



Anekant Education Society's

**Tuljaram Chaturchand College of Arts, Science & Commerce,
Baramati**

(Empowered Autonomous)

Three/Four Year Honours/Honours with Research B.Com. Degree

Program in Cost and Management Accounting

(Faculty of Commerce)

CBCS Syllabus

TYBCOM (Cost and Management Accounting)

For Department of Commerce

NEP

Choice Based Credit System Syllabus

(2024 Pattern)

(As Per NEP-2020)

To be implemented from Academic Year 2026-2027

Title of the Programme: SYBCOM (Cost and Management Accounting)**Preamble**

AES's Tuljaram Chaturchand College has decided to change the syllabus of various faculties from June, 2024 by taking into consideration the guidelines and provisions given in the National Education Policy (NEP), 2020. The NEP envisions making education more holistic and effective and to lay emphasis on the integration of general (academic) education, vocational education and experiential learning. The NEP introduces holistic and multidisciplinary education that would help to develop intellectual, scientific, social, physical, emotional, ethical and moral capacities of the students. The NEP 2020 envisages flexible curricular structures and learning based outcomes for the development of the students. The credit structure and the courses framework provided in the NEP are nationally accepted and internationally comparable.

The rapid changes in science and technology and new approaches in different areas of Commerce and related subjects, Board of Studies in Cost and Management Accounting of Tuljaram Chaturchand College, Baramati - Pune has prepared the syllabus of TYBCOM Cost and Management Accounting Semester - V under the Choice Based Credit System (CBCS) by following the guidelines of NEP 2020, NCeF, NHEQF, Prof. R.D. Kulkarni's Report, GR of Gov. of Maharashtra dated 20th April, 16th May 2023 and 13th March, 2024 and Circular of SPPU, Pune dated 31st May 2023 and 2nd May, 2024.

A degree in Cost and Management Accounting prepares students for many rewarding career paths. Graduates find opportunities in financial analysis, management consulting, strategic planning, performance management, risk assessment, internal auditing, budgeting, and beyond. Throughout their three-year degree program, students delve into accounting and management principles at various scales, from individual enterprises to global corporations. They develop the ability to identify and analyze financial data, comprehend cost behaviors, and assess financial performance across different organizations.

The curriculum explores the complex relationship between financial decision-making and business strategy, revealing how financial insights drive managerial actions and contribute to organizational success. Specializing in this discipline, students gain insights into the processes that influence business financial health, the creation of budget plans, and resource allocation strategies. Armed with a comprehensive skill set and knowledge base, graduates are

well-equipped to enhance the financial understanding of businesses and tackle the challenges presented by our dynamic economic landscape.

Ultimately, updating the Cost and Management Accounting syllabus by NEP 2020 ensures that students receive an education that is relevant and thorough and equips them to adeptly navigate today's interconnected business world. It provides them with the knowledge, skills, and competencies necessary to contribute significantly to the corporate sector and pursue their academic and professional aspirations in an ever-evolving global economy.

Programme Specific Outcomes (PSOs)

PSO1: Cost and Management Analysis: Showcase your ability to analyze complex business problems related to costs and management practices, proposing effective solutions for improved financial performance and resource allocation, particularly within rural and urban contexts. These skills you can immediately apply in your professional life, making you a valuable asset in any business setting.

PSO2: Socio-Economic Impact Assessment: Develop and conduct socio-economic survey projects that evaluate the financial health and development of specific communities or social groups, considering the impact of business activities.

PSO3: Effective Collaboration and Leadership: Develop and showcase your ability to collaborate effectively as individuals, team members, or leaders in diverse business settings, fostering multidisciplinary approaches to problem-solving and decision-making within cost and management accounting. This program will equip you with the necessary skills to lead and succeed in any business environment.

PSO4: Technology Integration: Apply modern technology tools and data collection methods appropriate for cost and management accounting practices in contemporary business environments.

PSO5: Business Communication and Reporting: Communicate effectively with stakeholders at local and global levels, utilizing modern communication tools and financial reporting practices to present cost and management accounting data clearly and concisely.

PSO6: Critical Thinking and Ethical Decision-Making: Develop critical thinking skills to analyze complex financial data, understand the ethical implications of cost and management accounting practices, and make sound decisions that contribute to organizational success while adhering to professional and ethical standards.

PSO7: Observation and Problem Identification: Cultivate strong observation skills through field experiences to identify local communities' socio-economic issues and business challenges, informing cost and management accounting solutions.

PSO8: Understanding Human Behavior in Business: Gain insights into human perception and behavior within business contexts to improve cost management and resource allocation decision-making.

PSO9: Sustainable Business Practices: Advocate for empathetic social and economic responsibility, champion equity-centered approaches in business development, and actively engage as future business leaders who promote sustainable practices. By doing so, you're not just benefiting your organization, but also making a positive impact on the community and the world at large.

PSO10: Management Skills for Cost Control: Develop a comprehensive understanding of management principles and their application to cost control strategies within organizations, functioning effectively as individuals and in collaborative teams.

PSO11: Professional Ethics and Integrity: Uphold high ethical standards by recognizing diverse value systems, considering the moral implications of cost and management accounting decisions, and taking responsibility for actions in both personal and professional life.

PSO12: Business Ethics and Sustainability Integration: Integrate an understanding of the societal and ethical impact of cost and management accounting practices, actively promoting sustainable business development strategies.

PSO13: Problem Detection and Business Sustainability: Utilize problem-solving skills to identify critical financial issues and spatial challenges that impact business sustainability, developing strategies to mitigate these risks.



Anekant Education Society's
Tuljaram Chaturchand College
of Arts, Science and Commerce Baramati, Dist-Pune
(Empowered Autonomous)

Board of Studies in Cost and Management Accounting
(Academic Year 2025-26 to 2027-28)

Sr.No.	Name of Member	Designation
1.	Dr. Bale Vivek A. Assistant Professor, Department of Commerce, T. C. College, Baramati.	Chairperson
2.	Dr. Pawar Janardhan K. Assistant Professor, Department of Commerce, T. C. College, Baramati.	Member
3.	Dr. Shah Niranjana Ramesh Assistant Professor, Department of Commerce, T. C. College, Baramati	Member
4.	Dr. Badve Megha Rajesh Assistant Professor, Department of Commerce, T. C. College, Baramati	Member
5.	Dr. Gore Dinesh Sambhaji Assistant Professor, Department of Commerce, T. C. College, Baramati	Member
6.	Ms. Borawake Shweta Assistant Professor, Department of Commerce, T. C. College, Baramati	Member
7.	Mr. More Ravindra S. Assistant Professor, Department of Commerce, T. C. College, Baramati	Member
8.	Ms. Vhora Puja A. Assistant Professor, Department of Commerce, T. C. College, Baramati	Member
9.	Dr. Bhosale Manisha B. Assistant Professor, Department of Commerce, T. C. College, Baramati	Member
10.	Ms. Khune Rupali Anand Assistant Professor, Department of Commerce, T. C. College, Baramati	Member
11.	Dr. Devendra Ajit Dagade	Vice-Chancellor Nominee Subject Expert from SPPU, Pune

