



# Sh. L. N. Hindu College, Rohtak (Haryana)

## Course Plan

Department of Commerce

Program: B.COM

Financial Accounting

(24COM1401DS01)

### SCHEME

Course Name	Financial Accounting	Course Type	Theory
Course Code	24COM1401DS01	Class	B.COM I Sem.
Instruction Delivery	Per week Lectures: 3, Tutorial:1, Total No. Classes Per Sem: 50(L), 10(T) Assessment in Weightage: Internal (30), External (70)		
Course Coordinator	Dr. Rashmi Chhabra & Dr. Deepti Sharma	Course Instructors	Dr. Rashmi Chhabra & Dr. Deepti Sharma

### COURSE OVERVIEW

This course provides an introduction to the fundamentals, basic theory and concepts of financial accounting and provide knowledge about various accounting standards used in preparation of financial statements and also give knowledge of methods and techniques used for analyzing financial statement with its application which will enable students acquainted with current trends and social responsibility accounting.

### PREREQUISITE

Meaning- Accounting, Accounting Principles, Accounting standards, GAAP, Golden Rules of accounting

### COURSE OBJECTIVE

The objective of this course is to assist students in gaining conceptual knowledge of financial accounting, as well as skills for recording various types of business transactions and preparing financial statements.

### COURSE OUTCOMES (COs)

After the completion of the course, the student will be able to:

CO No.	Course Outcomes
1	Students will be able to explain the fundamental concepts of Financial Accounting including basic terms and GAAP.
2	Students will develop the ability to differentiate between capital and revenue items and understand the methods and implications of computing depreciation.
3	To identify and rectify accounting errors and prepare final accounts with adjustment
4	To compare manual and computerized accounting system, understand their limitations and advantages, sourcing of accounting Software and Accounting for Non- profit organization



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### COURSE CONTENT

<b>Content</b>
<p><b>UNIT-I</b> Introduction: meaning, objectives, process, limitations, and basic terms of Accounting; Generally accepted Accounting Principles; Accounting Standard- AS1, Journalizing, Posting, and Preparation of trial balance</p>
<p><b>UNIT-II</b> Capital and revenue items; Reserves and Provisions; Depreciation: Meaning, causes, accounting procedure, methods of recording depreciation– straight line method and diminishing balance method, change of method. Accounting Standard 10</p>
<p><b>UNIT-III</b> Accounting Error and Their Rectification, Final Accounts with adjustments</p>
<p><b>UNIT-IV</b> Concept of Computerized Accounting System, Comparison between Manual and Computerised Accounting system, Advantages of Computerized Accounting System, Limitations of Computerised Accounting System Sourcing of Accounting Software, Considerations before Sourcing (choosing) an Accounting Software, Accounting for non-profit organizations</p>

### LESSON PLAN (THEORY AND TUTORIAL CLASSES)

L. No	Topic to be Delivered	Tutorial Plan	Unit
1.	Meaning, nature, Scope of Accounting	Discussion on meaning scope and utility of Accounts.  Accounting principles and its use in practical life case studies.	1
2.	Accounting Cycle and Process		
3.	Objectives of Accounting		
4.	Advantages and Limitations of Accounting		
5.	Book Keeping, Accounting and Accountancy		
6.	Basic Accounting Terms	1	
7.	Bases of Accounting		
8.	Accounting Principles		
9.	Objectives and Scope of Accounting Standard		Questions related to Accounting Standards
10.			



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	Double entry system		
11	Practical Question of Journal entries	Illustrations and exercise ques of journal entries	1
12	Illustrations and exercise ques of journal entries	Questions on GST and Trial Balance	
13	Preparation of ledger		
14	Meaning of GST		
15	Practical questions of GST		
16	Trial Balance		
17	Practical ques of Trial Balance		
18	Full fledge questions of journal		
19	Capital and Revenue Expenditure		
20	Numerical of Revenue and Capital expenditure	Numerical of Revenue and Capital expenditure	2
21	Provision and Reserves		
22	Types of reserves		
23	Secret Reserves		
24	Depreciation		
25	Causes of depreciation	Question of depreciation	2
26	Practical ques of depreciation		
27	Rectification of Errors	Question of errors and rectification	3
28	Two sided errors		
29	Numerical		
30	One sided error		
31	Numerical		
32	Numerical		
33	Trading Account questions		
34	Practical ques of trading Accounts		
35	Meaning of Profit and Loss Account	Numerical Questions of Final account	3
36	Practical ques of Profit and Loss Accounts	Numerical Questions of Final account with adjustment	3
37	Numerical		
38	Numerical		
39	Numerical		



