

Mahatma Education Society's  
**Pillai HOC College of Arts, Science & Commerce**  
**(Autonomous)**

Affiliated to University of Mumbai

NAAC Accredited with "A+" Grade in cycle II  
ISO 9001:2015 Certified



## **SYLLABUS**

**B. Com (Accounting & Finance)**  
**F. Y. B. Com (Accounting & Finance)**

**As per National Education Policy 2020**

**Academic Year 2026-27**



Mahatma Education Society's

College Code: 870

**PILLAI HOC COLLEGE OF ARTS, SCIENCE & COMMERCE**

Pillai HOCL Educational Campus, HOC Colony, Rasayani, Via. Panvel, Dist. Raigad. Pin 410207

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(NAAC Accredited 'A+' Grade , CGPA - 3.26 in Cycle 2 & ISO 9001:2015 Certified)

*Affiliated to the University of Mumbai, Approved by Government of Maharashtra*  
(AUTONOMOUS COLLEGE)

Sr.No.	Name	Designation	Signature
1	Ms. Arushi Dube	Head of the Department of B.Com (Accounting & Finance)	
2	Dr. Rinkoo Shantnu	Principal	
3	Mr. Binit Kumar	Vice -Principal	
4	Ms. Paulami Rao	Member	
5	Ms. Annto Anisha	Member	
6	Ms. Chitra Kumari	Member	
7	Ms. Sharadha Kadam	Member	
8	Dr. Arvind Dhond	Vice Chancellor Nominee	
9	Dr. Kaustubh Sontakke	Subject Expert	
10	Dr. Satvinder Kaur Dhanjal	Subject Expert	
11	Ms. Nimisha Unnithan	Industry Representative	
12	Ms. Arushi Sharma	Alumni Representative	

## 1. Introduction

The **Bachelor of Commerce in Accounting & Finance (B.Com. A&F)** is a premier three-year, full-time undergraduate degree program designed for students aspiring to build a successful career in the dynamic fields of accountancy, taxation, and financial management. Commenced in **2017**, this program is offered under the autonomous framework of **Pillai College of Arts, Commerce and Science (Autonomous)**.

This specialized program is distinct from a traditional B.Com. as it is premised on developing **application-oriented, analytical, and problem-solving skills**. The curriculum is rigorously structured to be industry-relevant and is regularly updated under our autonomous status to align with the latest market demands and professional standards.

### Key Program Highlights

The B.Com. A&F is engineered to provide students with a deep, practical understanding across critical domains:

- **Core Expertise:** Gain in-depth knowledge in Financial Accounting, Cost Accounting, Auditing, Direct & Indirect Taxation, and Corporate Financial Management.
- **Skill Development:** Emphasis is placed on practical skill acquisition through case studies, industrial visits, project work, and specialized workshops, ensuring graduates are **industry-ready professionals**.
- **Autonomous Advantage:** As an Autonomous College, we offer a contemporary curriculum, fostering intellectual rigor and global competence to prepare students for professional qualifications and diverse career paths.

This degree serves as an excellent foundation for pursuing further professional certifications like CA, CS, CMA, and advanced degrees in Finance and Commerce.

### Programme Outcomes (POs)

PO No.	PO Title	POs in brief
PO1	Fundamental Knowledge Acquisition	Graduates will demonstrate a comprehensive and foundational knowledge of their chosen discipline along with an awareness of interdisciplinary connections.
PO2	Critical Thinking and Analytical Reasoning	Graduates will be able to analyse complex problems, synthesize data from multiple sources (qualitative and quantitative), and employ logical reasoning to formulate well-supported conclusions and arguments.
PO3	Effective Communication	Graduates will exhibit proficiency in both written and oral communication, articulating ideas clearly, persuasively, and ethically to diverse audiences
PO4	Problem Solving	Graduates will possess the ability to identify, formulate, and design solutions for real-world problems in their professional or social contexts, applying relevant theoretical knowledge and practical skills.
PO5	Information and Digital Literacy	Graduates will demonstrate the capability to locate, evaluate, and effectively use information from various sources, and utilize modern tools and Information and Communication Technology (ICT) for professional and academic tasks.
PO6	Research Skills and Scientific Temperament	Graduates will develop a sense of inquiry and research methodology, including the ability to design experiments (where applicable), collect and analyse data, and interpret results while maintaining scientific rigor and intellectual honesty.
PO7	Ethical Reasoning and Professional Integrity	Graduates will recognize ethical dilemmas, commit to professional and academic ethics, and demonstrate an understanding of moral and social responsibilities in their personal and professional conduct.
PO8	Employability and Professional Skills	Graduates will acquire the necessary job-ready skills, managerial competencies, and professional values to secure gainful employment or pursue advanced education in their respective fields.
PO9	Environmental and Sustainability Consciousness	Graduates will understand the importance of environmental conservation and sustainable development, displaying responsibility toward ecological challenges and advocating for healthy environmental practices.
PO10	Life-Long Learning	Graduates will develop the capacity for independent and self-directed learning to continuously upgrade their knowledge and skills, enabling them to adapt to rapid technological and societal changes.
PO11	Civic and Social Responsibility	Graduates will act as responsible citizens with an informed awareness of constitutional values, engaging proactively in community development and addressing social needs.
PO12	Empathy and Social Intelligence	Graduates will be able to cultivate and demonstrate affective, interpersonal, social and emotional intelligence.