12.	Dr. Nazare Kalyani Sandip	Subject Expert from Outside the Parent University
13.	Dr. Suyog A. Amrutrao	Subject Expert from Outside the Parent University
14.	CMA Dhavalikar Anuradha Makarand	Representative from industry/corporate sector/allied areas
15.	Dr. Wable Bhagyashri Madhukar	Member of the College Alumni
16.	Dandavate Shravani Unmesh	UG Student
17.	Borate Pooja Sawata	PG Student

**Credit Distribution Structure for Three/Four Year Honours/Honours with Research Degree Programme
With Multiple Entry and Exit options as per National Education Policy (2024 Pattern as per NEP-2020)**

Level/ Difficulty	Sem	Subject DSC-1				Subject DSC-2	Subject DSC-3	GE/OE	SEC	IKS	AEC	VEC	CC	Total
4.5/100	I	4(T)				4(T)	4(T)	2(T)	2 (T)	2(T) (Generic)	2(T)	2(T)	--	22
	II	4(T)				4(T)	4(T)	2(T)	2 (T)	--	2(T)	2(T)	2(T)	22
Exit option: Award of UG Certificate in Major with 44 credits and an additional 4 credits core NSQF course/Internship OR Continue with Major and Minor Continue option: Student will select one subject among the (subject 1, subject 2 and subject 3) as major and other as minor and third subject will be dropped.														
Level/ Difficulty	Sem	Credits Related to Major				Minor	--	GE/OE	SEC	IKS	AEC	VEC	CC	Total
		Major Core	Major Elective	VSC	FP/OJT/CE P/RP									
5.0/200	III	6(T)	--	2 (T)	2(FP)	4(T)	--	2(T)	--	2(T)	--	2(T)	22	
	IV	6(T)	--	2 (T)	2(CEP)	4(T)	--	2(T)	2 (T)	--	2(T)	--	2(T)	22
Exit option: Award of UG Diploma in Major and Minor with 88 credits and an additional 4credits core NSQF course/Internship OR Continue with Major and Minor														
5.5/300	V	12(T)	4(T)	2 (T)	2(FP/CEP)	2(T)	--	--	--	--	--	--	22	
	VI	12(T)	4(T)	2 (T)	4 (OJT)	--	--	--	--	--	--	--	22	
Total 3Years		44	8	8	10	18	8	8	6	4	8	4	6	132
Exit option: Award of UG Degree in Major with 132 credits OR Continue with Major and Minor														
6.0/400	VII	10 (T)	4(T)	--	4(RP)	4(RM)(T)	--	--	--	--	--	--	22	
	VIII	10 (T)	4(T)	--	6(RP)	--	--	--	--	--	--	--	22	
Total 4Years		64	16	8	22	22	8	8	6	4	8	4	6	176
Four Year UG Honours with Research Degree in Major and Minor with 176 credits														
6.0/400	VII	10 (T)	4(T)	--	--	4(RM) (T)	--	--	--	--	--	--	22	
	VIII	10 (T)	4(T)	--	4 (OJT)	--	--	--	--	--	--	--	22	
Total 4Years		72	16	8	14	22	8	8	6	4	8	4	6	176
Four Year UG Honours Degree in Major and Minor with 176 credits														
T = Theory P = Practical DSC = Discipline Specific Course OE = Open Elective SEC = Skill Enhancement Course IKS = Indian Knowledge System AEC = Ability Enhancement Course VEC = Value Education Course CC = Co-curricular Course VSC= Vocational Skill Course OJT= On Job Training CEP= Community Engagement Project FP= Field Project RP= Research Project														

Course Structure for T.Y. B.Com. Commerce (2024 Pattern) as per NEP-2020

**B.Com. in Cost and Management Accounting
T.Y. B.Com. (NEP-2020) 2024 Pattern**

Sem	Course Type	Course Code	Course Title	Theory/ Practical	Credits
V (5.5)	Major Mandatory	COM-301-MRM (A)	Advanced Accounting I	Theory	04
		COM-301- MRM(B)	Introduction to Modern Marketing	Theory	04
		COM-301- MRM(C)	Modern Business Dynamics	Theory	04
		COM-301- MRM(D)	Cost Accounting Systems and Applications	Theory	04
		COM-301- MRM(E)	Quantitative Techniques – I	Theory	04
		COM-301- MRM(F)	Banking Law and Practices I	Theory	04
		COM-302-MRM (A)	Financial Audit	Theory	04
		COM-302- MRM(B)	Basics of Marketing Strategy	Theory	04
		COM-302- MRM(C)	Office Management	Theory	04
		COM-302- MRM(D)	Cost Management and Decision Making	Theory	04
		COM-302- MRM(E)	Probability and Distribution Theory	Theory	04
		COM-302- MRM(F)	International Economics I	Theory	04
	COM-303-MRM	Mercantile Laws	Theory	04	
	Major Elective (MJE)	COM-305- MJE(A)	Customer Relationship Marketing	Theory (Any one)	04
		COM-305- MJE(B)	Management Techniques		
On Job Training (OJT)	COM-306-OJT	On Job Training	Theory	02	
Minor	COM-307-MN(A)	Service Sector Accounting	Theory	02	

