CPM)- PERT cost- Crashing a project- Scheduling of a project- Application of PERT and CPM.								9
								Total	45

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CO	Course Outcomes
CO1	Frame a linear programming problem for quantitative decisions in business planning.
CO2	Optimise economic factors by applying transportation and assignment problems.
CO3	Apply the concept of game theory and simulation for optimal decision making.
CO4	Analyse and manage inventories to meet the changes in market demand.
CO5	Construct networks including PERT, CPM for strategic management of business projects.
Textbooks	
1.	C.R.Kothari, "Quantitative Techniques", Vikas Publications, Noida
2.	V.K. Kappor, "Operations Research - Problems and Solutions", Sultan Chand & Sons Publisher, New Delhi
3.	Anand Sharma, Operation Research, Himalaya Publishing House, 2014, Mumbai
4.	M Sreenivasa Reddy, Operation Research, CENGAGE, New Delhi
5.	S. Gurusamy, Elements of Operation Research, Vijay Nicole Imprints Private Limited
Reference Books	
1.	S Kalavathy, Operations Research, Vikas Publications, Noida
2.	S.P. Gupta, "Statistical Methods", S.Chand& Sons Publisher, New Delhi. 2019
3.	Sarangi, SK Applied Operations Research and Quantitative Methods, Himalaya Publishing House, 2014, Mumbai
4.	ND Vohra, Quantitative Techniques in Management, McGraw Hill, 6th Edition, New Delhi 2021
5.	P.R.Vittal - Operation Research, Margham Publications, Chennai
Web Resources	
1.	www.orsi.in
2.	www.learnaboutor.co.uk
3.	www.theorsociety.com

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**MAPPING WITH PROGRAMME OUTCOMES AND PROGRAMME SPECIFIC
 OUTCOMES**

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PSO 1	PSO 2	PSO 3
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	2	2	2	3	2	2
CO5	3	3	3	2	3	2	2	2	3	2	2
TOTAL	15	11	15	10	13	10	10	10	15	10	10
AVERAG E	3	2.2	3	2	2.6	2	2	2	3	2	2

3-Strong, 2-Medium , 1- Low

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THIRD YEAR – SEMESTER – V
DISCIPLINE SPECIFIC ELECTIVE: FINANCIAL MANAGEMENT

(Common to BCom-AF, BM & CA)

Subject Code	L	T	P	S	Credits	Inst. Hours	Marks		
							CIA	External	Total
346E5A	4				3	4	25	75	100
Learning Objectives									
LO1	To introduce the concept of financial management.								
LO2	To learn the capital structure theories.								
LO3	To gain knowledge about techniques in capital budgeting								
LO4	To learn about dividend payment models.								
LO5	To understand the needs and calculation of working capital in an organization.								
Prerequisites: Should have studied Commerce in XII Std									
Unit	Contents								No. of Hours
I	Introduction Meaning and Objectives of Financial Management – Functions of Financial Management. Finance - Sources of Finance-Role of Financial Manager - Financial Goals- Profit maximization Vs. Wealth Maximization – Concept of Time Value Money –Risk and Return – Components of Financial Management.								12
II	Financial Decision Capital Structure – Definition - Meaning- Theories- Factors determining Capital Structure – Various approaches of Capital structure Cost of Capital – Meaning – Factors determining cost of capital - Methods - Cost of Equity Capital – Cost of Preference Capital – Cost of Debt – Cost of Retained Earnings – Weighted Average (or) Composite Cost of Capital (WACC) Leverage – Concept – Operating and Financial Leverage								12
III	Investment Decision Capital Budgeting - Meaning - Process – Cash Flow Estimation Capital Budgeting Appraisal Methods: Traditional Methods - Payback Period – Accounting Rate of Return (ARR). Discounted Cash-flow Methods: Net Present Value (NPV) – Internal Rate of Return – Profitability Index.								12

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IV	Dividend Decision Meaning – Dividend Policies – Factors Affecting Dividend Payment – Provisions on Dividend Payment in Company Law – Dividend Models - Walter’s Model - Gordon’s Model – M&M Model.	12
V	Working Capital Decision Working Capital - Meaning and Importance – Classification - Working Capital Cycle - Factors Influencing Working Capital – Determining Working Capital - Management of Current Assets: Inventories, Accounts Receivables and Cash.	12
TOTAL		60
THEORY 40% & PROBLEMS 60%		
Course Outcomes		
CO1	Recall the concepts in financial management.	
CO2	Apply the various capital structure theories.	
CO3	Apply capital budgeting techniques to evaluate investment proposals.	
CO4	Determine dividend pay-outs.	
CO5	Estimate the working capital of an organization.	
Textbooks		
1	R.K. Sharma, Shashi K Gupta, Financial Management, Kalyani Publications, New Delhi.	
2	M.Y. Khan and P.K.Jain, Financial Management, McGraw Hill Education, Noida.	
3	I.M. Pandey, Financial Management, Vikas Publications, Noida.	
4	Dr.S.N. Maheshwari, Elements of Financial Management, Sultan Chand & Sons, New Delhi.	
5	Dr.Kulkarni and Dr. Sathya Prasad, Financial Management, Himalaya Publishing House, Mumbai.	
Reference Books		
1	Prasana Chandra, Financial Management, Tata McGraw Hill, NewDelhi.	
2	I.M. Pandey, Financial Management, Vikas Publishing, Noida.	
3	Khan & Jain, Financial Management, Sultan Chand & Sons, New Delhi.	
4.	A.Murthy, Financial Management, ,Margham Publications, Chennai.	
5.	J. Srinivasan and P. Periyasamy, Financial Management, Vijay Nicole Publishers, Chennai.	
NOTE: Latest Edition of Textbooks May be Used		

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Web Resources	
1	https://efinancemanagement.com/financial-management/types-of-financial-decisions
2	https://efinancemanagement.com/dividend-decisions
3	https://www.investopedia.com/terms/w/workingcapital.asp

**MAPPING WITH PROGRAMME OUTCOMES
 AND PROGRAMME SPECIFIC OUTCOMES**

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PSO 1	PSO 2	PSO 3
CO1	3	2	3	2	3	2	3	3	3	2	2
CO2	3	2	2	2	3	2	2	2	3	2	3
CO3	3	3	3	2	3	2	3	3	3	2	2
CO4	3	2	2	2	3	2	2	2	3	2	2
CO5	3	3	3	2	3	2	3	3	3	2	2
TOTAL	15	12	13	10	15	10	13	13	15	10	11
AVERAG E	3	2.2	2.6	2	3	2	2.6	2.6	3	2	2.1

3 – Strong, 2- Medium, 1- Low

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THIRD YEAR – SEMESTER - V

DISCIPLINE SPECIFIC ELECTIVE: INDIRECT TAXATION

(Common to BCom-AF, BM, MM & Co-op.)