### Programme Specific Outcomes (PSOs)

PSO. No.	PSO Title	PSO's in brief
PSO1	<b>Foundational Domain Mastery</b>	Demonstrate a <b>comprehensive mastery</b> of core principles in <b>Financial, Cost, and Management Accounting</b> , alongside a robust understanding of <b>Financial Management, Taxation, and Auditing</b> to serve as a strong base for professional practice.
PSO2	<b>Analytical &amp; Technological Proficiency</b>	Cultivate advanced <b>analytical and problem-solving skills</b> to interpret complex financial data, and effectively utilize <b>modern digital tools and accounting software</b> for informed business and strategic decision-making.
PSO3	<b>Ethical Leadership &amp; Professional Conduct</b>	Exhibit high standards of <b>professional ethics, integrity, and social responsibility</b> , coupled with strong communication and teamwork skills essential for navigating the corporate environment and promoting <b>sustainable business practices</b> .
PSO4	<b>Global Career &amp; Research Readiness</b>	Be thoroughly prepared for <b>diverse career opportunities</b> in accounting, finance, and entrepreneurship, while possessing the necessary <b>research orientation</b> for pursuing advanced academic studies and professional certifications.

### Evaluation Pattern

Marking Code	Marking Scheme
<b>A</b>	50 Marks Semester End Exam, 50 Marks Continuous Assessment (distributed within 15 Marks Class Test, 15 Marks Presentation & Assignment, 10 Marks Online Quiz, 10 Marks Attendance & Class Participation)
<b>B</b>	50 Marks Semester End Exam
<b>C</b>	100 marks Continuous Assessment (distributed within 30 Marks Class Test, 30 Marks Presentation & Assignment, 30 Marks Online Quiz, 10 Attendance & Class Participation)
<b>D</b>	50 Marks of Continuous Assessment (distributed within 15 Marks Class Test, 15 Marks Presentation & Assignment, 10 Marks Online Quiz, 10 Marks Attendance & Class Participation)
<b>E</b>	50 Marks Practical Examination (distributed within 30 Marks Practical Module 1 & 2, 10 Marks Journal, 10 Marks Viva)

## Course Structure

Semester I							
Course Code	Course Type	Course Title	Theory/ Practical	Marks	Credits	Hours/ Week	Evaluation Pattern
HUCAF101	Core 1	Financial Accounting I	Theory	100	3	3	A
HUCAF102	Core 2	Auditing-I	Theory	100	3	3	A
HUCAF103	Minor	Preparation Of Financial Budgets	Theory & Practical	100	3	3	A
HUCAF104	SEC	Introduction To Financial Functions	Theory & Practical	100	3	3	A
HUCAF105	IKS	Indian Knowledge System Series In Accounting & Finance	Theory	50	2	2	C
HUAEC101	AEC	Communication Skills In English	Theory	50	2	2	C
HUVEC101	VEC	Fundamentals Of Social & Emotional Skills	Theory	100	3	3	B
HUOE103	OE	Business Mathematics	Theory	100	3	3	B
<b>Total</b>				<b>700</b>	<b>22</b>	<b>22</b>	<b>**</b>
All Subjects having Field Project as part of Continuous Assessment-2							