		COM-307-MN(B)	Tourism Marketing	Theory	02
		COM-307-MN(C)	Disaster Management	Theory	02
		COM-307-MN(D)	Cost Accounting Methods and Cost Control	Theory	02
		COM-307-MN(E)	Quantitative Techniques	Theory	02
		COM-307-MN(F)	Introduction of Indian Economy	Theory	02
	Total Credits Semester-V				
VI (5.5)	Major Mandatory	COM-351-MRM(A)	Advanced Accounting II	Theory	04
		COM-351-MRM(B)	Modern Marketing	Theory	04
		COM-351-MRM(C)	Functional Management	Theory	04
		COM-351-MRM(D)	Cost Accounting Systems and Strategies Pricing	Theory	04
		COM-351-MRM(E)	Quantitative Techniques – II	Theory	04
		COM-351-MRM(F)	Banking Law and Practices II	Theory	04
		COM-352-MRM(A)	Direct Tax	Theory	04
		COM-352-MRM(B)	Marketing Strategies in Modern Marketing	Theory	04
		COM-352-MRM(C)	Small Business Management	Theory	04
		COM-352-MRM(D)	Cost Audit and Cost Control Techniques	Theory	04
		COM-352-MRM(E)	Distribution theory and Testing of Hypothesis	Theory	04
		COM-352-MRM(F)	International Economics II	Theory	04
		COM-353-MRM	Business Laws	Theory	04
	Major Elective (MJE)	COM-355-MJE(A)	Green Marketing	Theory (Any one)	04
		COM-355-MJE(B)	Organization Management		
	Vocational Skill Course (VSC)	COM-356-VSC	Entrepreneurship Development	Theory	04
	Field Project	COM-357-FP	Field Project	Practical	02
Total Credits Semester-VI					22
Total Credits Semester-V+ VI					44

CBCS Syllabus as per NEP 2020 for T.Y. B.Com. Semester V (2024 Pattern)

Name of the Programme	: B.Com
Programme Code	: UCCO
Class	: T.Y.B.Com
Semester	: V
Course Type	: Major Mandatory
Course Code	: COM-301-MRM (D)
Course Name	: Cost Accounting Systems and Applications
Credit	: 04 Credits (Theory)
No. of Teaching Hours	: 60

Course Objectives:

1. To develop conceptual clarity about Cost Accounting Systems, including principal books of accounts, cost control accounts, and the structure of Integrated and Non-Integrated Accounting Systems.
2. To enable students to record and analyse accounting entries under the Non-Integrated Cost Accounting System through practical problem-solving.
3. To familiarize students with Cost Accounting Standards (CAS–6: Material Cost and CAS–7: Employee Cost) and their role in ensuring uniformity and accuracy in cost determination.
4. To examine the application of cost management practices in specific sectors such as agriculture and the information technology sector.
5. To build a thorough understanding of Service Costing and Operating Costing, including identification of appropriate cost units in service organisations.
6. To develop the ability to prepare cost sheets for transport and other service undertakings using suitable cost units.
7. To analyze modern cost management techniques such as Target Costing and evaluate various pricing methods for managerial decision-making.

Course Outcomes:

- CO 1:** Explain the structure and functioning of Integrated and Non-Integrated Cost Accounting Systems and distinguish between them.
- CO 2:** Record journal entries and prepare necessary accounts under the Non-Integrated Accounting System.
- CO 3:** Apply Cost Accounting Standards (CAS–6 and CAS–7) for proper measurement and control of material and employee costs.
- CO 4:** Analyze cost management practices in sector-specific contexts such as agriculture and information technology.
- CO 5:** Describe the meaning, features, and objectives of Service Costing and Operating Costing and identify appropriate cost units.
- CO 6:** Prepare cost sheets for transport and other service organisations using simple and composite cost units.
- CO 7:** Evaluate Target Costing and compare cost-based, competition-based, and value-based pricing methods for business decision-making.

TOPICS/CONTENTS AND LEARNING POINTS**Unit I: Cost Accounting Systems and Control Mechanism****15 LECTURES**

- 1.1 Basic Concepts – Principal Books of Accounts
- 1.2 Cost Control Accounts
- 1.3 Integrated and Non-Integrated Accounting Systems
- 1.4 ERP in Accounting Systems
- 1.5 Accounting Entries under Non-Integrated System
- 1.6 Practical Problems on Journal Entries (Non-Integrated System)

Unit II: Service Costing**15 LECTURES**

- 2.1 Meaning and Features of Service Costing
- 2.2 Objectives of Service Costing
- 2.3 Cost Units – Simple and Composite
- 2.4 Preparation of Cost Sheet for Transport Services

Unit III: Target Costing and Pricing Strategies**15 LECTURES**

- 3.1 Concept, Features and Process of Target Costing
- 3.2 Advantages and Limitations of Target Costing
- 3.3 Overview of Costing for Pricing Decisions
- 3.4 Pricing Methods
 - a. Cost-Based Pricing
 - b. Competition-Based Pricing
 - c. Value-Based Pricing

Unit IV: Cost Accounting Standards and Sector-Specific Cost Management 15 LECTURES

- 4.1 Introduction to Cost Accounting Standards
 - a. CAS–6: Material Cost
 - b. CAS–7: Employee Cost
- 4.2 Cost Management in Specific Sectors
 - a. Agricultural Sector
 - b. Information Technology (IT) Sector

Recommended Books

1. Prof. Subhash Jagtap – *Practice in Advanced Costing and Management Accounting*, Nirali Prakashan, Pune.
2. Ravi Kishor – *Advanced Cost Accounting and Cost Systems*, Taxman's Allied Service Pvt. Ltd., New Delhi.
3. S.P. Iyengar – *Cost Accounting Principles and Practice*, Sultan Chand & Sons, New Delhi.
4. Ravi Kishor – *Students Guide to Cost Accounting*, Taxman's, New Delhi.
5. M.N. Arora – *Cost Accounting Principles and Practice*, Vikas Publishing House Pvt. Ltd., New Delhi.
6. S.N. Maheshwari & S.N. Mittal – *Cost Accounting: Theory and Problems*, Mahavir Book Depot, New Delhi.
7. B.L. Lall & G.L. Sharma – *Theory and Techniques of Cost Accounting*, Himalaya Publishing House, New Delhi.
8. V.K. Saxena & C.D. Vashist – *Cost Accounting – Textbook*, Sultan Chand & Sons, New Delhi.
9. Jain & Narang – *Cost Accounting Principles and Practice*, Kalyani Publishers.
10. N.K. Prasad – *Principles and Practice of Cost Accounting*, Book Syndicate Pvt. Ltd., Calcutta.
11. R.K. Motwani – *Practical Costing*, Pointer Publisher, Jaipur.
12. R.S.N. Pillai & V. Bhagavati – *Cost Accounting*.
13. Srikant M. Datar & Horngren – *Cost Accounting and Managerial Emphasis*.
14. Dr. J.P. Bhosale – *Management Accounting*, Vision Publication.

Journals

1. *Cost Accounting Standards*, The ICWA of India, Calcutta.
2. *Management Accountant*, The ICWA of India, Calcutta.

