

GROUP 4: COST AND MANAGEMENT ACCOUNTING

Course Code	COPIMN104				
Course Title	ESSENTIALS OF COST ACCOUNTING				
Type of Course	MINOR				
Semester	I				
Academic Level	100-199				
Course Details	Credit	Lecture per week	Tutorial per week	Practical per week	Total Hours
	4	3		2	75

Pre-requisites	A basic understanding about various fundamental accounting principles, accounting equation, double-entry accounting etc.
Course Summary	This course intends students to engage in practical exercises, case studies, and discussions to apply cost accounting concepts to real-world scenarios. The goal is to equip students with the knowledge and skills needed to analyze, manage, and make informed decisions related to costs within an organizational context

Course Outcomes (CO):

CO	CO Statement	Cognitive Level*	Knowledge Category#	Evaluation Tools used
CO1	Gain comprehensive understanding of fundamental concepts and techniques employed in cost accounting.	U	C	Instructor-created exams / Quiz Assignments
CO2	Learner shows skill to evaluate, control and manage cost of a product or service efficiently.	An	P	Assignment Project Examination
CO3	Build a strong foundation on theories and principles relating to cost accounting	An	P	Assignment Examination
CO4	Creating an ability to communicate and present cost statement.	Ap	P	Project Case study Examination
* - Remember (R), Understand (U), Apply (Ap), Analyse (An), Evaluate (E), Create (C) # - Factual Knowledge(F) Conceptual Knowledge (C) Procedural Knowledge (P) Metacognitive Knowledge (M)				

Detailed Syllabus:

Module	Unit	Content	Hrs
I	Introduction to Cost Accounting		10
	1	Definition, Objectives, and Scope of Cost Accounting	2
	2	Differentiate between cost accounting and financial accounting	1
	3	Classification of Costs-Explore the various types of costs, such as fixed costs, variable costs, direct costs, and indirect costs.	2
	4	Methods and Techniques of Costing-job costing, process costing, and activity-based costing, along with relevant techniques.	2
	5	Cost Centre and Cost Unit-Define cost centers and cost units and their significance in cost determination.	1

	6	Installation of Costing System and Cost Accounting Standards-steps involved in setting up a costing system-an overview of cost accounting standards.	2
II	Accounting and control of material cost		11
	7	Material Cost: Various Concepts to material costs, including procurement, storage, and usage.	2
	8	Methods of Pricing Issue of Materials-ABC analysis, VED analysis, FSN analysis, JIT system, and inventory control systems.	2
	9	Material purchase procedure	1
	10	Stores Management-principles of effective stores management, including layout, handling, and security.	2
	11	Stock Level Determinations and Economic Order Quantity (EOQ)-techniques for determining optimal stock levels and EOQ model.	2
	12	Materials Losses and Accounting Treatment-causes of material losses and learn how to account for them appropriately.	2
III	Accounting and Control of Labour Cost		11
	13	Labour Cost: Timekeeping and Time Booking	2
	14	Systems of Wage Paymen- different wage payment systems, including time-based, piece-rate, and incentive-based.	2
	15	Incentive Plans and Idle Time- incentive schemes and strategies to minimize idle time and enhance productivity.	2
	16	Overtime and its Accounting Treatment	3
	17	Labour Turnover and Learning Curve	2
IV	Accounting for overheads and cost sheet		13
	18	Overheads: Classification-Classify overhead costs based on their nature, behavior, and allocation.	2
	19	Departmentalization, Allocation, and Apportionment	2
	20	Absorption and Determination of Overhead Rates	2
	21	Under/Over Absorption and Accounting Treatment	2
	22	Cost Sheet and Unit Costing-Prepare cost sheets using unit costing methodology and understand various concepts related to cost sheets	5
V	Open Ended module. Practical		30
	1	Case Studies: Present case studies based on real-world scenarios where students need to apply cost accounting principles to solve problems.	
	2	Group Projects: Assign group projects that involve analyzing the cost structure of a real company.	
	3	Industry Visits: Organize field trips to companies that have strong cost accounting practices and allow students to observe how cost accounting principles are implemented in a real-world business setting.	

4	Industry-Specific Costing Projects: Assign projects that focus on cost accounting practices in specific industries
5	Excel-based Cost Analysis: Conduct spread sheet-based workshops where students use spreadsheets to perform cost analyses.
6	Role-Playing Exercises: Create role-playing scenarios where students take on the roles of cost accountants

References

1. Jain & Narang : Cost Accounting
2. Nigam & Sharma : Cost Accounting
3. Khanna Pandey & Ahuja : Cost Accounting
4. M.L Agarwal : Cost Accounting
5. N.K. Prasad : Cost Accounting
6. S.P. Iyengar: Cost Accounting
7. S.N. Maheswari : Cost Accounting