### Abbreviations:

**SEC: Skill Enhancement Course**

**AEC: Ability Enhancement Course**

**VAC: Value Added Course**

**IKS: Indian Knowledge System**

**OE: Open Elective**

# **SEMESTER I**

<b>BOS</b>	<b>Commerce &amp; Management</b>				
<b>Course</b>	<b>Financial Accounting I</b>				
<b>Course Code</b>	<b>HUCAF101</b>	<b>Level</b>	<b>4.5</b>		
		<b>Type</b>	<b>Theory</b>	<b>Practical</b>	<b>Total</b>
<b>Semester</b>	<b>I</b>	<b>Credits</b>	<b>30</b>	<b>-</b>	<b>03</b>
<b>Type</b>	<b>MAJOR</b>	<b>No of Teaching hours</b>	<b>45</b>	<b>-</b>	<b>45</b>
<b>Evaluation/ Assessment</b>	<b>Total Marks</b>	<b>Semester End</b>	<b>Continuous</b>	<b>Practical</b>	
	<b>100</b>	<b>50</b>	<b>50</b>	<b>-</b>	

<b>Learning Objectives</b>	
<b>1</b>	Learner will be able to identify, summarize, distinguish the purpose of policies of different accounting standards
<b>2</b>	Learners will be able to calculate the profit/loss of the manufacturing firm and prepare its final accounts.
<b>3</b>	Learners will be able to figure out the impact of inter-departmental transfers and prepare the final accounts of the departmental store.

<b>Course Outcomes</b>	
<b>CO1</b>	Learners will understand different accounting standards and its practical application
<b>CO2</b>	Learners will learn to prepare the final accounts of a proprietary manufacturing concern
<b>CO3</b>	Learners will understand to employ the principles of departmental accounting involving expenses and interdepartmental transactions while preparing the final accounts of the departmental store

#### **Modules At Glance**

<b>Module No.</b>	<b>Content</b>	<b>No. of Hours</b>	<b>Mapping with CO</b>
1	Accounting Standards and Inventory Valuation	15	CO 1
2	Final Accounts of a Manufacturing companies	15	CO 2
3	Departmental Final Accounts	15	CO 3
		45	

### Syllabus

Module No.	Content	No. of Lecture
1	Accounting Standards : Concepts , benefits AS 1 Disclosure of Accounting Policies : Purpose , area of policies , disclosure of policies and disclosure of change in policies AS 2 Valuation of stock (inventories) Meaning definition , applicability , disclosure in final accounts Valuation : Meaning and importance , inventory system Methods of stock valuation as per AS 2 FIFO and Weighted Average Method(Practicals). AS 9 Revenue recognition Meaning , Scope , Transactions excluded , effects of uncertainties ,Disclosure Income and Expenditure : Capital and Revenue(Practicals)	15
2	Final Accounts of a Manufacturing Company Proforma of Manufacturing account and Trading account Adjustment and Closing entries	15
3	Departmental Accounts Meaning Basis of allocation of Income and Expenses Interdepartmental Transfer At Cost Price Departmental Trading and Profit and loss account And Balance Sheet	15
<b>Case Study Scenario</b>		
M1	M/s Sunrise Traders has two departments: Electronics and Furniture. The following information is extracted for the year ending 31st March 2025: Purchases: Electronics ₹1,20,000; Furniture ₹80,000 Closing Stock: Electronics ₹30,000; Furniture ₹20,000 Sales: Electronics ₹1,80,000; Furniture ₹1,20,000 Expenses: Salaries ₹24,000 (to be apportioned in 2:1 ratio), Rent ₹12,000 (apportioned equally) Required: Prepare the Departmental Trading and Profit & Loss Account and find out the profit of each department.	
M2	What will be the Cost of Raw Material Consumed for the following data <ul style="list-style-type: none"> <li>● Opening Stock of RM: ₹1,20,000</li> <li>● Purchases: ₹4,50,000</li> <li>● Purchase Return: ₹30,000 →</li> <li>● Carriage Inward: ₹25,000</li> </ul> Less: Closing Stock RM: ₹1,00,000	

### References Books

1. Introduction to Accountancy by T. S. Grewal, S. Chand and Company (P) Ltd., New Delhi Advance Accounts by Shukla & Grewal, S. Chand and Company (P) Ltd., New Delhi

2. Financial Accounting by M. Mukherjee.M. Hanif. Tata McGraw Hill Education Private Ltd; New Delhi
3. Financial Accounting by P.C. Tulsian, Pearson Publications, New Delhi
4. Advanced Accountancy by R. L Gupta and M Radhaswamy, S. Chand and Company (P) Ltd., New Delhi