Web Resources

- [ICMAI Official Website](#)

Assessment Pattern:

Internal Assessment Teacher can choose any one or more of the following methods: Unit Test, Presentation, Field Work, Assignment, Assigning Internship to Students	40 Marks
External Examination For external examination the Question Paper should consist of: Theory Questions – 50% and Problems – 50%	60 Marks
Total Marks	100 Marks

Choice Based Credit System Syllabus (2024 Pattern)

(As Per NEP 2020)

Mapping of Program Outcomes with Course Outcomes

Class: T.Y.B.Com (Sem V)

Subject: Cost Accounting Systems and Applications

Course: Major Mandatory

Course Code: : COM-301-MRM (D)

Weightage: 1= weak or low relation, 2= moderate or partial relation, 3= strong or direct relation

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PO 15
CO 1	3	3	2	2	3	2	2	2	2	3	2	2	2	3	2
CO 2	3	3	3	2	3	2	2	2	2	3	2	2	2	3	2
CO 3	3	3	3	2	3	2	2	2	2	3	3	2	2	3	2
CO 4	3	3	3	2	3	3	3	2	2	3	3	2	2	3	2
CO 5	3	3	3	2	3	2	2	2	2	3	2	2	2	3	2
CO 6	3	3	3	2	3	3	2	2	2	3	3	2	2	3	2
CO 7	3	3	3	3	3	3	3	2	2	3	3	2	2	3	2

Justification for the Mapping

PO1: Fundamental Knowledge and Coherent Understanding

CO1: Explains cost accounting systems, service costing concepts, and cost sheet preparation.

CO2: Differentiates integrated and non-integrated accounting systems.

CO3: Introduces CAS-6 and CAS-7 for material and employee cost determination.

CO4: Demonstrates cost management practices in agriculture and IT sectors.

CO5: Explains operating costing and cost unit concepts.

CO6: Highlights target costing as a strategic cost control tool.

CO7: Compares various pricing methods for managerial decision-making.

PO2: Procedural Knowledge for Skill Enhancement

CO1: Prepares cost sheets using appropriate cost units.

CO2: Records journal entries under the non-integrated system.

CO3: Applies CAS standards for systematic cost measurement.

CO4: Implements sector-specific cost management techniques.

CO5: Calculates operating costs for service organisations.

CO6: Develops target cost structures for profitability planning.

CO7: Applies pricing techniques to practical business situations.

PO3: Critical Thinking and Problem-Solving Skills

CO1: Solves numerical problems in service costing.

CO2: Evaluates suitability of accounting systems.

CO3: Applies CAS principles for cost control decisions.

CO4: Analyzes cost issues in agriculture and IT sectors.

CO5: Identifies operational cost inefficiencies.

CO6: Determines feasible target costs under competitive conditions.

CO7: Makes rational pricing decisions considering market and cost factors.

PO4: Communication Skills

- CO1: Explains costing concepts clearly in written and oral form.
- CO2: Communicates accounting records systematically.
- CO3: Presents CAS-based cost analysis effectively.
- CO4: Explains sectoral cost management strategies.
- CO5: Communicates operating cost findings.
- CO6: Discusses target costing frameworks logically.
- CO7: Justifies pricing decisions using structured arguments.

PO5: Analytical Reasoning Skills

- CO1: Analyzes cost components in service organisations.
- CO2: Evaluates accounting systems for efficiency.
- CO3: Interprets CAS reports for managerial decisions.
- CO4: Assesses sectoral cost structures critically.
- CO5: Examines operating cost data for trends.
- CO6: Performs cost analysis for setting target costs.
- CO7: Analyzes pricing strategies for profitability and competitiveness.

PO6: Innovation, Employability and Entrepreneurial Skills

- CO1: Suggests improved service costing methods.
- CO2: Enhances accounting system implementation.
- CO3: Applies CAS for better cost control practices.
- CO4: Designs innovative cost management solutions in specific sectors.
- CO5: Develops efficient operating cost frameworks.
- CO6: Uses target costing to build competitive business strategies.
- CO7: Applies pricing innovations to improve business performance.

PO7: Multidisciplinary Competence

- CO1: Connects costing with finance and management.
- CO2: Links accounting systems with operational processes.
- CO3: Integrates CAS with HR and financial management.
- CO4: Applies cost management across agriculture and IT.
- CO5: Relates operating costing with service industries.
- CO6: Combines target costing with strategic planning.
- CO7: Aligns pricing methods with marketing and finance decisions.

PO8: Value Inculcation through Community Engagement

- CO1: Encourages fair cost allocation practices.
- CO2: Promotes transparency in accounting systems.
- CO3: Ensures ethical compliance with CAS standards.
- CO4: Advocates responsible cost management in sectors.
- CO5: Supports socially responsible costing decisions.
- CO6: Promotes value-based cost reduction strategies.
- CO7: Encourages fair and consumer-oriented pricing decisions.

PO9: Traditional Knowledge into Modern Application

- CO1: Applies classical service costing methods in modern contexts.
- CO2: Uses traditional accounting structures in structured systems.
- CO3: Integrates conventional cost control with CAS standards.
- CO4: Applies traditional cost principles in emerging sectors.
- CO5: Combines classical operating costing with current practices.
- CO6: Aligns target costing with established cost planning methods.
- CO7: Incorporates traditional pricing principles in modern markets.

PO10: Design and Development of System

- CO1: Designs service cost sheets.
- CO2: Develops accounting system structures.
- CO3: Creates CAS-based cost control frameworks.
- CO4: Designs sector-specific cost management systems.
- CO5: Develops operating costing systems.

CO6: Designs target costing models.
CO7: Develops structured pricing frameworks.

PO11: Ethical and Social Responsibility

CO1: Ensures ethical cost allocation.
CO2: Maintains integrity in record keeping.
CO3: Encourages compliance with cost standards.
CO4: Promotes responsible cost management.
CO5: Supports ethical operating cost practices.
CO6: Applies target costing ethically.
CO7: Ensures fairness and transparency in pricing.

PO12: Research-Related Skills

CO1: Examines service costing techniques.
CO2: Studies effectiveness of accounting systems.
CO3: Evaluates CAS compliance outcomes.
CO4: Investigates sector-specific costing practices.
CO5: Analyzes operating cost behaviour.
CO6: Studies target costing impact on profitability.
CO7: Evaluates pricing strategies through analytical comparison.

PO13: Teamwork

CO1: Participates in cost sheet preparation exercises.
CO2: Works in groups on accounting system problems.
CO3: Collaborates in CAS application tasks.
CO4: Engages in team-based sector cost analysis.
CO5: Conducts operating cost studies collaboratively.
CO6: Works in teams for target costing exercises.
CO7: Collaborates in pricing decision case studies.