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40	Numerical		
41	Computerized Accounting System		4
42	Comparison between manual and computerized Accounting System		
43	Advantages and Limitations of Computerized Accounting system		
44	Accounts for Non -profit Organization	Problems discussed	4
45	Receipt and Payment Account questions		
46	Income and expenditure account		
47	Practical questions of NPO		
48	Practical questions of NPO		
49	Practical questions of NPO		
50	Practical questions of NPO		



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### Text Book

Goel, D.K., Financial Accounting, Avichal Publishing company, New Delhi

### Reference Books

- Kumar, A. (2018). Financial Accounting. Singhal Publication.
- Monga, J. R., & Bahadur, R. (2022) Financial Accounting: Concepts and Applications.
- Anthony, R. N., Hawkins, D., & Merchant, K. A. (2019) “Accounting: Text and Cases” McGraw-Hill Education India.
- Goyal, B. K., & Tiwari, H. N. (2021). Financial Accounting. Taxmann Publication, New Delhi.

### Web/Links for e-content

- <https://www.accounting.com/resources/basic-accounting-terms/>
- <https://www.forbes.com/advisor/business/what-is-accounting/>

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### PRACTICE QUESTIONS (QUESTION BANK)

S No	Problem
<b>UNIT I</b>	
1	Define accounting. Explain main objectives of accounting.
2	Give the advantages and limitations of accounting.
3	Which parties are interested in accounting information and why?
5	What do you mean by accounting principles? Explain their characteristics and significance.
6	What is going concern concept? Explain any four limitations of generally accepted accounting principles.
8	What do you mean by accounting standards and what are their characteristics?
9	What is IND AS? Explain the difference between IAS and Ind AS
10	What is legal status of Accounting Standards in India?
12	What is double entry system? Explain its principle and advantages.
13	Give the rules of debit and credit and explain them with imaginary examples.
14	What is accounting cycle? Explain with examples
16	Distinguish between journal and ledger. Explain the format of trial balance with imaginary figures
<b>UNIT II</b>	
17.	Differentiate between Capital and revenue items of Accounting with Examples
18.	Define Reserves? Explain the types of reserves.
19.	What do you mean by Provisions? Explain its purpose? Also differentiate between provisions and Reserves.
17.	Define depreciation. Differentiate with suitable example between straight line method and diminishing balance method of charge depreciation
18	Explain in detail AS -10
19	Numerical of Depreciation
<b>UNIT- III</b>	
20	What are the various types of errors that arise in the Preparation of Financial Accounts? How are they rectified? Explain with examples.
21	What is Suspense Account? Why is it opened and how is it closed.
22.	Write a note on: a) One sided error b) Two sided errors
23.	What is meant by rectifying entry?



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24.	What do you mean by financial statements? What is their necessity?
25.	Prepare a trading, profit and loss account and balance sheet with the help of imaginary figures.
26.	Numerical of Final Accounts and financial statements with adjustment.
Unit - IV	
27.	Define Computerized Accounting System. Distinguish between Computerized and manual accounting system.
28.	Define three limitations of CAS.
29.	'Accounting Software is an integral part of the computerized accounting system.' Explain.
30.	Explain the process of creating a company in Tally.
31.	What is Receipt and payment Accounts? What are its characteristics
32.	What is Receipt and payment Accounts? Distinguish between receipt and payment account and income and expenditure account.
33.	Explain the meaning and accounting treatment of following items : a) Subscription b) Specific Donation c) Legacy d) Endowment fund



# Sh. L. N. Hindu College, Rohtak (Haryana)

## Course Plan

Department of Commerce  
Program: B.Com Ist  
Business Statistics

### SCHEME

Course Name	Business statistics	Course Type	Theory
Course Code	24COM401DS02	Class	B. Com Ist
Instruction Delivery	Per week Lectures: 4, Tutorial:1, Practical: - Total No. Classes Per Sem: 60(L), 15(T), -(P) Assessment in Weightage: Sessional (20%), End Term Exams (80%)		
Course Coordinator	Dr Shalu & Dr. Seema	Course Instructors	Dr Shalu & Dr. Seema