**Semester End Evaluation (50 Marks)**

**Time: 2 Hr**

**Paper Pattern**

<b>Question No</b>	<b>Questions</b>	<b>Total Marks: 50</b>
Q1	A OR B	<b>15</b>
Q2	A OR B	<b>15</b>
Q3	A OR B	<b>15</b>
Q4	Case study	<b>05</b>

<b>BOS</b>	<b>Commerce &amp; Management</b>				
<b>Course</b>	<b>Auditing- I</b>				
<b>Course Code</b>	<b>HUCAF102</b>	<b>Level</b>	<b>4.5</b>		
		<b>Type</b>	<b>Theory</b>	<b>Practical</b>	<b>Total</b>
<b>Semester</b>	<b>I</b>	<b>Credits</b>	03	-	03
<b>Type</b>	<b>MAJOR</b>	<b>No of Teaching hours</b>	45	-	45
<b>Evaluation/ Assessment</b>	<b>Total Marks</b>	<b>Semester End</b>	<b>Continuous</b>	<b>Practical</b>	
	<b>100</b>	<b>50</b>	<b>50</b>	<b>-</b>	

<b>Learning Objectives</b>	
<b>1</b>	Learners will be able understand the meaning, need for, importance, types of auditing and distinguish between errors and frauds.
<b>2</b>	Learners will be understanding how an auditor should plan an audit, conduct audit procedures, and prepare documentation required as per SA 230.
<b>3</b>	Learners will be able to assess internal Control, Internal Check and determine the audit technique.

<b>Course Outcomes</b>	
<b>CO1</b>	To introduce basics of auditing, principles of auditing, types of audits and types of errors and frauds.
<b>CO2</b>	To enable learners to plan the audit, know the procedures required to conduct an audit and maintenance of required documentation as per SA for audit evidence.
<b>CO3</b>	To examine the internal controls, internal checks basics of a continual improvement process and determine the audit technique, assess the ledger and interpret the transaction.

#### **Modules At Glance**

<b>Module No.</b>	<b>Content</b>	<b>No. of Hours</b>	<b>Mapping with CO</b>
1	Accounting Standards and Inventory Valuation	15	CO 1
2	Final Accounts of a Manufacturing companies	15	CO 2
3	Departmental Final Accounts	15	CO 3
		45	

### Syllabus

Module No.	Content	No. of Lectures
1	Accounting Standards : Concepts , benefits AS 1 Disclosure of Accounting Policies : Purpose , area of policies , disclosure of policies and disclosure of change in policies AS 2 Valuation of stock (inventories) Meaning definition , applicability , disclosure in final accounts Valuation : Meaning and importance , inventory system Methods of stock valuation as per AS 2 FIFO and Weighted Average Method(Practicals). AS 9 Revenue recognition Meaning , Scope , Transactions excluded , effects of uncertainties ,Disclosure Income and Expenditure : Capital and Revenue(Practicals)	15
2	Final Accounts of a Manufacturing Company Proforma of Manufacturing account and Trading account Adjustment and Closing entries	15
3	Departmental Accounts Meaning Basis of allocation of Income and Expenses Interdepartmental Transfer At Cost Price Departmental Trading and Profit and loss account And Balance Sheet	15
<b>Case Study Scenario</b>		
M1	ABC Traders is a small business whose accounts were audited for the year ended 31 March 2025. During the audit, the auditor found that cash sales were not properly supported by bills and stock records were not regularly maintained. One debtor balance was outstanding for more than two years without confirmation. It was also noticed that the same person handled cash and recorded transactions, showing weak internal control. The auditor needs to verify records carefully and report the weaknesses in the audit report.	
M2	XYZ Manufacturing Ltd. was audited for the year ended 31 March 2025. During the audit, the auditor observed that purchase invoices were missing for some transactions and inventory records were inaccurate. Salary payments were made without proper authorization, increasing the risk of fraud. Bank reconciliation statements were not prepared regularly. The auditor must examine supporting documents and report the deficiencies in internal control.	