PO14: Area-Specific Expertise

CO1: Develops expertise in service costing.
CO2: Gains proficiency in cost accounting systems.
CO3: Specializes in CAS standards application.
CO4: Acquires sector-specific cost management knowledge.
CO5: Demonstrates mastery in operating costing.
CO6: Develops expertise in target costing techniques.
CO7: Applies pricing methods effectively in business practice.

PO15: Environmental Awareness

CO1: Considers environmental cost elements in services.
CO2: Encourages responsible accounting practices.
CO3: Supports sustainable material and employee cost practices.
CO4: Advocates environmentally responsible sector costing.
CO5: Integrates sustainability in operating costing.
CO6: Considers environmental implications in target costing.
CO7: Promotes responsible pricing aligned with sustainability.

CBCS Syllabus as per NEP 2020 for T.Y. B.Com. Semester V (2024 Pattern)

Name of the Programme	: B.Com
Programme Code	: UCCO
Class	: T.Y.B.Com
Semester	: V
Course Type	: Major Mandatory
Course Code	: COM-302-MRM (D)
Course Name	: Cost Management and Decision Making
Credit	: 04 Credits (Theory)
No. of Teaching Hours	: 60

Course Objectives

1. To develop understanding of statutory provisions relating to maintenance of cost records under the Companies Act, 2013.
2. To explain the appointment, rights and duties of Cost Auditor and the objectives of Cost Audit.
3. To familiarize students with the structure and preparation of Cost Audit Reports and Cost Accounting Standards issued by ICAI.
4. To develop conceptual clarity of Standard Costing and its role in cost control.
5. To distinguish between Standard Costing and Budgetary Control and evaluate their advantages and limitations.
6. To enable students to compute and analyze Material Variances for effective cost control.
7. To enable students to compute and interpret Labour Variances for performance evaluation and managerial decision-making.

Course Outcomes

- CO1:** Explain statutory provisions related to cost records and cost audit under Section 148 of the Companies Act, 2013.
- CO2:** Describe the appointment, rights and duties of a Cost Auditor and the scope of cost audit.
- CO3:** Prepare and interpret Cost Audit Reports and understand the relevance of Cost Accounting Standards.
- CO4:** Explain the concept of Standard Costing and differentiate it from Budgetary Control.
- CO5:** Evaluate the advantages and limitations of Standard Costing as a cost control tool.
- CO6:** Calculate and analyze Material Variances and identify their causes.
- CO7:** Calculate and interpret Labour Variances for performance measurement and control.

TOPICS/CONTENTS AND LEARNING POINTS**Unit I: Statutory Framework of Cost Accounting and Cost Audit****10 LECTURES**

- 1.1 Introduction to Cost Accounting Records under Section 148 of Companies Act, 2013
- 1.2 Maintenance of Cost Records and Verification of Cost Records
- 1.3 Cost Auditor – Appointment, Rights and Duties
- 1.4 Meaning, Scope, Objectives and Advantages of Cost Audit

Unit II: Cost Audit Reporting and Cost Accounting Standards**10 LECTURES**

- 2.1 Cost Audit Report and Annexures
- 2.2 Introduction to Cost Accounting Standards (CAS) issued by ICAI
- 2.3 Role of CAS in Cost Compliance and Reporting

Unit III: Standard Costing – Concepts and Material Variance**20 LECTURES**

- 3.1 Introduction, Meaning and Definition of Standard Cost and Standard Costing
- 3.2 Types of Standards and Setting up of Material Standards
- 3.3 Difference between Standard Costing and Budgetary Control
- 3.4 Advantages and Limitations of Standard Costing
- 3.5 Material Variance – Meaning, Significance, Types and Causes
- 3.6 Practical Problems on Material Variances

Unit IV: Labour Variance Analysés**20**

- 4.1 Labour Standards – Meaning and Setting of Labour Standards
- 4.2 Labour Variance – Meaning, Significance, Types and Causes
- 4.3 Practical Problems on Labour Variances

Recommended Books

1. Prof. Subhash Jagtap – *Practice in Advanced Costing and Management Accounting*, Nirali Prakashan, Pune.
2. Ravi Kishor – *Advanced Cost Accounting and Cost Systems*, Taxman's Allied Service Pvt. Ltd., New Delhi.
3. S.P. Iyengar – *Cost Accounting Principles and Practice*, Sultan Chand & Sons, New Delhi.
4. Ravi Kishor – *Students Guide to Cost Accounting*, Taxman's, New Delhi.
5. M.N. Arora – *Cost Accounting Principles and Practice*, Vikas Publishing House Pvt. Ltd., New Delhi.
6. S.N. Maheshwari & S.N. Mittal – *Cost Accounting: Theory and Problems*, Mahavir Book Depot, New Delhi.
7. B.L. Lall & G.L. Sharma – *Theory and Techniques of Cost Accounting*, Himalaya Publishing House, New Delhi.
8. V.K. Saxena & C.D. Vashist – *Cost Accounting – Textbook*, Sultan Chand & Sons, New Delhi.
9. Jain & Narang – *Cost Accounting Principles and Practice*, Kalyani Publishers.
10. N.K. Prasad – *Principles and Practice of Cost Accounting*, Book Syndicate Pvt. Ltd., Calcutta.
11. R.K. Motwani – *Practical Costing*, Pointer Publisher, Jaipur.
12. R.S.N. Pillai & V. Bhagavati – *Cost Accounting*.
13. Srikant M. Datar & Horngren – *Cost Accounting and Managerial Emphasis*.
14. Dr. J.P. Bhosale – *Management Accounting*, Vision Publication.

Journals

1. *Cost Accounting Standards*, The ICWA of India, Calcutta.
2. *Management Accountant*, The ICWA of India, Calcutta.

Web Resources

- [ICMAI Official Website](#)

Assessment Pattern:

Internal Assessment Teacher can choose any one or more of the following methods: Unit Test, Presentation, Field Work, Assignment, Assigning Internship to Students	40 Marks
External Examination For external examination the Question Paper should consist of: Theory Questions – 50% and Problems – 50%	60 Marks
Total Marks	100 Marks

Choice Based Credit System Syllabus (2024 Pattern)

(As Per NEP 2020)

Mapping of Program Outcomes with Course Outcomes

Class: T.Y.B.Com (Sem V)

Subject: Cost Management and Decision Making

Course: Major Mandatory

Course Code: : COM-302-MRM (D)

Weightage: 1= weak or low relation, 2= moderate or partial relation, 3= strong or direct relation

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PO 13	PO 14	PO 15
CO 1	3	2	2	2	3	2	2	2	2	3	3	2	2	3	2
CO 2	3	2	2	2	3	2	2	2	2	3	3	2	2	3	2
CO 3	3	3	3	2	3	2	2	2	2	3	3	3	2	3	2
CO 4	3	3	3	2	3	2	2	2	2	3	3	3	2	3	2
CO 5	3	3	3	2	3	2	2	2	2	3	3	3	2	3	2
CO 6	3	3	3	2	3	3	2	2	2	3	3	3	2	3	2
CO 7	3	3	3	2	3	3	2	2	2	3	3	3	2	3	2

Justification for the Mapping

PO1: Fundamental Knowledge and Coherent Understanding

CO1: Explains the importance and legal requirements of cost records under Section 148 of Companies Act, 2013.