Subject Code	L	T	P	S	Credits	Inst. Hours	Marks		
							CIA	External	Total
346E5B	4				3	4	25	75	100
Learning Objectives									
LO1	To get introduced to indirect taxes								
LO2	To have an overview of Indirect taxes								
LO3	To be familiar the CGST and IGST Act								
LO4	To learn procedures under GST								
LO5	To gain knowledge about Customs Duty.								
Prerequisite: Should have studied Commerce in XII Std									
Unit	Contents								No. of Hours
I	Introduction to Indirect Tax Concept and Features of Indirect Taxes - Difference between Direct and Indirect Taxes –Special Feature of Indirect Tax Levies – Contribution to Government Revenues – Role of Indirect Taxation – Merits and Demerits of Indirect Taxation – Reforms in Indirect Taxation – Introduction to Foreign Trade Policy (FTP) 2023								12
II	An Overview of Goods & Service Tax (GST) Introduction of Goods and Service Tax in India— Kelkar Committee - Constitutional Amendment - Goods and Service Tax: Concepts, Meaning, Significance, Features and Benefits - Important GST Common Portals – Taxes and Duties not Subsumed in GST – Rates of GST in India - Role of GSTN in Implementation of GST - Challenges in Implementation of GST.								12
III	CGST & IGST Act 2017 Supply – Meaning – Classification – Time of Supply – Valuation –Voluntary – Compulsory – Input Tax Credit – Eligibility – Reversal – Reverse charge Mechanism – E-Way Bill - Various Provisions Regarding E-way Bill in GST – IGST Act - Export and Import of Goods and Services– Inter State Vs Intra State Supply – Place of Supply.– Anti Profiteering Rules – Doctrine of Unjust Enrichment								12

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IV	Procedures under GST Registration under GST Law, Tax Invoice Credit and Debit Notes, Different GST Returns, Electronic Liability Ledger, Electronic Credit Ledger, Electronic Cash Ledger, Different Assessment under GST, Interest Penalty under GST, Mechanism of Tax Deducted at Source (TDS) and Tax Collected at Source (TCS), Audit under GST.	12
V	Customs Act 1962 Custom Duty: Concepts; Territorial Waters - High Seas - Levy of Customs Duty, Types of Custom Duties – Valuation - Baggage Rules & Exemptions.	12
TOTAL		60
Course Outcomes		
CO1	Acquaintance with Indirect tax laws	
CO2	Exposed to the overview of GST.	
CO3	Apply provisions of CGST and IGST	
CO4	Summarise procedures of GST	
CO5	Discuss aspects of Customs Duty in India	
Textbooks		
1	Vinod K Singhania, Indirect Taxes, Taxman's Publications, New Delhi.	
2	Dr. H.C. Mehrotra & Prof. V.P. Agarwal, Goods and Services Tax (GST), Sahitya Bhawan Publications, Agra.	
3	Rajat Mohan, Goods & Services Tax, Bharat Law Publications House, New Delhi.	
4	CA. Pushendra Sisodia, Indirect Tax Laws, Bharat Publications, New Delhi.	
Reference Books		
1	V.S. Datey, All About GST, Taxmann Publications, New Delhi.	
2	T.S. Reddy & Y. Hariprasad Reddy, Business Taxation, Margham Publications, Chennai.	
3	Study Material on GST - The Institute of Chartered Accountants of India / The Institute of Cost Accountants of India, Chennai.	
4	Guidance material on GST issued by CBIC, Government of India.	
NOTE: Latest Edition of Textbooks May be Used		
Web Resources		
1	https://iimskills.com/goods-and-services-tax/#:~:text=GST-%20an%20acronym%20for%20Goods%20and%20Services%20Tax-,etc.%2C%20to%20stand%20as%20a%20unified%20tax%20regime.	
2	https://tax2win.in/guide/gst-procedure	
3	https://www.cbic.gov.in/htdocs-cbec/customs/cs-act/cs-act-ch9	

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MAPPING WITH PROGRAMME OUTCOMES
AND PROGRAMME SPECIFIC OUTCOMES

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PSO 1	PSO 2	PSO 3
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
AVERAG E	3	2.2	2.6	2	2.6	2	2.6	2.6	3	2	2.4

3 – Strong, 2- Medium, 1- Low

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THIRD YEAR – SEMESTER - V

DISCIPLINE SPECIFIC ELECTIVE: HUMAN RESOURCE MANAGEMENT

(Common to BCom-AF & CS)

Subject Code	L	T	P	S	Credits	Inst. Hours	Marks		
							CIA	External	Total
346E5C	4				3	4	25	75	100
Learning Objectives									
C1	To explore to the aspects relating of Human resource management								
C2	To equip with the various processes of Recruitment and Selection								
C3	To be acquainted with Training methods and the concept of Performance Appraisal								
C4	To learn about Industrial Relations								
C5	To assimilate knowledge on employee welfare.								
Prerequisite: Should have studied Commerce in XII Std									
Unit	Contents								No. of Hours
I	Introduction to HRM Definition of HRM, Objectives – Importance – Nature- Scope, Role and Qualities of a HR Manager - Human Resource Planning - Meaning, Definition, Importance, Factors Affecting HRP, Process Involved in Human Resource Planning. Human Resource Information System (HRIS) - Job Analysis, Need for Job Analysis, Steps in Job Analysis, Job Description and Specification.								12
II	RECRUITMENT AND SELECTION Definition – Objectives – Factors affecting recruitment – internal and external source of recruitment – Selection Process – Curriculum Vitae –Test- types– Kinds of employment interview – Medical Screening – Appointment Order.								12
III	TRAINING AND DEVELOPMENT Induction – Training – Methods – Techniques – Identification of the training needs – Training and Development – Performance appraisal – Transfer – Promotion and termination of services – Career Development.								12

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IV	INDUSTRIAL RELATIONS Industrial Disputes and Settlements (Laws Excluded) – Settling Industrial Disputes in India – Arbitration – Adjudication – Settlement Labour Relation – Functions of Trade Unions – Forms of collective bargaining-Workers’ participation in management – Types and effectiveness.	12
V	EMPLOYEE WELFARE Employee Welfare: Meaning, Objectives, Philosophy, Scope, Limitations, Types of Employee Welfare, Statutory and Non-Statutory Welfare Measures, and Labour Welfare Theories- Social Security, Health, Retirement & Other Benefits- Remuneration – Components of remuneration – Incentives – Benefits	12
	TOTAL	60
CO	Course Outcomes	
CO1	Examine the role of HRM in the new age organisation and plan man power requirements and implement techniques of job design.	
CO2	Formulate action plans for employee Recruitment and Selection.	
CO3	Choose appropriate methods of Training	
CO4	Estimate, defend and handle legal compliance in HRM involving trade union disputes and employee retention.	
CO5	Formulate strategies for employee welfare.	
Textbooks		
1	Ashwathappa, Human Resource Management, Tata McGraw-Hill Education, Noida.	
2	Mamoria, C.B. and Gaonkar, S.V, Personnel Management, Himalaya Publishing House, Mumbai.	
3	Sunil Lalla and Neha Shukla, Human Resource Management, Nirali Prakashan Publishers, Pune.	
4	P.Subba Rao, Personnel and Human Resource Management, Himalaya Publishing House, Mumbai.	
5	Dr. K. Sundar & Dr. J. Srinivasan, Human Resource Management, Vijay Nicole Imprints Private Limited, Chennai	

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Reference Books	
1	L.M. Prasad, Human Resource Management, Sultan and Chand sons Publications, New Delhi.
2	DeCenzo, D.A. and Robbins, S.P Human Resource Management, Wiley, India.
3	Dr.K.Sundar and Dr.J Srinivasan, Human Resource Development, Margham Publications, Chennai.
4	Jane Weightman, Human Resource Management, VMP Publishers, Mumbai.
NOTE: Latest Edition of Textbooks May be Used	
Web Resources	
1	https://hr.university/shrm/strategic-human-resource-management/
2	https://www.investopedia.com/terms/c/collective-bargaining.asp
3	https://www.yourarticlelibrary.com/human-resource-management-2/employee-welfare/employee-welfare/99778

**MAPPING WITH PROGRAMME OUTCOMES
 AND PROGRAMME SPECIFIC OUTCOMES**

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PSO 1	PSO 2	PSO 3
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
AVERAG E	3	2.2	2.6	2	2.6	2	2.6	2.6	3	2	2.2

3 – Strong, 2- Medium, 1- Low

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THIRD YEAR – SEMESTER – VI

DISCIPLINE SPECIFIC ELECTIVE - ENTREPRENEURIAL DEVELOPMENT

(Common to BCom-MM, CA, ISM & Co-op.)