**References Books:**

1. Introduction to Accountancy by T. S. Grewal, S. Chand and Company (P) Ltd., New Delhi Advance Accounts by Shukla & Grewal, S. Chand and Company (P) Ltd., New Delhi
2. Financial Accounting by M. Mukherjee.M. Hanif. Tata McGraw Hill Education Private Ltd; New Delhi
3. Financial Accounting by P.C. Tulsian, Pearson Publications, New Delhi
4. Advanced Accountancy by R. L Gupta and M Radhaswamy, S. Chand and Company (P) Ltd., New Delhi

**Semester End Evaluation (50 Marks)****Time: 2 Hr****Paper Pattern**

<b>Question No</b>	<b>Questions</b>	<b>Total Marks: 50</b>
Q1	A OR B	<b>15</b>
Q2	A OR B	<b>15</b>
Q3	A OR B	<b>15</b>
Q4	Case study	<b>05</b>

<b>BOS</b>	<b>Commerce &amp; Management</b>				
<b>Course</b>	<b>Preparation of Financial Budgets</b>				
<b>Course Code</b>	<b>HUCAF103</b>	<b>Level</b>	<b>4.5</b>		
		<b>Type</b>	<b>Theory</b>	<b>Practical</b>	<b>Total</b>
<b>Semester</b>	<b>I</b>	<b>Credits</b>	03	-	03
<b>Type</b>	<b>Minor</b>	<b>No of Teaching hours</b>	<b>45</b>	-	<b>45</b>
<b>Evaluation/ Assessment</b>	<b>Total Marks</b>	<b>Semester End</b>	<b>Continuous</b>	<b>Practical</b>	
	<b>50</b>	-	<b>50</b>	-	

<b>Learning Objectives</b>	
1	Develop a thorough understanding of the components of a financial budget including income, expenses, cash flow, and capital expenditures.
2	Understand the role of data visualization in business and analysis, identify appropriate chart types for different data sets and use Excel tools (charts, conditional formatting, dashboards) for effective presentation.
3	Navigate the Tally interface and manage company data and enter financial transactions using various vouchers.

<b>Course Outcomes</b>	
CO1	Design dynamic and flexible budget templates in Excel using formulas and functions
CO2	Convert raw data into understandable formats for decision-making and communicate business insights clearly through visuals.
CO3	Perform reconciliation, reporting, and basic financial analysis and support business decisions through accurate accounting records in Tally.

#### **Modules At Glance**

<b>Module No.</b>	<b>Content</b>	<b>No. of Hours</b>	<b>Mapping with CO</b>
1	Preparation of Financial Budget in Excel	15	CO1
2	Data Visualization	15	CO2
3	Tally ERP 9	15	CO3
		45	

## Syllabus

Module No.	Content	No. of Lecture
1	<p><b>Preparation of Financial Budget in Excel</b></p> <p><b>I. Introduction to Financial Budgeting</b></p> <ul style="list-style-type: none"> <li>○ Definition and importance</li> <li>○ Objectives of budgeting</li> <li>○ Types of budgets: operating, capital, cash, financial</li> </ul> <p><b>II. Components of a Financial Budget</b></p> <ul style="list-style-type: none"> <li>○ Sales forecast</li> <li>○ Expense estimation</li> <li>○ Capital expenditure budget</li> <li>○ Cash budget</li> <li>○ Budgeted income statement &amp; balance sheet</li> </ul> <p><b>III. Setting Up Budget Templates</b></p> <ul style="list-style-type: none"> <li>○ Income and expense budget sheets</li> <li>○ Cash flow budget sheets</li> <li>○ Budget vs Actual comparison</li> </ul>	15
2	<p><b>Data Visualization</b></p> <p>I. Introduction to Data Visualization</p> <p>II. Principles of Effective Visualization</p> <p>III. Types of Charts and Their Uses</p> <ul style="list-style-type: none"> <li>● Bar, column, line, pie, area charts</li> <li>● Scatter plots and bubble charts</li> <li>● Histograms, box plots</li> <li>● Heatmaps and treemaps</li> <li>● Maps for geospatial data</li> </ul> <p>IV. Excel for Data Visualization</p>	15
Unit 3	<p><b>Tally ERP 9</b></p> <p>I. Company Setup in Tally</p> <ul style="list-style-type: none"> <li>● Creating, altering, and deleting companies</li> <li>● Setting accounting and inventory features</li> </ul> <p>II. Ledger &amp; Group Creation</p> <ul style="list-style-type: none"> <li>○ Creating ledgers</li> <li>○ Grouping and classification</li> </ul> <p>III. Voucher Entry Practice</p> <ul style="list-style-type: none"> <li>● Real-time data entry in all voucher types</li> <li>● Creating voucher classes</li> </ul>	15
<b>Case Study Scenario</b>		
M1	The case study relates to ABC Manufacturing Ltd., which plans to prepare a financial	