CO2: Describes the role, appointment, rights and duties of a Cost Auditor.

CO3: Explains objectives, advantages and reporting framework of cost audit including preparation of reports and annexures.

CO4: Introduces concepts, types and features of Standard Costing and differentiates it from Budgetary Control.

CO5: Explains advantages and limitations of Standard Costing as a cost control tool.

CO6: Computes and analyzes material variances to assess cost performance.

CO7: Computes and analyzes labour variances to measure productivity and managerial efficiency.

PO2: Procedural Knowledge for Skill Enhancement

CO1: Maintains and verifies cost records in compliance with statutory provisions.

CO2: Performs procedures related to appointment and functioning of cost auditors.

CO3: Prepares cost audit reports along with annexures.

CO4: Applies procedures for setting standards and implementing standard costing systems.

CO5: Uses standard costing procedures to compare actual and standard performance.

CO6: Calculates material variances using appropriate formulas and structured methods.

CO7: Calculates labour variances including rate and efficiency variances systematically.

PO3: Critical Thinking and Problem-Solving Skills

CO1: Identifies compliance issues in cost record maintenance.

CO2: Resolves issues related to auditor roles and statutory responsibilities.

CO3: Interprets audit reports to identify cost control gaps.

CO4: Evaluates differences between standard costing and budgetary control for performance improvement.

CO5: Assesses the suitability of standard costing for different industries.

CO6: Analyzes material variance causes and suggests corrective measures.

CO7: Analyzes labour variance causes and proposes productivity improvement strategies.

PO4: Communication Skills

CO1: Explains statutory requirements of cost records clearly in written and oral form.

CO2: Communicates auditor responsibilities and audit scope effectively.

CO3: Prepares and presents cost audit reports in a structured format.

CO4: Explains standard costing concepts and comparisons clearly.

CO5: Communicates advantages and limitations of standard costing.

CO6: Presents material variance findings to management.

CO7: Communicates labour variance analysis and recommendations effectively.

PO5: Analytical Reasoning Skills

CO1: Analyzes compliance with cost record-keeping laws.

CO2: Evaluates the impact of cost audit on cost control systems.

CO3: Interprets audit reports to assess efficiency and performance.

CO4: Compares standard costs with actual costs for deviation analysis.

CO5: Evaluates effectiveness of standard costing as a control mechanism.

CO6: Performs detailed material variance analysis for decision-making.

CO7: Conducts labour variance analysis to support productivity improvement.

PO6: Innovation, Employability, and Entrepreneurial Skills

CO1: Suggests improvements in cost record maintenance systems.

CO2: Improves audit compliance and monitoring processes.

CO3: Recommends enhancements in audit reporting practices.

CO4: Designs efficient standard costing implementation strategies.

CO5: Applies innovative cost control approaches through standard costing.

CO6: Uses material variance analysis to propose cost-saving measures.

CO7: Uses labour variance analysis to improve workforce management.

PO7: Multidisciplinary Competence

CO1: Links cost records with accounting, corporate law and management.

CO2: Integrates audit processes with organizational control systems.

CO3: Connects audit reporting with financial decision-making.

CO4: Relates standard costing with budgeting and performance evaluation.

CO5: Connects standard costing with planning and control functions.

CO6: Uses material variance analysis for cross-functional decisions.

CO7: Applies labour variance analysis in HR and operational planning.

PO8: Value Inculcation through Community Engagement

CO1: Promotes ethical maintenance of cost records.

CO2: Emphasizes transparency and accountability in audit practices.

CO3: Encourages fair reporting in cost audit.

CO4: Advocates responsible use of standard costing.

CO5: Promotes fairness and accountability in cost control systems.

CO6: Encourages honest reporting of material variances.

CO7: Promotes responsible interpretation of labour variances.

PO9: Traditional Knowledge into Modern Application

CO1: Applies traditional cost accounting practices within modern legal framework.

CO2: Uses classical audit concepts under contemporary regulations.

CO3: Integrates traditional audit structures with ICMAI standards.

CO4: Applies classical standard costing techniques in modern industries.

CO5: Combines traditional cost control methods with structured analysis.

CO6: Applies classical variance principles in modern contexts.

CO7: Uses labour variance techniques rooted in traditional cost control systems.

PO10: Design and Development of System

CO1: Designs cost record-keeping systems for compliance.

CO2: Develops structured audit frameworks.

CO3: Creates systematic formats for cost audit reporting.

CO4: Develops standard costing systems for organizational control.

CO5: Designs performance measurement systems using standards.

CO6: Develops material variance monitoring frameworks.

CO7: Designs labour variance reporting systems for management use.

PO11: Ethical and Social Responsibility

CO1: Ensures compliance with legal and ethical requirements in cost records.

CO2: Promotes integrity in cost audit functions.

CO3: Encourages ethical preparation of audit reports.

CO4: Supports ethical implementation of cost control systems.

CO5: Emphasizes accountability in standard costing practices.

CO6: Encourages honest analysis of material variances.

CO7: Promotes responsible reporting of labour variances.

PO12: Research-Related Skills

CO1: Studies statutory provisions and best practices in cost record maintenance.

CO2: Examines effectiveness of cost audit processes.

CO3: Investigates improvements in cost audit reporting.

CO4: Analyses application of standard costing systems.

CO5: Evaluates practical implementation of cost control systems.

CO6: Research causes of material variances.

CO7: Studies labour productivity trends through variance analysis.

PO13: Teamwork

CO1: Works collaboratively in maintaining and verifying cost records.

CO2: Participates in group discussions on audit compliance.

CO3: Collaborates in preparing cost audit documentation.

CO4: Works in teams to apply standard costing systems.

CO5: Collaborates in comparative cost analysis exercises.

CO6: Participates in team-based material variance calculations.

CO7: Works collaboratively on labour variance analysis and interpretation.

PO14: Area-Specific Expertise

CO1: Gains expertise in cost accounting record compliance.

