



**National Institute of Technology Meghalaya**

An Institute of National Importance

## CURRICULUM

Programme	<b>Bachelor of Technology</b>
-----------	-------------------------------

Year of Implementation

2024-25

Department	<b>Humanities and Social Sciences</b>
------------	---------------------------------------

Semester

VI

Course Code	Course Name	Prerequisite	Credit Structure				Marks Distribution			
			L	T	P	C	INT	MID	END	Total
			2	0	0	2	50	50	100	200

HS373	Accounting and Financial Methods	Nil	COs	Statement	Bloom's Taxonomy
-------	----------------------------------	-----	-----	-----------	------------------

Course Objectives	This course introduces the concepts of accounting principles	Course Outcomes	HS373.1	Describe the basics of accounting and to identify events that need to be recorded in the accounting records.	Understand
	This course familiarizes financial statements		HS373.2	Analyze financial statements effectively	Analyze
	This course familiarizes financial management		HS373.3	Apply the concept of financial management	Apply
	This course explains cost analysis techniques and capital budgeting		HS373.4	Explain and use important cost analysis techniques and capital budgeting techniques in project evaluation	Apply

COs	Mapping with Program Outcomes (POs)												Mapping with PSOs		
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
HS373.1	-	1	-	-	-	1	-	1	-	-	3	2			
HS373.2	-	1	-	-	-	1	-	1	-	-	3	2			
HS373.3	-	1	-	-	-	1	-	1	-	-	3	2			
HS373.4	-	1	-	-	-	1	-	1	-	-	3	2			
HS373	-	1.0	-	-	-	1.0	-	1.0	-	-	3.0	2.0			

## SYLLABUS

No.	Content	Hours	COs
I	Accounting principles; Types of accounting; Concepts and conventions of accounting; Double entry system of accounting; Basis books of accounts of sole proprietary concern; Preparation of journal, ledger and trial balance	06	HS373.1
II	Trading account; Profit and loss account; Balance sheet of sole proprietor concern; Manufacturing accounts of partnership firms, Limited company; Fund; Fund flow; Preparation and interpretation of fund flow statement; Meaning, preparation and interpretation of the cash flow statement; Working capital management	09	HS373.2
III	Goals of financial management; Key activities in financial management; Meaning of ratios; Types of ratios; Advantages and limitations of ratios	04	HS373.3
IV	Break even analysis, Uses and limitations of break even analysis, Construction of break even chart, Marginal costing; Practical application of marginal costing; Capital budgeting; Pay back period; Accounting rate of return (ARR); Net present value (NPV); Internal rate of return (IRR)	09	HS373.4
Total Hours		<b>28</b>	

## Essential Readings

- 
1. T. S. Grewal, *Introduction to Accountancy*, S. Chand and Company (P) Ltd., 2016.
  2. M. Y. Khan & P. K. Jain, *Financial Management: Text, Problems and Cases*, McGraw Hill Education, 6<sup>th</sup> edition, 2011.

## Supplementary Readings

1. Mukherjee and Hanif, *Modern Accountancy*, Tata McGraw Hill and Co. Ltd., 2nd edition, 2017.
2. Jennifer Francis, et al., *Financial Accounting: An Introduction to Concepts, Methods and Uses*, Cengage Learning, International edition, 2012.