	<p>budget for the year ending 31 March 2026 to ensure effective financial planning and control. The company manufactures a single product and estimates annual sales of 52,000 units at a selling price of ₹100 per unit. Based on its inventory policy of maintaining closing stock equal to 20% of the next quarter's sales, the total production for the year is estimated at 53,200 units. The variable cost per unit is ₹60, consisting of direct materials, labour, and variable overheads, while fixed manufacturing overheads amount to ₹5,00,000 annually. Sales are partly on cash and partly on credit, with 20% cash sales and 80% credit sales collected in the following quarter. After considering cash receipts from sales, payments for production costs, and an opening cash balance of ₹2,00,000, the cash budget reveals a healthy closing cash balance of ₹17,08,000. This indicates that the company will be able to meet its operational expenses comfortably and maintain adequate liquidity during the budget period.</p>
M2	<p>The preparation of a financial budget can be seen in XYZ Traders, a wholesale distribution firm planning its finances for the coming year. The firm estimates total annual sales of ₹60,00,000, of which 30% will be cash sales and the remaining 70% will be on credit, collected in the month following the sale. The cost of goods sold is expected to be 70% of sales, and all purchases are made on credit, payable in the next month. Operating expenses are estimated at ₹9,00,000 per year, including fixed and variable components. With an opening cash balance of ₹1,50,000, the preparation of the financial budget shows that cash inflows from sales will be sufficient to meet payment obligations for purchases and expenses throughout the year. The budget helps management identify periods of surplus and shortage, enabling better planning for working capital, cost control, and smooth business operations.</p>

### References Books

1. "Financial Management" by I.M. Pandey
2. "Advanced Accountancy" by R.L. Gupta & M. Radhaswamy
3. "Business Analytics" by U Dinesh Kumar (Wiley India)
4. "Implementing Tally ERP 9" by A.K. Nadhani (BPB Publications)
5. "Mastering Tally ERP 9" by Tally Education Pvt. Ltd.

<b>BOS</b>	<b>Commerce &amp; Management</b>				
<b>Course</b>	<b>Vocational Skills in Accounting &amp; Finance I (Introduction to Financial Functions)</b>				
<b>Course Code</b>	<b>HUCAF104</b>	<b>Level</b>	<b>4.5</b>		
		<b>Type</b>	<b>Theory</b>	<b>Practical</b>	<b>Total</b>
<b>Semester</b>	<b>I</b>	<b>Credits</b>	03	-	03
<b>Type</b>	<b>VSEC</b>	<b>No of Teaching hours</b>	<b>45</b>	-	<b>45</b>
<b>Evaluation/ Assessment</b>	<b>Total Marks</b>	<b>Semester End</b>	<b>Continuous</b>	<b>Practical</b>	
	<b>100</b>	<b>50</b>	<b>50</b>	<b>-</b>	

<b>Learning Objectives</b>	
1	Understand and apply the concept of the time value of money in personal and business financial decision-making.
2	Utilize Excel to perform capital budgeting analysis, build decision models, and visualize investment outcomes.
3	Understand the concept and purpose of depreciation, distinguish between various methods (SLM, WDV, etc.) and apply depreciation functions in Excel ( <b>SLN</b> , <b>DB</b> , <b>DDB</b> ) for asset tracking.

<b>Course Outcomes</b>	
CO1	Understand and apply the core principles of Time Value of Money in financial decision-making.
CO2	Evaluate investment proposals using capital budgeting techniques (NPV, IRR, Payback, PI)
CO3	Demonstrate proficiency in computing depreciation using both manual and software tools.

#### **Modules At Glance**

<b>Module No.</b>	<b>Content</b>	<b>No. of Hours</b>	<b>Mapping with CO</b>
1	Time Value of Money	15	CO1
2	Capital Budgeting	15	CO2
3	Depreciation Functions	15	CO3
		45	

