

SYLLABUS OF CC- USE OF AI IN MANAGEMENT ACCOUNTING

(T.Y.B.COM. SEM.-5 A.Y.2025-26)

	Resource Person:
	Dr. Mayur K. Joshi
	M.Com., M.Phil., Ph.D., GSET
	Experience: 17 years
Course Objective:	<ol style="list-style-type: none"> 1. Understand the role of AI in Management Accounting. 2. Learn AI tools applicable for Budgeting and Cost Analysis. 3. Assessing AI-driven insights for decision-making 4. Address ethical considerations and data security issues while using AI tools in accounting.
Expected Outcome:	Student will understand how to use AI in Management Accounting.
Evaluation Method:	MCQ
COURSE CONTENT	
Unit-1:	Introduction to AI in Management Accountancy Overview of AI and natural language processing (NLP) Role of AI in accounting and finance Difference between traditional accounting and AI-driven accounting Benefits and challenges of AI in Management Accounting
Unit-2:	Use AI tools for Budgeting and Cost Analysis Using AI for prepare Budgets and forecasts Assisting with cost analysis, cost control and break-even analysis
Unit-3:	Financial Analysis and Decision-Making Support Utilizing AI for financial analysis Preparing reports for management with AI Assessing AI-driven insights for decision-making
Unit-4:	Module 4: Challenges, Risks, and Best Practices Identifying and mitigating errors in AI-generated outputs Maintaining compliance and regulatory standards Case studies: Successful integration of AI in accounting

Reference Books:

Reference Books:	<ol style="list-style-type: none">1. Artificial Intelligence in Accounting and Auditing towards New Paradigms, Volume – 42. Management Accounting And Financial Control – Dr.S.N.Maheshwari
-------------------------	--