### COURSE OVERVIEW

The course on Statistics and Probability provides a comprehensive understanding of statistical concepts and methodologies essential for data analysis. It begins with defining statistics and the significance of data collection, exploring various data types and methods for classification and tabulation. Students will learn to present data graphically and measure central tendency and variation using techniques like mean, median, mode, variance, and standard deviation. Advanced topics include moments, skewness, kurtosis, and corrections for bias, alongside the construction and interpretation of index numbers. The course delves into probability theory, emphasizing its definitions, various schools of thought, and applications. Key concepts include the calculation of probabilities, properties of addition and multiplication, and the mathematical expectation. Students will engage with discrete and continuous probability distributions, enhancing their ability to make informed decisions based on expected values. Through practical applications and numerical exercises, this course aims to equip students with the skills necessary to interpret and analyze data effectively, fostering statistical literacy across various fields.

### PREREQUISITE

- Basic understanding of statistics (mean, median, mode)
- Familiarity with basic algebra and mathematical concepts
- Introductory course in probability (optional but recommended)

### COURSE OBJECTIVE

- **Data Collection and Classification:** Understand various data types, methods for collection, and classification of data.





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- **Data Presentation:** Learn techniques for tabulating and graphically presenting data for diagnostic analysis.
- **Measures of Central Tendency:** Master concepts of mean, median, mode, and variations.
- **Variation Analysis:** Explore absolute and relative variations, moments, and their applications.
- **Index Numbers:** Understand the construction and application of index numbers in statistical analysis.
- **Probability Concepts:** Grasp fundamental concepts of probability, including various schools of thought and their importance.
- **Probability Calculations:** Apply rules of addition, multiplication, and base forms to compute probabilities.
- **Mathematical Expectation:** Explore mathematical expectation in probability contexts and its significance.

### COURSE OUTCOMES (COs)

After the completion of the course, the student will be able to:

CO No.	Course Outcomes
1	The students will apprehend the basics of data science and data analysis like Averages and forecasting techniques.
2	This will comprehend the basics of data science and data analysis like Averages and forecasting techniques.
3	This will understand use of Time series and Index numbers in management decisions.
4	This will be able to understand the business implications and probabilities of every decision being made.
5	Summarize data sets using Descriptive statistics · · Analyze the relationship between two variables of various managerial situations · ·
6	Geometrically Interpret Correlation and Regression
7	Develop managerial decision problems using Probability Density Functions and Cumulative Density Functions

### Content

#### Unit – I

Meaning, Definition Needs Objectives Collection Of Data Types, Methods, Classification And Tabulation Of Data, Graphic Diagramatic Presentation

#### Unit- II

Measurement Of Central Tendency And Variation, Mathematical And Fractional Average Measures Of Absolute And Relative Variations



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### Unit- III

Moments, Skewness And Kurtosis (With Sheppard's Corrections), Index Numbers.

### Unit- IV

Meaning And Schools Of Thoughts Importance Of The Concept Of Probability; Calculation Of Probability, Probability Theorem, Addition, Multiplication And Bays Thorem, Mathematical Expectations Of Probability. Numerical Of Probability.