## Syllabus

Module No.	Content	No. of Lecture
1	<p><b>Time Value of Money</b></p> <p><b>I. Fundamentals of Time Value of Money</b></p> <ul style="list-style-type: none"> <li>● Concept and importance</li> <li>● Present Value (PV)</li> <li>● Future Value (FV)</li> <li>● Annuities and Perpetuities</li> <li>● Compounding (annual, semi-annual, continuous)</li> <li>● Discounting</li> </ul> <p><b>II. Time Value of Money Formulas</b></p> <ul style="list-style-type: none"> <li>○ PV &amp; FV of a lump sum</li> <li>○ PV &amp; FV of ordinary annuity</li> <li>○ PV of perpetuity</li> <li>○ Effective annual rate (EAR)</li> <li>○ Nominal vs. Effective interest rates</li> </ul> <p><b>III. Excel Functions for Time Value of Money</b></p> <ul style="list-style-type: none"> <li>○ <b>PV()</b> – Present Value</li> <li>○ <b>FV()</b> – Future Value</li> <li>○ <b>PMT()</b> – Annuity payments</li> <li>○ <b>NPV()</b> and <b>XNPV()</b> – Net Present Value</li> <li>○ <b>IRR()</b> and <b>XIRR()</b> – Internal Rate of Return</li> </ul>	15
2	<p><b>Capital Budgeting</b></p> <p><b>I. Introduction to Capital Budgeting</b></p> <ul style="list-style-type: none"> <li>○ Meaning and significance</li> <li>○ Types of investment decisions</li> <li>○ Capital budgeting process</li> </ul> <p><b>II. Techniques of Capital Budgeting</b></p> <ul style="list-style-type: none"> <li>○ Payback Period</li> <li>○ Accounting Rate of Return (ARR)</li> <li>○ Net Present Value (NPV)</li> <li>○ Internal Rate of Return (IRR)</li> <li>○ Profitability Index (PI)</li> </ul> <p><b>III. Project Evaluation Models</b></p> <ul style="list-style-type: none"> <li>○ Creating templates for NPV, IRR, PI</li> <li>○ Dynamic dashboards with charts for cash flows and decisions</li> </ul>	15

3	<p><b>Depreciation Functions</b></p> <p>I. Introduction to Depreciation</p> <ul style="list-style-type: none"> <li>● Meaning and need for depreciation</li> <li>● Causes of depreciation</li> <li>● Depreciable assets</li> </ul> <p>II. Methods of Depreciation</p> <ul style="list-style-type: none"> <li>● Straight Line Method (SLM)</li> <li>● Written Down Value (WDV) / Diminishing Balance</li> <li>● Sum-of-the-Years-Digits (SYD)</li> <li>● Double Declining Balance (DDB)</li> </ul> <p>III. Excel-Based Depreciation</p> <ul style="list-style-type: none"> <li>● Using built-in Excel functions: <ul style="list-style-type: none"> <li>○ <b>SLN()</b> – Straight-line depreciation</li> <li>○ <b>DB()</b> – Declining balance</li> <li>○ <b>DDB()</b> – Double declining balance</li> <li>○ <b>SYD()</b> – Sum-of-years-digits</li> </ul> </li> <li>● Creating depreciation schedules</li> <li>● Asset register in Excel</li> <li>● Charts to visualize asset value decline</li> </ul>	15
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**Case Study Scenario**

M1	<p>Sunrise Retail Store is a small neighborhood shop that sells grocery and household items. The owner uses basic vocational skills in accounting and finance to manage daily business operations. All cash and credit sales are recorded in a cash book, and expenses such as purchases, rent, electricity, and wages are properly documented. By preparing a simple monthly income and expense statement, the owner can determine whether the business is earning a profit or incurring a loss. A basic cash budget is also prepared to estimate future cash inflows and outflows, ensuring that enough cash is available to pay suppliers on time. This case study shows how introductory financial functions help small business owners maintain financial control and make informed business decisions.</p>
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M2	<p>GreenTech Solutions is a start-up providing technical maintenance services to offices. The management applies vocational skills in accounting and finance to understand key financial functions such as budgeting, cash flow management, and basic financial reporting. Service income and operating expenses like employee salaries, transportation, and office rent are recorded regularly. The company prepares a simple financial budget at the beginning of the year to forecast income and expenses and monitors actual performance against the budget. By analyzing financial information, the management identifies cost-saving opportunities and plans for future expansion. This case study demonstrates the importance of basic accounting and finance skills in supporting financial planning, efficiency, and sustainable growth in a service-based organization.</p>
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**References Books:**

1. "Financial Management" by I.M. Pandey
2. "Financial Management: Theory and Practice" by Prasanna Chandra
3. "Computer Applications in Business" by S. P. Rana & V. K. Jain
4. "Financial Modeling Using Excel and VBA" by Chandan Sengupta

