



# University of Madras

## Chepauk, Chennai 600 005

[Est.1857, State University, NAAC 'A' Grade, CGPA 3.32, NIRF2019 Rank: 20]

website: [www.unom.ac.in](http://www.unom.ac.in), Tel.:044-25399561

### Undergraduate Programme in Commerce

Curriculum and Syllabus for

## **B.Com. (Information System and Management)**

(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.**

## **B.COM. - INFORMATION SYSTEMS AND MANAGEMENT**

### **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.

<b>LEARNING OUTCOMES – BASED CURRICULUM FRAMEWORK GUIDELINES BASED REGULATIONS FOR UNDER GRADUATE PROGRAMME</b>	
<b>Programme:</b>	<b>B.COM INFORMATION SYSTEMS AND MANAGEMENT</b>
<b>Programme Code:</b>	
<b>Duration:</b>	<b>3 Years (UG)</b>
<b>Programme Outcomes:</b>	<p><b>PO1: Disciplinary knowledge:</b> Capable of demonstrating comprehensive knowledge and understanding of one or more Disciplines that form a part of an Undergraduate Programme of Study</p> <p><b>PO2: Communication Skills:</b> 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.</p> <p><b>PO3: Critical Thinking:</b> 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.</p> <p><b>PO4: Problem Solving:</b> 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.</p> <p><b>PO5: Analytical Reasoning:</b> 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.</p>

	<p><b>PO6: Research- related skill:</b> 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.</p> <p><b>PO7: Co-operation/Team work:</b> 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.</p> <p><b>PO8: Scientific reasoning:</b> 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.</p> <p><b>PO9: Reflective thinking:</b> Critical sensibility to lived experiences, with self-awareness and reflexivity of both self and society.</p> <p><b>PO10: Information/Digital Literacy:</b> 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.</p> <p><b>PO11: Self- directed learning:</b> ability to work independently, identify appropriate resources required for a project and manage a project through to completion.</p> <p><b>PO12: Multicultural competence:</b> Posse's 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.</p> <p><b>PO13: Moral and Ethical awareness /reasoning:</b> 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.</p>
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	<p><b>PO14:</b> 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.</p> <p><b>PO15: Life Long Learning:</b> 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.</p>
Programme Specific Outcomes:	<p><b>PSO1 – Placement:</b> 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.</p> <p><b>PSO2 – Contribution to Business World:</b> Apply theoretical concepts to business practices to produce employable, ethical, and innovative professionals to sustain in the dynamic business world.</p> <p><b>PSO3 – Contribution to the Society:</b> 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.</p>

## B.COM INFORMATION SYSTEMS AND MANAGEMENT

Part	Course Code	Title of the Course	Credits	Hours
<b>FIRST YEAR</b>				
<b>FIRST SEMESTER</b>				
Part I	----	Language – Tamil I	3	6
Part II	100L1Z	English I	3	6
Part III	151C1A	Core Paper I –Financial Accounting I	5	5
	151C1B	Core Paper II - Principles of Management	5	5
	151E1A	Elective I - Programming in C and Lab	3	4
	151E1B	Elective I - Python Programming and Lab		
	151E1C	Elective I – Open Source Technology Lab		
Part IV	151S1A	SEC – 1 - MS Office for Commerce *	2	2
	100L1L	Basic Tamil-I (Other Language Students) *		
	100L1M	Advanced Tamil-I (Other Language Students) *		
	151B1A	Foundation Course FC - Professional Ethics	2	2
		<b>TOTAL</b>	<b>23</b>	<b>30</b>
<b>* PART-IV: SEC-1 / Basic Tamil / Advanced Tamil (Any one)</b> 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 <b>not</b> studied Tamil upto XII STD and have taken any Language other than Tamil in Part-I shall take <b>Basic Tamil</b> comprising of Two Courses (level will be at 6 <sup>th</sup> Std.). 3. Students who have studied Tamil upto XII STD and have taken any Language other than Tamil in Part-I shall take <b>Advanced Tamil</b> comprising of Two Courses.				
<b>SECOND SEMESTER</b>				
Part I	----	Language – Tamil II	3	6
Part II	100L2Z	English II	3	6
Part III	151C2A	Core Paper III –Financial Accounting II	5	5
	151C2B	Core Paper IV-Business Law	5	5
	151E2A	Elective II - Programming in JAVA and Lab	3	4
	151E2B	Elective II - Programming in C++ and Lab		
	151E2C	Elective II – Web Technology (PHP)		
Part IV	151S2A	SEC – 2 - Accounting Using Excel *	2	2
	100L2L	Basic Tamil-II (Other Language Students) *		
	100L2M	Advanced Tamil-II (Other Language Students) *		
	151S2B	SEC 3 - Retail Management	2	2
		<b>TOTAL</b>	<b>23</b>	<b>30</b>