Subject Code	L	T	P	S	Credits	Inst. Hours	Marks		
							CIA	External	Total
346E6A	5				3	5	25	75	100
Learning Objectives									
LO1	To know the meaning and characteristics of entrepreneurship								
LO2	To identify the various business opportunities								
LO3	To understand the Process of setting up an enterprise								
LO4	To gain knowledge in the aspects of legal Compliance of setting up of an enterprise								
LO5	To develop an understanding of the role of MSME in economic growth								
Prerequisite: Should have studied Commerce in XII Std									
Unit	Contents								No. of Hours
I	Introduction to Entrepreneur Meaning of Entrepreneurship – Characteristics of Entrepreneurship – Types of Entrepreneurship – Self Employment – Difference between Entrepreneurship and Employment – Meaning of Entrepreneur – Traits – Classification – Functions – Entrepreneurial Scenario in India.								15
II	Design Thinking Idea Generation – Identification of Business Opportunities – Design Thinking Process – Creativity – Invention – Innovation – Differences – Value Addition – Concept and Types – Tools and Techniques of Generating an Idea – Turning Idea into Business Opportunity.								15
III	Setting up of an Enterprise Process of Setting Up an Enterprise – Forms of an Enterprise – Sole Proprietorship – Partnership – Limited Liability Partnership Firm – Joint Stock Company – One Man partnership – Choice of Form of an Enterprise – Feasibility Study – Marketing, Technical, Financial, Commercial and Economical.								15
IV	Business Model Canvas and Formulation of Project Report Introduction – Contents of Project Report – Project Description – Market Survey – Fund Requirement – Legal Compliance of setting Up of an Enterprise – Registration – Source of Funds – Modern Sources of Funds.								15

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V	MSME's and Support Institutions Government Schemes and Women Entrepreneurship – Importance of MSME for Economic Growth – MSME – Definition – Role of Government Organizations in Entrepreneurship Development – MSME DI – DIC – Khadi and Village Industries Commission – NSIC – NABARD, SICVI, SFC, SDC, EDII, EPCCB. Industrial Estates – Government Schemes – Prime Minister Employment Generation Programme – Women Entrepreneurship in India.	15
TOTAL		75
Course Outcomes		
CO1	Identify the various traits of an entrepreneur	
CO2	Turn ideas into business opportunities	
CO3	Do feasibility study before starting a project	
CO4	Identify the sources of funds for funding a project	
CO5	Develop an understanding about the Government schemes available for women entrepreneurs	
Textbooks		
1	Jayashree Suresh, (Reprint 2017) Entrepreneurial Development, Margham Publications. Chennai.	
2	Dr. C.B. Gupta & Dr. S.S. Khanka (Reprint 2014). Entrepreneurship And Small Business Management, Sultan Chand & Sons, New Delhi.	
3	Charantimath Poornima, (Reprint 2014.), Entrepreneurship development-Small, Pearson Education, India.	
4	RajShankar, (Reprint 2016), Entrepreneurship Theory and Practice, Vijay Nicole and Imprints Pvt. Ltd, Chennai.	
5	Vasant Desai, (Reprint 2017). Dynamics of Entrepreneurial Development & Management Twenty Fourth Edition. Himalaya Publishing House. Mumbai.	
Reference Books		
1	Anil kumar, Poornima, Principles of Entrepreneurial development, Newage publication, Chennai.	
2	Dr. A.K. Singh, Entrepreneurial development and management, Laxmi publications, Chennai.	
3	Dr. R.K. Singal, Entrepreneurial development and management, S.K. Kataria publishers, New Delhi.	
4	Dr. M.C. Garg, Entrepreneurial Development, New Delhi.	
5	E. Gordon, K. Natrajan, Entrepreneurial development, Himalaya publishing, Mumbai.	
NOTE: Latest Edition of Textbooks May be Used		

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Web Resources	
1	https://www.interaction-design.org/literature/topics/design-thinking
2	https://www.bms.co.in/steps-involved-in-setting-up-of-an-enterprise/
3	http://www.msme.gov.in/

**MAPPING WITH PROGRAMME OUTCOMES
 AND PROGRAMME SPECIFIC OUTCOMES**

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PSO 1	PSO 2	PSO 3
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
AVERAG E	3	2.2	2.6	2	2.6	2	2.6	2.6	3	2	2.4

3 – Strong, 2- Medium, 1- Low

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THIRD YEAR – SEMESTER – VI

DISCIPLINE SPECIFIC ELECTIVE: COMPUTER APPLICATION IN BUSINESS

(Common to BCom-AF & BM)

Subject Code	L	T	P	S	Credits	Inst. Hours	Marks		
							CIA	External	Total
346E6B	1	2	2		3	5	40	60	100
Learning Objectives									
LO1	To apply various terminologies used in the operation of computer systems in a business environment.								
LO2	To Understand the basic concepts of a word processing package								
LO3	To apply the basic concepts of electronic spread sheet software in business.								
LO4	To Understand and apply the basic concepts of PowerPoint presentation.								
LO5	To generate electronic mail for communicating in an automated office for business environment.								
Prerequisites: Should have studied Commerce in XII Std									
Unit	Contents								No. of Hours
I	Word Processing Introduction to Word-Processing, Word-Processing Concepts, Use of Templates, and Working with Word Document: Editing Text, Find and Replace Text, Formatting, Spell Check, Autocorrect, Auto Text - Bullets and Numbering, Tabs, Paragraph Formatting, Indent, and Page Formatting, Header and Footer.								15
II	Mail Merge Tables - Inserting, Filling and Formatting a Table - Inserting Pictures and Video - Mail Merge Including Linking with Database - Printing Documents, Creating Business Documents.								15
III	Preparing Presentations Basics of Presentations: Slides, Fonts, Drawing, Editing, Inserting, Tables, Images, texts, Symbols. Media – Design – Transition – Animation - Slideshow. Creating Business Presentations.								15
IV	Spreadsheet and its Business Applications Spreadsheet: Concepts, Managing Worksheets - Formatting, Entering Data, Editing, and Printing a Worksheet - Handling Operators in Formula, Project Involving Multiple Spreadsheets, Organizing Charts and Graphs. Mathematical, Statistical, Financial, Logical, Date and Time, Lookup and Reference, Database, and Text Functions.								15

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V	Creating Business Spreadsheet Creating Spreadsheet in the Area of: Loan and Lease Statement, Ratio Analysis, Payroll Statements, Capital Budgeting, Depreciation Accounting, Graphical Representation of Data, Frequency Distribution and its Statistical Parameters, Correlation and Regression.	15
TOTAL		75
Theory 40% & Practical 60%		
Course Outcomes		
CO1	Recall various techniques of working in MS-WORD.	
CO2	Prepare appropriate business document.	
CO3	Create - Presentation for Seminars and Lecture.	
CO4	Understanding various tools used in MS-EXCEL.	
CO5	Apply Excel tools in various business areas of Finance, HR, Statistics.	
Textbooks		
1	R Parameswaran, Computer Application in Business - S. Chand Publishing, UP.	
2	Dr. Sandeep Srivastava, Er. Meera Goyal, Computer Applications In Business - SBPD Publications, UP.	
3	Mansi Bansal, Sushil Kumar Sharma, Computer Application In Business, Mumbai, Maharashtra.	
4	Peter Norton, "Introduction to Computers" –Tata McGraw-Hill, Noida.	
5	Renu Gupta : Computer Applications in Business, Shree Mahavir Book Depot (Publishers) New Delhi.	