**Semester End Evaluation (50 Marks)****Time: 2 Hr****Paper Pattern**

<b>Question No</b>	<b>Questions</b>	<b>Total Marks: 50</b>
Q1	A OR B	<b>15</b>
Q2	A OR B	<b>15</b>
Q3	A OR B	<b>15</b>
Q4	Case study	<b>05</b>

<b>BOS</b>	<b>Commerce &amp; Management</b>				
<b>Course</b>	<b>IKS IN ACCOUNTING &amp; FINANCE</b>				
<b>Course Code</b>	<b>HUCAF105</b>	<b>Level</b>	<b>4.5</b>		
		<b>Type</b>	<b>Theory</b>	<b>Practical</b>	<b>Total</b>
<b>Semester</b>	<b>I</b>	<b>Credits</b>	02	-	02
<b>Type</b>	<b>CC</b>	<b>No of Teaching hours</b>	<b>45</b>	-	<b>45</b>
<b>Evaluation/ Assessment</b>	<b>Total Marks</b>	<b>Semester End</b>	<b>Continuous</b>	<b>Practical</b>	
	<b>50</b>	-	<b>50</b>	-	

<b>Learning Objectives</b>	
1	Understand the basic concepts of Indian Knowledge System (IKS) and its relevance to commerce.
2	Identify traditional Indian accounting and financial practices like Bahi-Khata and Hundis.
3	Compare ancient financial systems with modern methods in a simple way.
4	Relate traditional business concepts to present-day applications in accounting and finance.

<b>Course Outcomes</b>	
CO1	Describe the fundamentals of IKS in relation to accounting and finance.
CO2	Explain indigenous accounting systems and their use in historical and current contexts.
CO3	Demonstrate knowledge of traditional financial instruments and early banking practices.
CO4	Apply selected IKS concepts to modern commerce scenarios through basic presentations or activities.

#### Modules At Glance

<b>Module No.</b>	<b>Content</b>	<b>No. of Hours</b>	<b>Mapping with CO</b>
1	Basics of Indian Knowledge System	08	CO1
2	Traditional Indian Accounting	08	CO2
3	Ancient Indian Finance & Banking	08	CO3
4	Today's Use of Old Ideas	06	CO4
		30	

### Syllabus

Module No.	Content	No. of Hours
Unit 1	<p><b><u>Basics of Indian Knowledge System</u></b></p> <ul style="list-style-type: none"> <li>● Introduction to Indian Knowledge System (IKS)</li> <li>● Importance of IKS in modern times</li> <li>● Ancient Indian economy – A simple overview</li> <li>● Trade and business in olden days</li> <li>● Role of temples and kings in business</li> <li>● Introduction to Arthashastra (basic ideas)</li> </ul>	08
Unit 2	<p><b>Traditional Indian Accounting</b></p> <ul style="list-style-type: none"> <li>● Introduction to Bahi-Khata (traditional ledger)</li> <li>● How people kept records in olden days</li> <li>● Lekhakars – the early accountants</li> <li>● Simple bookkeeping tools used earlier</li> <li>● Indian vs. modern accounting – basic comparison</li> <li>● Practical: Sample Bahi-Khata entry (basic format)</li> </ul>	08
Unit 3	<p><b>Ancient Indian Finance &amp; Banking (6 Hours)</b></p> <ul style="list-style-type: none"> <li>● Introduction about Mahajans and Seths (traditional bankers)</li> <li>● Introduction to Hundi</li> <li>● Lending and borrowing in villages</li> <li>● Coins and money in old India</li> <li>● How people saved and invested earlier</li> <li>● Simple story-based activity on old banking</li> </ul>	08
Unit 4	<p><b>Today's Use of Old Ideas</b></p> <ul style="list-style-type: none"> <li>● Bahi-Khata in today's world</li> <li>● IKS and modern business education</li> <li>● Indian business families using traditional methods</li> <li>● Digital Bahi-Khata (basic idea)</li> <li>● Role of IKS in today's economy</li> <li>● Student presentations on what they learned</li> </ul>	06

#### References Books

1. "History of Indigenous Indian Financial Systems"- Bharatiya Vidya Bhavan- by Bharat Jhunjhunwala
2. *History of Accounting in India* by B.P. Agarwal
3. *Kautilya's Arthashastra and Economic Ideas* by Balbir Sihag
4. Ancient Indian Accounting System (Bahi-Khata)" by Dr. Vinay Kumar Srivastava