CO2: Develops specialized knowledge in cost audit practices.

CO3: Gains mastery in preparation of cost audit reports and annexures.

CO4: Specializes in implementation of standard costing systems.

CO5: Demonstrates mastery in cost control evaluation techniques.

CO6: Develops expertise in material variance computation and analysis.

CO7: Gains expertise in labour variance computation and managerial interpretation.

PO15: Environmental Awareness

CO1: Recognizes environmental compliance aspects in cost record systems.

CO2: Encourages responsible audit practices considering sustainability.

CO3: Supports transparent reporting including environmental considerations.

CO4: Applies standard costing with awareness of sustainable resource usage.

CO5: Integrates sustainability considerations in cost control decisions.

CO6: Considers environmental impact in material variance evaluation.

CO7: Evaluates labour practices with attention to sustainable productivity.

CBCS Syllabus as per NEP 2020 for T.Y. B.Com. Semester V (2024 Pattern)

Name of the Programme	: B.Com
Programme Code	: UCCO
Class	: T.Y.B.Com
Semester	: V
Course Type	: Minor
Course Code	: COM-307-MN(D)
Course Name	: Cost Accounting Methods and Cost Control
Credit	: 02 Credits (Theory)
No. of Teaching Hours	: 30

Course Objectives

1. To develop understanding of statutory provisions relating to cost accounting records under Section 148 of the Companies Act, 2013.
2. To explain the role, appointment, rights and responsibilities of a Cost Auditor in maintaining cost discipline.
3. To introduce the concept and importance of Service (Operating) Costing in service organizations.
4. To enable students to identify appropriate cost units including simple and composite cost units.
5. To develop conceptual clarity of Standard Cost and Standard Costing as tools of cost control.
6. To explain the types of standards and process of setting material standards.
7. To enable students to compute and analyze Material Variances for effective cost control and performance evaluation.

Course Outcomes

- CO1:** Explain statutory provisions related to cost accounting records and cost audit under Section 148 of the Companies Act, 2013.
- CO2:** Describe the appointment, rights and duties of Cost Auditor and their role in cost compliance.
- CO3:** Explain the meaning, features and objectives of Service (Operating) Costing.
- CO4:** Identify and apply appropriate simple and composite cost units in service organizations.
- CO5:** Explain the concept, types and advantages of Standard Costing as a cost control technique.
- CO6:** Set material standards and evaluate their relevance in cost control.
- CO7:** Calculate and analyze Material Variances and interpret their causes for managerial decision-making.

TOPICS/CONTENTS AND LEARNING POINTS**Unit I: Statutory Framework of Cost Accounting****8 LECTURES**

- 1.1 Introduction to Cost Accounting Records under Section 148 of the Companies Act, 2013
- 1.2 Maintenance and Verification of Cost Records
- 1.3 Cost Auditor – Appointment, Rights, Duties and Responsibilities

Unit II: Service (Operating) Costing**7 LECTURES**

- 2.1 Meaning and Features of Service (Operating) Costing
- 2.2 Objectives of Service Costing
- 2.3 Cost Units – Simple and Composite

Unit III: Standard Costing and Material Cost Control**15 LECTURES**

- 3.1 Introduction, Meaning and Definition of Standard Cost and Standard Costing
- 3.2 Types of Standards and Setting up of Material Standards
- 3.3 Advantages and Limitations of Standard Costing
- 3.4 Material Variance Analysis – Meaning, Significance, Types and Causes
- 3.5 Numerical Problems on Material Variances

Recommended Books

1. Prof. Subhash Jagtap – *Practice in Advanced Costing and Management Accounting*, Nirali Prakashan, Pune.
2. Ravi Kishor – *Advanced Cost Accounting and Cost Systems*, Taxman's Allied Service Pvt. Ltd., New Delhi.
3. S.P. Iyengar – *Cost Accounting Principles and Practice*, Sultan Chand & Sons, New Delhi.
4. Ravi Kishor – *Students Guide to Cost Accounting*, Taxman's, New Delhi.
5. M.N. Arora – *Cost Accounting Principles and Practice*, Vikas Publishing House Pvt. Ltd., New Delhi.
6. S.N. Maheshwari & S.N. Mittal – *Cost Accounting: Theory and Problems*, Mahavir Book Depot, New Delhi.
7. B.L. Lall & G.L. Sharma – *Theory and Techniques of Cost Accounting*, Himalaya Publishing House, New Delhi.
8. V.K. Saxena & C.D. Vashist – *Cost Accounting – Textbook*, Sultan Chand & Sons, New Delhi.
9. Jain & Narang – *Cost Accounting Principles and Practice*, Kalyani Publishers.
10. N.K. Prasad – *Principles and Practice of Cost Accounting*, Book Syndicate Pvt. Ltd., Calcutta.
11. R.K. Motwani – *Practical Costing*, Pointer Publisher, Jaipur.
12. R.S.N. Pillai & V. Bhagavati – *Cost Accounting*.
13. Srikant M. Datar & Horngren – *Cost Accounting and Managerial Emphasis*.
14. Dr. J.P. Bhosale – *Management Accounting*, Vision Publication.

Journals

3. *Cost Accounting Standards*, The ICWA of India, Calcutta.
4. *Management Accountant*, The ICWA of India, Calcutta.

Web Resources

- [ICMAI Official Website](#)

Assessment Pattern:

Internal Assessment Teacher can choose any one or more of the following methods: Unit Test, Presentation, Field Work, Assignment, Assigning Internship to Students	20 Marks
External Examination For external examination the Question Paper should consist of: Theory Questions – 50% and Problems – 50%	30 Marks
Total Marks	50 Marks

Choice Based Credit System Syllabus (2024 Pattern) (As Per NEP 2020)

Mapping of Program Outcomes with Course Outcomes

Class: T.Y.B.Com (Sem V)

Subject: Cost Accounting Methods and Cost Control

Course: Minor

Course Code: COM-307-MN(D)

Weightage:

1 = weak or low relation 2 = moderate or partial relation 3 = strong or direct relation

	P O1	P O2	P O3	P O4	P O5	P O6	P O7	P O8	P O9	PO 10	PO 11	PO 12	PO 13	PO 14	PO 15
C O1	3	2	2	2	3	2	2	2	2	2	3	2	2	3	2
C O2	3	2	2	2	3	2	2	2	2	2	3	2	2	3	2
C O3	3	3	2	2	3	2	2	2	2	2	2	2	2	3	2
C O4	3	3	3	2	3	2	2	2	2	3	2	2	2	3	2
C O5	3	3	3	2	3	2	2	2	2	3	2	2	2	3	2
C O6	3	3	3	2	3	2	2	2	2	3	2	2	2	3	2
C O7	3	3	3	2	3	2	2	2	2	3	2	2	2	3	2

Justification for the Mapping

PO1: Fundamental Knowledge and Coherent Understanding

CO1: Explains statutory provisions related to cost accounting records under Section 148 of Companies Act, 2013.