<b>SECOND YEAR</b>				
<b>THIRD SEMESTER</b>				
Part I	----	Language – Tamil III	3	6
Part II	200L3Z	English III	3	6
Part III	251C3A	Core Paper V- Corporate Accounting I	5	5
	251C3B	Core Paper VI – Company Law	5	5
	251E3A	Elective III – Computerized Accounting	3	4
	251E3B	Elective III – E-Commerce		
	251E3C	Elective III – Human Resource Management		
Part IV	251S3A	Skill Enhancement Course – SEC 4	1	1
	251S3B	Skill Enhancement Course – SEC 5	2	2
	---	Environmental Studies	-	1
		<b>TOTAL</b>	<b>22</b>	<b>30</b>
<b>FOURTH SEMESTER</b>				
Part I	----	Language – Tamil IV	3	6
Part II	200L4Z	English IV	3	6
Part III	251C4A	Core Paper VII–Corporate Accounting II	5	5
	251C4B	Core Paper VIII- Principles of Marketing	5	5
	251E4A	Elective IV– SPSS Practical	3	3
	251E4B	Elective IV– Management Information System		
	251E4C	Elective IV– Customer Relationship Management		
Part IV	251S4A	Skill Enhancement Course SEC – 6	2	2
	251S4B	Skill Enhancement Course – SEC 7	2	2
	251V4A	Environmental Studies	2	1
		<b>TOTAL</b>	<b>25</b>	<b>30</b>
<b>THIRD YEAR</b>				
<b>FIFTH SEMESTER</b>				
Part III	351C5A	Core Paper IX –Cost Accounting I	4	5
	351C5B	Core Paper X - Banking Law and Practice	4	5
	351C5C	Core Paper XI – Income Tax Law and Practice I	4	5
	351C5D	Core Paper XII – Auditing and Corporate Governance	4	5
	351E5A 351E5B	Discipline Specific Elective 1/2 - Operation Research / 2/2 – Research Methodology	3	4
	351E5C 351E5D	Discipline Specific Elective 3/4 – Software Engineering+(UML Lab) /4/4 – Cryptography and Network Security	3	4
Part IV	351V5A	Value Education	2	2
	351V5B	Summer Internship / Industrial Training	2	-
		<b>TOTAL</b>	<b>26</b>	<b>30</b>

<b>SIXTH SEMESTER</b>				
Part III	351C6A	Core Paper XIII –Cost Accounting - II	<b>4</b>	<b>6</b>
	351C6B	Core Paper XIV-Management Accounting	<b>4</b>	<b>6</b>
	351C6C	Core Paper XV- Income Tax Law and Practice II	<b>4</b>	<b>6</b>
	351E6A	Discipline Specific Elective 5/6-		
	351E6B	Entrepreneurial Development / 6/6 Project	<b>3</b>	<b>5</b>
Part IV	351E6C	Discipline Specific Elective 7/8- R		
	351E6D	Language / 8/8 – Practical Tally	<b>3</b>	<b>5</b>
Part V	351V6A	General awareness for Competitive Examination	<b>2</b>	<b>2</b>
Part V	351V6B	Extension Activity	<b>1</b>	<b>-</b>
		<b>TOTAL</b>	<b>21</b>	<b>30</b>
		<b>GRAND TOTAL</b>	<b>140</b>	<b>180</b>

The following distribution of marks for Computer related subjects which have both theory and practical (syllabus combined both theory and practical in each paper together) in B.Com (Information Systems Management) be followed:

<b>PAPER</b>	<b>INTERNAL</b>	<b>EXTERNAL</b>	<b>TOTAL</b>
Theory	25	75	100
Practical	40	60	100

Finally, theory marks (100) be reduced to 60% and practical marks (100) be reduced to 40%.

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