Reference Books	
1	Gupta, Swati ,Office Automation System, Lap Lambert Academic Publication. USA.
2	Jennifer Ackerman Kettel, Guy Hat-Davis, Curt Simmons, "Microsoft 2003", Tata McGraw Hill, Noida.
3	Dr.R. Deepalakshmi, Computer Fundamentals and Office Automation, Charulatha Publications, Tamilnadu.
4	John Walkenbach ,MS Excel 2007 Bible, Wiley Publication, New Jersey, USA.
5	Glyn Davis & Branko Pecar : Business Statistics using Excel, Oxford publications, Chennai.
NOTE: Latest Edition of Textbooks May be Used	

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Web Resources	
1	https://www.youtube.com/watch?v=Nv_Nnw01FaU
2	https://www.udemy.com/course/office-automation-certificate-course/
3	https://guides.lib.umich.edu/ld.php?content_id=11412285

**MAPPING WITH PROGRAMME OUTCOMES
 AND PROGRAMME SPECIFIC OUTCOMES**

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PSO 1	PSO 2	PSO 3
CO1	3	2	3	2	3	2	3	2	3	2	2
CO2	3	2	3	2	2	2	2	2	3	2	3
CO3	3	3	3	2	3	2	3	2	3	2	2
CO4	3	2	3	2	2	2	2	2	3	2	2
CO5	3	3	3	2	3	2	3	2	3	2	3
TOTAL	15	12	15	10	13	10	13	10	15	10	12
AVERAG E	3	2.4	3	2	2.6	2	2.6	2	3	2	2.4

3 – Strong, 2- Medium, 1- Low

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THIRD YEAR – SEMESTER - VI

DISCIPLINE SPECIFIC ELECTIVE – 7 / 8: LOGISTICS AND SUPPLY CHAIN MANAGEMENT

(Common to BCom-MM)

Subject Code	L	T	P	S	Credits	Inst. Hours	Marks		
							CIA	External	Total
346E6C	5				3	5	25	75	100
Learning Objectives									
LO1	To understand the origin and principles of logistics management								
LO2	To know the types of inventory control								
LO3	To gain insight on the importance of supply chain management								
LO4	To identify the Key Enablers in Supply Chain Improvement								
LO5	To analyse the SCOR model								
Prerequisites: Should have studied Commerce in XII Std									
Unit	Contents								No. of Hours
I	Logistics Management Origin – Meaning –Importance - Types of Logistics – Principles of Logistics Management– Warehouse Management – Meaning – Definition – Importance – Types of WM - Automation and Outsourcing – Customer Service and Logistics Management– Perspective– Concepts in Logistics and Physical Distribution– Distribution and Inventory.								15
II	Transportation and Distribution Types of Inventory Control– Demand Forecasting– Routing– Transportation Management– Some Commercial Aspects in Distribution Management– Codification– Distribution Channel Management – Distribution Resource Planning (DRP) – Logistics in 21 st Century.								15
III	Supply Chain Management Introduction and Development – Nature and Concept– Importance of Supply Chain – Value Chain – Components of Supply Chain – The Need for Supply Chain – Understanding the Supply Chain – Management – Participants in Supply Chain – Global Applications.								15
IV	Supply Chain Drivers Role of a Manager in Supply Chain - Supply Chain Performance Drivers – Key Enablers in Supply Chain Improvement – Inter Relation between Enablers and Levels of Supply Chain Improvement – Systems and Values of Supply Chain.								15

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V	Aligning the Supply Chain with Business Strategy SCOR Model – Outsourcing 3 PLs– Fourth Party Logistics – Bull Whip Effect and Supply Chain – Supply Chain Relationships – Conflict Resolution Strategies – Certifications.	15
	TOTAL	75
Course Outcomes		
CO1	Examine the importance of Customer Service in Logistics Management	
CO2	Develop an understanding on the Distribution Channel Management	
CO3	Interpret the Global applications of supply chain management	
CO4	Understand the Inter Relation between Enablers and Levels of Supply Chain Improvement	
CO5	Identify the conflict resolution strategies	
Textbooks		
1	G. Raghuram& N. Rangaraj : Logistics and Supply Chain Management, Macmillan Publications, India.	
2	Martin Christopher: Logistics of Supply Chain Management: Creating Value adding Networks –FT Press, New Jersey, USA.	
3	D.K. Agrawal: Textbooks of Logistics and Supply Chain Management, MacMillan Publications, India.	
4	Tan Miller (Author), Matthew J. Liberatore Logistics Management: An Analytics-Based Approach, Business expert, New Jersey, USA.	
5	Peter Bolstorff Supply Chain Excellence: A Handbook for Dramatic Improvement Using the SCOR Model, Amazon publishing, Washington, USA.	
Reference Books		
1	Waters Donald, Logistics: Introduction to Supply Chain Management, Palgrave Macmillan Publications, India.	
2	Christopher Martin, Logistics and Supply Chain Management: Creating Value– Adding Networks, FT Press, New Jersey, USA.	
3	Dalmina Sanjay, Financial Supply Chain Management, McGraw Hill Publishing Co. Pvt., Ltd, Noida.	
4	Robert F. Jacobs, William L. Berry Manufacturing Planning and Control for Supply Chain Management: The CPIM Reference, 2nd Edition, McGraw Hill, Noida.	
5	Douglas Long International Logistics: Global Supply Chain Management, Springer Publications, New York.	
NOTE: Latest Edition of Textbooks May be Used		

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Web Resources	
1	https://lapaas.com/logistics-management-overview-types-and-process/
2	https://www.investopedia.com/terms/s/scm.asp
3	https://scm.ncsu.edu/scm-articles/article/the-scor-model-for-supply-chain-strategic-decisions

**MAPPING WITH PROGRAMME OUTCOMES
 AND PROGRAMME SPECIFIC OUTCOMES**

	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

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THIRD YEAR – SEMESTER - VI

DISCIPLINE SPECIFIC ELECTIVE: BASICS OF MS EXCEL

(Common to BCom-AF & BM)

Subject Code	L	T	P	S	Credits	Inst. Hours	Marks		
							CIA	External	Total
346E6D	1	2	2		3	5	40	60	100
Learning Objectives									
LO1	To introduce students to Excel as an important tool in business applications								
LO2	To familiarize them with the features and functions of a spread sheet.								
LO3	To understand the concepts of accounting, reporting and analysis using spread sheet.								
LO4	To Construct formulas, including the use of built-in functions, and relative and absolute reference								
LO5	To develop various applications using MS-Excel.								
Prerequisites: Should have studied Commerce in XII Std									
Unit	Contents								No. of Hours
I	Introduction Spreadsheets - Workbook - Cell Referencing, Cell Addressing, File Menu; Home Menu, Conditional Formatting, Formatting as a Table, Cell Styles, AutoSum, Sort and Filter; Insert Menu, Inserting Tables and Pivot Tables, Smart Arts, Charts; Page Layout, Review and View Menus; Converting Text to Columns, Removing Duplicates, Data Validation, Grouping and Ungrouping.								15
II	Financial, Logical and Text Functions Depreciation (DB, DDB, VDB), Simple Interest (PMT, NPER, INTRATE) - Present Value, Net Present Value, Future Value (PV, NPV, FV) - Internal Rate of Return (IRR, MIRR); Logical Functions: AND, OR, NOT, IF, TRUE; Text Functions: UPPER, LOWER, LEFT, RIGHT, TRIM, T, TEXT, LEN, DOLLAR, EXACT; Practical Exercises Based on Financial, Logical and Text Functions.								15
III	Statistical Analysis Functions Statistical Functions: Mean, Median, Mode, Standard Deviation, Correlation, Skewness, F Test, Z Test, and Chi-Square Analysis.								15
IV	Reference Date & Time Functions: Date, Date Value, Day, Days 360, Now, Time, Time Value, Workday, Weekday, Year. Lookup and Reference Functions: Hlookup, Vlookup, Transpose, Getpivot Data, Hyperlink - Practical Exercises Based on Statistical, Date & Time, Lookup and Reference Functions.								15