CO2: Describes appointment, rights and duties of Cost Auditor.

CO3: Explains meaning and features of service (operating) costing.

CO4: Identifies simple and composite cost units in service organizations.

CO5: Explains concepts and features of Standard Costing.

CO6: Describes types of standards and material standard setting.

CO7: Explains material variance concepts and causes.

PO2: Procedural Knowledge for Skill Enhancement

CO1: Maintains and verifies cost records in compliance with statutory provisions.

CO2: Performs procedures relating to cost auditor responsibilities.

CO3: Applies service costing techniques.

CO4: Uses appropriate cost units in practical scenarios.

CO5: Applies standard costing methods for cost comparison.

CO6: Sets material standards using systematic procedures.

CO7: Calculates material variances using appropriate formulas.

PO3: Critical Thinking and Problem-Solving Skills

- CO1: Identifies compliance issues in cost record maintenance.
- CO2: Resolves issues relating to cost audit responsibilities.
- CO3: Analyzes cost behavior in service industries.
- CO4: Evaluates selection of suitable cost units.
- CO5: Differentiates standard costing from other cost control methods.
- CO6: Analyzes impact of material standards on cost control.
- CO7: Interprets material variance results and suggests corrective measures.

PO4: Communication Skills

- CO1: Explains statutory provisions clearly in written and oral form.
- CO2: Communicates cost auditor roles effectively.
- CO3: Explains service costing procedures clearly.
- CO4: Presents cost unit calculations systematically.
- CO5: Communicates advantages and limitations of standard costing.
- CO6: Explains material standard setting procedures clearly.
- CO7: Presents material variance analysis and findings effectively.

PO5: Analytical Reasoning Skills

- CO1: Analyzes compliance with legal cost accounting provisions.
- CO2: Evaluates auditor responsibilities in cost control.
- CO3: Analyzes service cost components for efficiency.
- CO4: Evaluates cost unit selection logically.
- CO5: Compares standard cost with actual cost for deviation analysis.
- CO6: Evaluates material standards for cost efficiency.
- CO7: Performs detailed material variance analysis for managerial decisions.

PO6: Innovation, Employability, and Entrepreneurial Skills

- CO1: Suggests improvements in cost record maintenance.
- CO2: Improves compliance and cost monitoring processes.
- CO3: Applies service costing in small and medium enterprises.
- CO4: Uses cost units for better service pricing decisions.
- CO5: Applies standard costing in organizational planning.
- CO6: Uses standards to enhance material cost efficiency.
- CO7: Uses material variance analysis to design cost-saving strategies.

PO7: Multidisciplinary Competence

- CO1: Links cost records with accounting, law and management.
- CO2: Integrates audit responsibilities with organizational systems.
- CO3: Connects service costing with operations management.
- CO4: Links cost units with pricing and financial planning.
- CO5: Relates standard costing with budgeting and performance control.
- CO6: Connects material standards with procurement and production.
- CO7: Uses material variance analysis for cross-functional decision-making.

PO8: Value Inculcation through Community Engagement

- CO1: Promotes ethical maintenance of cost records.
- CO2: Encourages transparency in cost audit responsibilities.
- CO3: Promotes fairness in service costing practices.
- CO4: Encourages responsible cost allocation.
- CO5: Supports accountability in standard costing implementation.
- CO6: Promotes responsible cost control practices.
- CO7: Encourages ethical reporting of material variances.

PO9: Traditional Knowledge into Modern Application

- CO1: Applies traditional cost accounting principles within modern legal framework.
- CO2: Uses classical audit principles under contemporary compliance standards.
- CO3: Applies traditional service costing in modern service industries.
- CO4: Combines classical cost unit concepts with structured analysis.
- CO5: Applies classical standard costing methods in modern organizations.
- CO6: Uses traditional cost control concepts in material standard setting.
- CO7: Applies material variance analysis using established cost accounting principles.

PO10: Design and Development of System

- CO1: Designs cost record-keeping frameworks for compliance.
- CO2: Develops structured systems for cost audit responsibilities.
- CO3: Designs service costing structures for cost calculation.
- CO4: Develops cost unit frameworks for service operations.
- CO5: Designs standard costing systems for performance evaluation.
- CO6: Develops material standard frameworks for control.
- CO7: Designs material variance monitoring systems for decision support.

PO11: Ethical and Social Responsibility

- CO1: Ensures compliance with legal and ethical requirements.
- CO2: Promotes integrity in cost audit functions.
- CO3: Encourages responsible cost allocation in services.
- CO4: Ensures fairness in cost unit determination.
- CO5: Supports ethical implementation of cost control systems.
- CO6: Promotes responsible standard setting.
- CO7: Encourages honest interpretation of material variances.

PO12: Research-Related Skills

- CO1: Studies statutory provisions and compliance practices.
- CO2: Investigates cost audit responsibilities.
- CO3: Analyzes service costing applications.
- CO4: Evaluates cost unit effectiveness.
- CO5: Examines implementation of standard costing systems.

CO6: Analyzes material standard practices.

CO7: Studies material variance patterns and causes.

PO13: Teamwork

CO1: Works collaboratively on cost record maintenance.

CO2: Participates in group discussions on cost audit.

CO3: Collaborates in service costing exercises.

CO4: Works in teams for cost unit selection tasks.

CO5: Collaborates on standard costing calculations.

CO6: Participates in material standard setting exercises.

CO7: Works in teams to analyze material variances.

PO14: Area-Specific Expertise

CO1: Gains expertise in statutory cost accounting compliance.

CO2: Develops knowledge of cost audit practices.

CO3: Develops skill in service costing techniques.

CO4: Gains expertise in cost unit application.

CO5: Demonstrates mastery in standard costing.

CO6: Develops expertise in material standard setting.

CO7: Gains specialization in material variance analysis.

PO15: Environmental Awareness

CO1: Recognizes environmental aspects in cost record systems.

CO2: Encourages responsible audit practices.

CO3: Promotes efficient resource use in service costing.

CO4: Supports sustainable cost allocation methods.

CO5: Integrates sustainability in standard costing decisions.

CO6: Considers resource optimization in material standards.

CO7: Evaluates material usage with attention to sustainability.