UCCC & SPBCBA & SDHGC BCA & IT

S.Y.B.Com. & M.com. (Semester 3)

Use of AI in Cost Accounting.

Syllabus: Internal Test 2026

Unit–1: Introduction to Cost Accounting & AI

- Overview of Cost Accounting: Definitions, importance, and types of costs (fixed, variable, and semi-variable).
- Key Cost Accounting methods: Job Costing, Process Costing, etc.
- Introduction to AI: Basics of AI and AI tools in Finance.
- Understanding how AI can be integrated into Cost Accounting processes.

Unit–2: AI and Various Costing Methods

- Use of AI in various methods of Costing.
- Practical examples of using AI in various methods of Costing.

Unit–3: Cost Allocation and Distribution Using AI

- How AI can automate cost allocation across departments, products, or services.
- Practical examples of using AI for cost distribution.

Unit–4: Variance Analysis Using AI

- Introduction to Variance Analysis: Analysing Material and Labour Variances.
- Automating variance calculation and reporting with AI.
- Using AI to interpret variance reports and generate actionable insights.

Unit–5: Case Studies

- Real-world Case Studies: Successful application of AI in Cost Accounting across industries.