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V	Projects and Applications Ratio Analysis, Cash Flow Statement, Payroll Processing, Marketing, Sales and Advertising Data Analytics, Social Media Marketing Analysis, Basic Applications with Macros and VBAs; Trending Business Applications Using MS Excel.	15
TOTAL		75
Theory 40% & Practical 60%		
Course Outcomes		
CO1	Develop And Apply Fundamental Spread Sheet Skills.	
CO2	Understanding Various Tools Used In Ms-Excel.	
CO3	Knowledge On Various Statistical Tests in Ms-Excel.	
CO4	Demonstrate Proficiency in Using Complex Spread Sheet Tools Such as Formulas and Functions.	
CO5	Develop Trending Application Using MS-Excel	
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.	
4	Greg Harvey, Excel 2016 for Dummies, Chennai.	
Reference Books		
1	Glyn Davis & Branko Pecar : Business Statistics using Excel, Oxford publications, Chennai.	
2	Google Sheets Basics: Masato Takeda and others; TekuruInc, India.	
3	Harjit Suman, Excel Bible for Beginners, Kindle Editio, Chennai.	
4	Jennifer Ackerman Kettel, Guy Hat-Davis, Curt Simmons, "Microsoft 2003", Tata McGraw Hill, Noida.	
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	

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**MAPPING WITH PROGRAMME OUTCOMES
 AND PROGRAMME SPECIFIC OUTCOMES**

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PSO 1	PSO 2	PSO 3
CO1	3	2	3	3	3	2	3	3	3	2	2
CO2	3	2	3	3	2	2	2	2	3	2	3
CO3	3	3	3	3	3	2	3	3	3	2	2
CO4	3	2	3	3	2	2	2	2	3	2	2
CO5	3	3	3	3	3	2	3	3	3	2	3
TOTAL	15	12	15	15	13	10	13	13	15	10	12
AVERAG E	3	2.4	3	3	2.6	2	2.6	2.6	3	2	2.4

3 – Strong, 2- Medium, 1- Low

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FIRST YEAR – SEMESTER – I
FOUNDATION COURSE – PROFESSIONAL ETHICS

(Common to BCom-AF, BM, CA, MM & ISM)

Subject Code	L	T	P	S	Credits	Inst. Hours	Marks		
							CIA	External	Total
146B1A	2				2	2	40	60	100
Unit	Contents								No. of Hrs.
I	Concept and Theories of Business Ethics: Definition of Ethics – Personal Ethics and Business Ethics – Morality and Law – How are moral standards are formed? - Religion and Morality – Morality, Etiquette and - Professional Codes – Indian Ethical Traditions.								6
II	Business Ethics: Principles of Personal Ethics – Principles of Professional Ethics – Evaluation of Ethics over the Years – Honesty, Integrity and Transparency – Distinction between Values and Ethics – Roots of Unethical Behaviour – Ethical Decision-making.								6
III	Ethical Dilemmas, Sources and their Resolutions: What is an Ethical Dilemma? – Sources of Ethical Behaviour – Code of Personal Ethics for Employees – How to resolve an Ethical problem? – How to resolve Ethical Dilemmas?								6
IV	Ethical Decision-making in Business: Ethical Models that guide Decision-making – Which approach to use? – Ethical Decision-making with cross-holder Conflicts and Competition – Applying Moral Philosophy to Ethical Decision-making – Kohlberg’s Model of Cognitive Moral Development – Influences on Ethical Decision-making – Personal values and Ethical Decision-making.								6
V	Human Values for Indian Managers: Lessons from Ancient Indian Education System – The Law of Karma – Quality of Work Life – Ethics of Vivekananda, Gandihiji, Aurobindo and Tagore.								6
Total								30	
Textbooks									
1	Tom L. Beauchamp and Norman E. Bowie, “Ethical Theory and Business”, Prentice Hall, New Jersey								
2	Manual Vela Squez, “Business Ethics Concepts and Cases”, Prentice Hall, New Jersey								
3	Kenneth Blanchard and Norman Vincent Peale, “The Power of Ethical Management”, New York, William Morrow & Co								
4	Dr.S.S.Khanka, “Business Ethics and Corporate Governance”,S Chand and Company Ltd,NewDelhi.								
5	R.S.Naagarazan, “A Textbook on Professional Ethics and Human Values”, New Age International(P) Limited.								
6	A.C.Fernando, “Business Ethics and Corporate Governance”, Pearson.								
7	A.C.Fernando,K.P.Muraleedharan, E.K.Satheesh, “Business Ethics - An Indian Perspective”,Pearson India Education Service Pvt Ltd.								

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FIRST YEAR – SEMESTER – I
SEC – 1 MS OFFICE FOR COMMERCE (Practical)

(Common to BCom-AF, BM, CA, MM & ISM)

Subject Code	L	T	P	S	Credits	Inst. Hours	Marks		
							CIA	External	Total
146S1A			2		2	2	40	60	100
Unit	Contents								No. of Hours
I	Introduction to MS Word & Commonly used features Introduction to Word processing -Word processor / Editor - File Extension - DOCx, DOTx - Application / Document area Title Bar, Menu Bar, Ribbon, Icons, Status Bar, Scroll Bar - Page Layout - Page Size (Letter / A4) - Orientation (Landscape / Portrait) - Margin (Top, Left, Bottom, Right) -Navigation(Arrow keys, Ctrl + Arrow keys, Home, End, Page UP/ Page Down) - Selection - Using Shift + Navigation Fonts / Superscript / Subscript - Show / Hide - Displays non printing characters (Space / TAB / Enter) - Change Case - Bullets / Numbering - Format Painter – Clipboard - Find / Replace Screen shot - Prnt SCR / Alt + PrntScr – Indent - Line and Para spacing - Tab Stop - Text to Table - Table to Text								6
II	Insert Tab & Mail Merge Insert Tab - Picture (Styles, Border, Effects, Warp Text, Align, Rotate, Flip, Crop) - Water Mark - Shapes (Group, Ungroup, Bring to Front, Send to Back, Format shape) – Hyperlink – Bookmark - Text Box - Word Art Tables - Rows , Columns, Cell - Merge Cell - Split Cell TOC - Update entire - Header / Footer - Cover Page - Break - Section Break - Spell Check - ABC / F7 - Word Count Working with Mail Merge								6
III	Introduction to MS Powerpoint Creating Presentation - File Extension - PPTx, PPSx - Slides and Layouts, Apply Background - Title Bar, Menu Bar, Ribbon, Icons, Status Bar, Scroll Bar - View - Slide Master Insert Logo - to display in all slides - Change Text color - to maintain consistency in all slides Slideshow - F5 / Shift F5 New Slide - Ctrl + M Animation Effects - Apply in objects within the Slide Transition Effect - Apply between slides Rehearse Timing - Set timing to each slide Loop until ESC - After reaching LAST slide, display again from 1st slide. SaveAs - PPSx - PowerPoint Show SlideShow - Use Pen / Highlighter Paste the Chart from Excel - Data linked to Excel source Insert Chart within PowerPoint - Data linked internally								6

