

INMDM1003: Principles of Accounting		
Teaching: Scheme	Examination Scheme	
Lectures:02hrs/week	ISEI	10 Marks
Credits:2	ISEII	10Marks
	ESE	30 Marks

Course description: This course aims to provide engineering students with a foundational understanding of accounting principles. It covers essential topics such as financial statements, accounting cycles, and the basics of managerial accounting, emphasizing practical applications in engineering contexts.

Course Objectives:

- To introduce students to the fundamental concepts of accounting.
- To develop the ability to prepare and interpret financial statements.

Course Outcomes

After completing the course, students will be able to:

CO1	Understand and apply the basic principles of accounting.
CO2	Prepare and analyze financial statements.
CO3	Use accounting information for managerial decision-making.

Detailed Syllabus:

Course Contents:

Unit 1	<p>Introduction to Accounting</p> <ul style="list-style-type: none"> - Definition and importance of accounting - Users of accounting information - Accounting principles and concepts - The accounting equation - Practical: Case studies on the role of accounting in engineering projects
Unit 2	<p>Financial Statements</p> <ul style="list-style-type: none"> - Overview of financial statements: Balance Sheet, Income Statement, Cash Flow Statement - Preparation and analysis of financial statements

	- Practical: Preparation of financial statements for a hypothetical engineering firm
Unit 3	Accounting Cycle and Managerial Accounting <ul style="list-style-type: none"> - Steps in the accounting cycle: Journalizing, Posting, Trial Balance, Adjustments, and Closing Entries - Difference between financial and managerial accounting - Budgeting and variance analysis - Practical: Hands-on exercises to complete the accounting cycle for a sample business and budget preparation for a project

Text and Reference Books

1. Horngren, Charles T., and Harrison, Walter T. "Accounting." Pearson Education, 2013.
2. Weygandt, Jerry J., Kimmel, Paul D., and Kieso, Donald E. "Financial Accounting." Wiley, 2015.
3. Drury, Colin. "Management and Cost Accounting." Cengage Learning, 2015.
4. Williams, Jan, Haka, Susan, Bettner, Mark, and Carcello, Joseph. "Financial and Managerial Accounting." McGraw-Hill Education, 2018.

Assessment:

ISEI:	Shall be based on Class Tests/ Assignments/Quizzes/Field visits/Presentations/ Course Projects
ISEII:	Shall be based on class test.

Mapping of Course outcome With Program Outcomes

Course Outcome	PO I	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	POI 0	POI I	POI 2	PSO I	PSO 2	PSO 3
COI										1		1			
CO2										1		1			
CO3										1		1			

Assessment Pattern

Assessment Pattern Level No.	Knowledge Level	ISE1	ISEII	ESE
K1	Remember	05	-	10
K2	Understand	05	05	10
K3	Apply	-	05	10
K4	Analyze	-	-	-
KS	Evaluate	-	-	-
K6	Create	-	-	-
Total Mars 50		10	10	30

Assessment table

Assessment Tool	K2	K2	K2
	CO1	CO2	CO3
ISE I (10Marks)	05	05	-
ISE II (10Marks)	-	05	05
ESE (30Marks)	10	10	10