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IV	<p>Introduction to MS Excel & Using Formulas</p> <p>Working with Excel Opening a Workbook - Understanding the Display Screen Working with the Ribbon - Exploring the File Tab - Working with the Quick Access Toolbar - Working with the Status Bar- Switching Between Opened Workbooks Entering Data - Moving the Cell Pointer - Selecting a Range of Cells - Creating a New Workbook - Inserting, Renaming, and Deleting Worksheets - Entering Constant Values - Using Auto Fill to Enter Data - Saving a Workbook - Editing Cell Contents Clearing Cell Contents - Insert / Edit Comments - Working with Undo and Redo - Closing a Workbook Using Formulas Entering Formulas with Addressing Methods (Relative / Mixed / Absolute) - Using Auto Fill with Formulas - Using the Sum, Average, Max, Min, Count Functions - Using IF and NestedIf Function - Using Text Functions (Len, Trim, Left, Right, Mid, Find, Replace, Upper, Lower, Proper) - Using Date Functions (Today, Now, Day, Month, Year) - Using Lookup Functions (Vlookup, Hlookup) - Using Formula Error Checking - Cutting / Copying and Pasting Constant Values and Formulas - Copy / Pasting using Transpose option - Using Format Painter</p>	6
V	<p>Working on multiple Worksheets & Working with huge Datasets</p> <p>Formatting Worksheets - Formatting Numbers - Changing the Font Format - Aligning Cell Contents - Merging Cells Adding Borders - Applying Cell Styles - Modifying Columns and Rows - Changing Column Width - Changing Row Height Inserting and Deleting Columns or Rows - Hiding Columns or Rows - Editing Workbooks - Working with AutoCorrect Checking Spelling - Using Find and Replace - Using Hyperlinks (Internal / External) Working with huge Dataset Using multilevel Sort - Using Filters - Fetching Unique Records Finding Duplicates - Applying Conditional Formatting Rules Applying Freeze Panes - Using Pivot Table (Layout & Format) Working with Charts Pie / Bar / Column / Line Charts - Titles / Legends / Data labels Copy / Pasting in Word / PowerPoint Printing Worksheets Using Print Preview - Working with Print Settings - Using Page Setup Tools - Working in Page Layout View - Creating a Header and Footer - Using Page Break Preview - Printing a Worksheet Exiting Excel</p>	6
Total		30

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Reference Books	
1	Hart-Davis, G., Kettell, J. A., Simmons, C. (2003). Microsoft Office 2003: The Complete Reference. United Kingdom: McGraw-Hill/Osborne.
2	Lambert, J., Frye, C. (2018). Microsoft Office 2019 Step by Step. United States: Pearson Education.
3	Lambert, J., Cox, J. (2007). Microsoft Office Word 2007 Step by Step. United States: Microsoft Press.
4	Richardson, T., Held, B., Moriarty, B. (2019). Microsoft Excel Functions and Formulas with Excel 2019/Office 365. United States: Mercury Learning and Information
5	Lalwani, L. (2019). Excel 2019 All-in-One: Master the New Features of Excel 2019 / Office 365. India: BPB Publications.
6	Weverka, P. (2010). PowerPoint 2010 All-in-One For Dummies. Germany: Wiley.
Web Resources	
1	Ms Word tutorial: https://youtu.be/S-nHYzK-BVg
2	Ms PowerPoint: https://youtu.be/XF34-Wu6qWU
3	Mail Merge material: https://support.microsoft.com/en-us/office/use-mail-merge-for-bulk-email-letters-labels-and-envelopes-f488ed5b-b849-4c11-9cff-932c49474705
4	Ms Excel functions: https://youtu.be/ShBTJrdioLo
5	Materials : https://support.microsoft.com/en-us/training

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FIRST YEAR – SEMESTER – II

SEC – 2 ACCOUNTING USING EXCEL – PRACTICAL

(Common to BCom-AF, BM & MM)

Subject Code	L	T	P	S	Credits	Inst. Hours	Marks		
							CIA	External	Total
146S2A			2		2	2	40	60	100
Unit	Contents								No. of Hours
I	Using Financial Functions (Part 1) ACCRINT function - Returns the accrued interest for a security that pays periodic interest ACCRINTM function - Returns the accrued interest for a security that pays interest at maturity AMORDEGRC function - Returns the depreciation for each accounting period by using a depreciation coefficient AMORLINC function - Returns the depreciation for each accounting period COUPDAYBS function - Returns the number of days from the beginning of the coupon period to the settlement date COUPDAYS function - Returns the number of days in the coupon period that contains the settlement date COUPDAYSNC function - Returns the number of days from the settlement date to the next coupon date COUPNCD function - Returns the next coupon date after the settlement date COUPNUM function - Returns the number of coupons payable between the settlement date and maturity date COUPPCD function - Returns the previous coupon date before the settlement date CUMIPMT function - Returns the cumulative interest paid between two periods CUMPRINC function - Returns the cumulative principal paid on a loan between two periods								6

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II	<p>Using Financial Functions (Part 2)</p> <p>DB function - Returns the depreciation of an asset for a specified period by using the fixed-declining balance method</p> <p>DDB function - Returns the depreciation of an asset for a specified period by using the double-declining balance method or some other method that you specify</p> <p>DISC function - Returns the discount rate for a security</p> <p>DOLLARDE function - Converts a dollar price, expressed as a fraction, into a dollar price, expressed as a decimal number</p> <p>DOLLARFR function - Converts a dollar price, expressed as a decimal number, into a dollar price, expressed as a fraction</p> <p>DURATION function - Returns the annual duration of a security with periodic interest payments</p> <p>EFFECT function - Returns the effective annual interest rate</p> <p>FV function - Returns the future value of an investment</p> <p>FVSCHEDULE function - Returns the future value of an initial principal after applying a series of compound interest rates</p>	6
III	<p>Using Financial Functions (Part 3)</p> <p>INTRATE function - Returns the interest rate for a fully invested security</p> <p>IPMT function - Returns the interest payment for an investment for a given period</p> <p>IRR function - Returns the internal rate of return for a series of cash flows</p> <p>ISPMT function - Calculates the interest paid during a specific period of an investment</p> <p>MDURATION function - Returns the Macauley modified duration for a security with an assumed par value of \$100</p> <p>MIRR function - Returns the internal rate of return where positive and negative cash flows are financed at different rates</p> <p>NOMINAL function - Returns the annual nominal interest rate</p> <p>NPER function - Returns the number of periods for an investment</p> <p>NPV function - Returns the net present value of an investment based on a series of periodic cash flows and a discount rate</p> <p>ODDFPRICE function - Returns the price per \$100 face value of a security with an odd first period</p> <p>ODDFYIELD function - Returns the yield of a security with an odd first period</p> <p>ODDLPRICE function - Returns the price per \$100 face value of a security with an odd last period</p> <p>ODDLYIELD function - Returns the yield of a security with an odd last period</p>	6

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IV	<p>Using Financial Functions (Part 4) PDURATION function (Excel 2013) - Returns the number of periods required by an investment to reach a specified value PMT function - Returns the periodic payment for an annuity PPMT function - Returns the payment on the principal for an investment for a given period PRICE function - Returns the price per \$100 face value of a security that pays periodic interest PRICEDISC function - Returns the price per \$100 face value of a discounted security PRICEMAT function - Returns the price per \$100 face value of a security that pays interest at maturity PV function - Returns the present value of an investment RATE function - Returns the interest rate per period of an annuity RECEIVED function - Returns the amount received at maturity for a fully invested security RRI function (Excel 2013) - Returns an equivalent interest rate for the growth of an investment</p>	6
V	<p>Using Financial Functions (Part 5) SLN function - Returns the straight-line depreciation of an asset for one period SYD function - Returns the sum-of-years' digits depreciation of an asset for a specified period TBILLEQ function - Returns the bond-equivalent yield for a Treasury bill TBILLPRICE function - Returns the price per \$100 face value for a Treasury bill TBILLYIELD function - Returns the yield for a Treasury bill VDB function - Returns the depreciation of an asset for a specified or partial period by using a declining balance method XIRR function - Returns the internal rate of return for a schedule of cash flows that is not necessarily periodic XNPV function - Returns the net present value for a schedule of cash flows that is not necessarily periodic YIELD function - Returns the yield on a security that pays periodic interest YIELDDISC function - Returns the annual yield for a discounted security; for example, a Treasury bill YIELDMAT function - Returns the annual yield of a security that pays interest at maturity</p>	6
	Total	30

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Reference Books	
1	Conrad Carlberg(2011), "Excel for Accountants", Second Edition, CPA911 PUBLISHING.
2	George J. Wright(2023), "EXCEL 2023: The Beginners Guide to Master".
3	L. Murphy Smith, Lawrence C. Smith, and Katherine T. Smith. 2002. "Microsoft Excel for Accounting: Managerial and Cost (1st. ed.)". Prentice Hall Professional Technical Reference.
Web Links	
1. https://www.youtube.com/watch?v=kNaxTNSAtLk 2. https://www.youtube.com/watch?v=RsDFonVtKGM Tutorials : 1. https://www.computertutoring.co.uk/excel-tutorials/accounts-excel/ 2. Udemy : https://www.udemy.com/course/financial-accounting-in-excel-new-business/	

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SECOND YEAR – SEMESTER – III

SEC – 5 Website Designing

Subject Code	L	T	P	S	Credits	Inst. Hours	Marks		
							CIA	External	Total
246S3B			2		2	2	40	60	100
Unit	Contents								No. of Hours
I	Unit 1 Introduction to Web technologies How does the Website work -Types of Websites -Static & Dynamic websites								6
II	Unit 2 Basic tools of Web design Creating account - profiling - Create home page - Add pages, transitions, navigation, design, Template creation and Icons - Social media - Mapping - Tag video, Image, tables - text -inputs - image sliders - Icon integration - Forms								6
III	Unit 3 Domain and hosting Payment terms for website and publishing - Add to Cart - Payment terms for customers - post maintenance - Domain Purchase - Types of Domains - Types of Hosting								6
IV	Unit 4 Strategies to branding SEO Search engine Optimisation - Professionalise your site - Optimise for Mobile - Demonstration								6
V	Unit 5 Website project and proposal Data collection - Marketing - Communication								6
Total								30	
Text Books									
1	Web Design And Development: Concepts, Methodologies, Tools, And Applications By Information Resources Management Association								
2	WEB DESIGN TOOL: Get the skill you need to become a full front-end web developer by RAPHEL EZEKIEL								
Reference Books									
1	Branding and Website Essentials for Entrepreneurs (Instant Insights) by Melody Hunter								
2	Magento 2 Beginners Guide: Creating a successful e-commerce website with Magento by Gabriel Guarino								
3	Web Design Tools and Techniques by Peter Kentie								

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THIRD YEAR – SEMESTER - VI

PROFESSIONAL COMPETENCY SKILL

GENERAL AWARENESS FOR COMPETITIVE EXAMINATION

Subject Code	L	T	P	S	Credits	Inst. Hours	Marks		
							CIA	External	Total
346S6A	2				2	2	25	75	100
Learning Objectives									
LO1	To create the opportunity for learning across different disciplines and builds experience for students as they grow into lifelong learners.								
LO2	To build experiences for students as they grow into lifelong learners.								
LO3	To know the basic concepts of various discipline								
Prerequisites: Should have studied Commerce in XII Std									
UNIT	Details								No. of Hours
I	Indian Polity Basics concepts- Three organs of Indian government (Executives, Legislature, Judiciary), Introduction to Indian Constitution – Salient features of constitution, Preamble, Fundamental rights, Fundamental duties, Directive Principles of State policy, Types of Majority, Amendments to the Constitution, Basic structure Doctrine, Division of subjects between the union and the states local Governance, Elections in India and Election Commission, CAG.								6
II	Geography Major oceans of the world –Important Canals – Gulfs – Straits and passes – Indian Rivers and its Tributaries – Climatology – Atmosphere, Wind systems, Clouds systems, World climatic classification – Indian climate – Indian Monsoon – Indian’s physical features, Indian Soil types and Distribution – Importance Trade routes and projects, Indian natural vegetation – Indian agriculture- Major crops and its distribution, Indian Industries and its Distribution.								6
III	Economy National Income – Inflation – Money and Banking - Agriculture in India – Union Budget – Planning in India – Poverty – Unemployment – Inclusive Development and Development issues – Industrial polices – Financial Markets.								6
IV	History Modern India – formation of Indian National Congress – Morley Minto Reforms, Revolutionary activities – World War I and India’s Response – Home Rule league – Montague Chelmsford reforms – Rowlett Act – Non –Cooperation Movement – Simon commission and Nehru Report – Civil Disobedience Movement and Round Table conferences – Quit India Movement and Demand for Pakistan – Cabinet Mission – Formation of Constituents Assembly and partition of India.								6

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V	Environment and Ecology Basic concepts – Ecology, Biodiversity- Food chain and food web – Bio Geo Chemical Cycles – International Bio Diversity organisations- International Conventions – Conferences and Protocol – Indian Environmental laws and Environment Related organisation	6
	TOTAL	30
Course Outcomes		
CO1	Develop board knowledge of the different components in polity	
CO2	Understand the Geographical features across countries and in India	
CO3	Acquire knowledge on the aspects of Indian Economy	
CO4	Understand the significance of India’s Freedom Struggle	
CO5	Gain knowledge on Ecology and Environment	
Textbooks		
1	Class XI and XII NCERT Geography	
2	History – Old NCERT’S Class XI and XII	
Reference Books		
1	M. Laxmi Kant (2019), Indian polity, McGraw- Hill	
2	Ramesh Singh (2022), Indian Economy, McGraw - Hill	
3	G.C Leong, Physical and Human Geography, Oxford University Press	
4	Majid Hussain- India Map Entries in Geography, GK Publications Pvt, Ltd.	
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	



UNIVERSITY OF MADRAS
U.G. DEGREE COURSE

PART – IV - VALUE EDUCATION

Common for all U.G. & Five Year Integrated Courses
(Effective from the Academic Year 2012 – 2013)

SYLLABUS

CREDITS: 2

III YEAR / V SEM

Objective: Value are socially accepted norms to evaluate objects, persons and situations that form part and parcel of sociality. A value system is a set of consistent values and measures. Knowledge of the values are inculcated through education. It contributes in forming true human being, who are able to face life and make it meaningful. There are different kinds of values like, ethical or moral values, doctrinal or ideological values, social values and aesthetic values. Values can be defined as broad preferences concerning appropriate courses of action or outcomes. As such, values reflect a person's sense of right and wrong or what "ought" to be. There are representative values like, "Equal rights for all", "Excellence deserves admiration". "People should be treated with respect and dignity". Values tend to influence attitudes and behavior and help to solve common human problems. Values are related to the norms of a culture.

UNIT I: Value education-its purpose and significance in the present world – Value system – The role of culture and civilization – Holistic living – balancing the outer and inner – Body, Mind and Intellectual level – Duties and responsibilities.

UNIT II: Salient values for life – Truth, commitment, honesty and integrity, forgiveness and love, empathy and ability to sacrifice, care, unity, and inclusiveness, Self esteem and self confidence, punctuality – Time, task and resource management – Problem solving and decision making skills – Interpersonal and Intra personal relationship – Team work – Positive and creative thinking.

UNIT III: Human Rights – Universal Declaration of Human Rights – Human Rights violations – National Integration – Peace and non-violence – Dr.A P J Kalam's ten points for enlightened citizenship – Social Values and Welfare of the citizen – The role of media in value building.

UNIT IV: Environment and Ecological balance – interdependence of all beings – living and non-living. The binding of man and nature – Environment conservation and enrichment.

UNIT V: Social Evils – Corruption, Cyber crime, Terrorism – Alcoholism, Drug addiction – Dowry – Domestic violence – untouchability – female infanticide – atrocities against women – How to tackle them.

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U.G. DEGREE COURSE

Books for Reference :

1. M.G. Chitakra: Education and Human Values, A.P.H. Publishing Corporation, New Delhi, 2003.
2. Chakravarthy, S.K: Values and ethics for Organizations: Theory and Practice, Oxford University Press, New Delhi, 1999.
3. Satchidananda, M.K: Ethics, Education, Indian Unity and Culture, Ajantha Publications, Delhi, 1991.
4. Das, M.S. & Gupta, V.K.: Social Values among Young adults: A changing Scenario, M.D. Publications, New Delhi, 1995.
5. Bandiste, D.D.: Humanist Values: A Source Book, B.R. Publishing Corporation, Delhi, 1999.
6. Ruhela, S.P.: Human Values and education, Sterling Publications, New Delhi, 1986.
7. Kaul, G.N.: Values and Education in Independent Indian, Associated Publishers, Mumbai, 1975.
8. NCERT, Education in Values, New Delhi, 1992.
9. Swami Budhananda (1983) How to Build Character A Primer : Rmakrishna Mission, New Delhi.
10. A Culture Heritage of India (4 Vols.), Bharatiya Vidya Bhuvan, Bombay, (Selected Chapters only)
11. For Life, For the future : Reserves and Remains – UNESCO Publication.
12. Values, A Vedanta Kesari Presentation, Sri Ramakrishna Math, Chennai, 1996.
13. Swami Vivekananda, Youth and Modern India, Ramakrishna Mission, Chennai.
14. Swami Vivekananda, Call to the Youth for Nation Building, Advaita Ashrama, Calcutta.
15. Awakening Indians to India, Chinmayananda Mission, 2003.

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ENVIRONMENTAL STUDIES PROGRAMME
ABILITY ENHANCEMENT COMPULSORY COURSES
(AECC- Environmental Studies)

Syllabus with effect from the academic year 2018-2019
(i.e. for batch of candidates admitted to the course from the academic year 2017-18)

Credits: 2

II Year / III/IV Sem.

Unit 1: Introduction to Environmental Studies

- Multidisciplinary nature of environmental studies;
- Scope and importance; concept of sustainability and sustainable development.

Unit 2 : Ecosystem (2 lectures)

- What is an ecosystem? Structure and function of ecosystem; Energy flow in an ecosystem:
Food chains, food webs and ecological succession, Case studies of the following ecosystem:
 - a) Forest ecosystem
 - b) Grassland ecosystem
 - c) Desert ecosystem
 - d) Aquatic ecosystem (ponds, stream, lakes, rivers, ocean, estuaries)

Unit 3: Natural Resources : Renewable and Non – renewable Resources (6 lectures)

- Land resources and land use change: Land degradation, soil erosion and desertification.
- Deforestation : Causes and impacts due to mining, dam building on environment, forests, biodiversity and tribal populations.
- Water : Use and over –exploitation of surface and ground water, floods, droughts, conflicts over water (international and inter-state).
- Energy resources : Renewable and non renewable energy sources, use of alternate energy sources, growing energy needs, case studies.

Unit 4: Biodiversity and Conservation (8 lectures)

- Levels of biological diversity: genetics, species and ecosystem diversity, Biogeographic zones of India: Biodiversity patterns and global biodiversity hot spots
- India as a mega- biodiversity nation, Endangered and endemic species of India.
- Threats to biodiversity: Habitat loss, poaching of wildlife, man- wildlife conflicts, biological invasions; Conservations of biodiversity: In-situ and Ex-situ Conservation of biodiversity.
- Ecosystem and biodiversity services: Ecological, economic, social, ethical, aesthetic and Informational value.

Unit 5: Environmental Pollution (8 lectures)

- Environmental pollution: types, causes, effects and controls: Air, Water, soil and noise Pollution.
- Nuclear hazards and human health risks
- Solid waste management: Control measures of urban and industrial waste
- Pollution case studies.

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Unit 6: Environmental Policies & Practices (8 lecturers)

- Climate change, global warming, ozone layer depletion, acid rain and impacts on human communities and agriculture
- Environment Laws: Environment Protection Act, Air (Prevention & Control of Pollution) Act; Water (Prevention and Control of Pollution) Act; Wildlife Protection Act; Forest Conservation Act. International agreements: Montreal and Kyoto protocols and Convention on Biological Diversity (CBD).
- Nature reserves, tribal populations and rights, and human Wildlife conflicts in Indian context.

Unit 7: Human Communities and the Environment (7 lectures)

- Human population growth, impacts on environment, human health and welfare.
- Resettlement and rehabilitation of projects affected persons; case studies.
- Disaster management: floods, earthquake, cyclone and landslides.
- Environmental movements : Chipko, Silent Valley, Bishnois of Rajasthan.
- Environmental ethics : Role of Indian and other religions and cultures in environmental conservation.
- Environmental communication and public awareness, case studies(e.g. CNG Vehicles in Delhi)

Unit 8 : Field Work (6 lectures)

- Visit to an area to document environmental assets: river / forest/ flora/ fauna etc.
- Visit to a local polluted site – Urban / Rural/ Industrial/ Agricultural.
- Study of common plants, insects, birds and basic principles of identification.
- Study of simple ecosystem- pond, river, Delhi Ridge etc.

(Equal to 5 Lectures)

Suggested Readings:

1. Carson , R. 2002.Silent Spring, Houghton Mifflin Harcourt.
2. Gadgil , M.,& Guha, R. 1993.This Fissured Land: An Ecological History of India. Univ.of California Press.
3. Glesson, B. and Low, N.(eds.)1999. Global Ethics and Environment, London, Routledge.
4. Gleick,P.H.1993.Water Crisis. Pacific Institute for Studies in Dev.,Environment & Security. Stockholm Env.Institute, Oxford Univ.Press.
5. Groom, Martha J., Gary K.Meffe, and Carl Ronald Carroll. Principles of Conservation Biology. Sunderland: Sinauer Associates,2006.
6. Grumbine,R.Edward, and Pandit,M.K2013.Threats from India's Himalayas dams .Science,339:36-37
7. McCully,P.1996.Rivers no more :the environmental effects of dams(pp.29-64).Zed books.
8. McNeill,John R.2000.Something New Under the Sun: An Environmental History of the Twentieth Century.
9. Odum,E.P.,Odum, H.T.& Andrees,J.1971.Fundamental of Ecology. Philadelphia Saunders.
10. Pepper,I.L.,Gerba,C.P & Brusseau,M.L.2011.Environmental and Pollution Science. Academic Press.
11. Rao,M.N.& Datta,A.K1987.Waste Water Treatment. Oxford and IBH Publishing Co.Pvt.Ltd.
12. Raven,P.H.,Hassenzahl,D.M & Berg,L.R.2012 Environment.8th edition. John Willey & sons.

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13. Rosencranz, A., Divan,S.,& Noble, M.L.2001.Environmental law and policy in India. Tirupathi 1992.
14. Sengupta,R.2003.Ecology and Economics: An approach to sustainable development.OUP
15. Singh,J.S.,Singh,S.P and Gupta,S.R.2014.Ecology,Environmental Science and Conservation. S.Chand Publishing, New Delhi.
16. Sodhi,N.S.,Gibson,L.&Raven ,P.H(eds).2013.Conservation Biology :Voices from the Tropics. John Willey & Sons.
17. Thapar,V.1998.Land of the Tiger: A Natural History of the Indian Subcontinent.
18. Warren,C.E.1971.Biology and water Pollution Control. WB Saunders.
19. Willson,E.O.2006. The Creation: An appeal to save life on earth..New York: Norton.
20. World Commission on Environment and Development.1987.Our Common Future. Oxford University Press.