### LESSON PLAN (THEORY AND TUTORIAL CLASSES)

<u>L. No.</u>	<u>Topic to be Delivered</u>	<u>Tutorial Plan</u>	<u>Unit</u>
1.	Introduction of Statistics: Origin, Development, Definition, Scope, Uses and Limitations	Practice of theoretical concept	<u>1</u>
2.	Scope, Uses and Limitations	Practice of theoretical concept	<u>1</u>
3.	Statistical Data: Types of Measurement scales-normal, Ordinal, Interval and Ratio level measurement.	Practice of theoretical concept	<u>1</u>
4.	Collection, Classification and Tabulation of Primary and Secondary data.	Practice of numerical and theoretical concept	<u>1</u>
5.	Presentation of data: Diagrammatic and Graphical presentation of Data-Bar	Practice of numerical and theoretical concept	<u>1</u>
6.	Squares, rectangular and Circular diagrams; Histogram	Practice of numerical and theoretical concept	<u>1</u>
7.	frequency polygon, Ogives, Stem and Leaf displays box plots	Practice of numerical and theoretical concept	<u>1</u>
8.	Central Tendency and Partition values; Concept and Measures of Central tendency	Practice of numerical and theoretical concept	<u>2</u>
9.	Illus of central tendency (individual )	Practice of numerical and theoretical concept	<u>2</u>
10.	Illus of central tendency (discrete series)	Practice of numerical and theoretical concept	<u>2</u>
11.	Illus of central tendency (continuous series)	Practice of numerical and theoretical concept	<u>2</u>
12.	Illus of central tendency (Exclusive, Inclusive, more than, less than) Introduction of Quartiles,	Practice of numerical and theoretical concept	<u>2</u>
13.	Illus of Quartiles	Practice of numerical and theoretical concept	<u>2</u>
14.	Introduction of Deciles	Practice of numerical and theoretical concept	<u>2</u>
15.	Illus of Deciles	Practice of numerical and theoretical concept	<u>2</u>
16.	Introduction of Percentiles	Practice of numerical and theoretical concept	<u>2</u>
17.	Illus of Percentiles	Practice of numerical	<u>2</u>



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		and theoretical concept	
18.	Dispersion: Concept and Its absolute as well as relative measures.	Practice of numerical and theoretical concept	<u>2</u>
19.	Illus of absolute measures.	Practice of numerical and theoretical concept	<u>2</u>
20.	Illus of relative measures.	Practice of numerical and theoretical concept	2
21.	Moments about any point and about mean and the relationship between them.	Practice of numerical and theoretical concept	3
22.	Illus of Moments about any point	Practice of numerical and theoretical concept	3
23.	Moments about mean	Practice of numerical and theoretical concept	3
24.	Illus of Moments about mean	Practice of numerical and theoretical concept	3
25.	Illus of Sheppard's Corrections for Moments	Practice of numerical and theoretical concept	3
26.	Concept of symmetrical distribution	Practice of numerical and theoretical concept	3
27.	skewness,	Practice of numerical and theoretical concept	3
28.	Illus of skewness	Practice of numerical and theoretical concept	3
29.	measures and Co- efficient of skewness,	Practice of numerical and theoretical concept	3
30.	Illus of measures and Co- efficient of skewness	Practice of numerical and theoretical concept	3
31.	Concept of Kurtosis and its measures	Practice of numerical and theoretical concept	3
32.	Illus of measure of kurtosis	Practice of numerical and theoretical concept	3
33.	Illus of measure of kurtosis	Practice of numerical and theoretical concept	3
34.	Index Numbers:- Meaning, Types and Uses	Practice of numerical and theoretical concept	3
35.	Methods of Constructing price and Quantity indices (Simple and Aggregate)	Practice of numerical and theoretical concept	3
36.	Illus of Methods of Constructing price and Quantity indices (Simple and Aggregate)	Practice of numerical and theoretical concept	3
37.	Tests of adequacy	Practice of numerical and theoretical concept	3
38.	Illus of adequacy	Practice of numerical and theoretical concept	3
39.	Chain-base Index numbers,	Practice of numerical and theoretical concept	3
40.	Illus of Chain-base Index numbers,	Practice of numerical and theoretical concept	3
41.	Illus of Chain-base Index numbers,	Practice of numerical and theoretical concept	3
42.	Base shifting,	Practice of numerical	3



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		and theoretical concept	
43.	Illus of Base shifting,	Practice of numerical and theoretical concept	3
44.	Illus of Splicing	Practice of numerical and theoretical concept	3
45.	Illus of Deflating	Practice of numerical and theoretical concept	3
46.	Illus of Deflating	Practice of numerical and theoretical concept	3
47.	Theory of Probability: - Probability as a Concept	Practice of numerical and theoretical concept	4
48.	Approaches to defining probability	Practice of numerical and theoretical concept	4
49.	Addition laws of probability	Practice of numerical and theoretical concept	4
50.	Multiplication laws of probability	Practice of numerical and theoretical concept	4
51.	Illus of addition	Practice of numerical and theoretical concept	4
52.	Illus of multiplication	Practice of numerical and theoretical concept	4
53.	Conditional probability	Practice of numerical and theoretical concept	4
54.	Illus of Conditional probability	Practice of numerical and theoretical concept	4
55.	Illus of Conditional probability	Practice of numerical and theoretical concept	4
56.	Baye's Theorem.	Practice of numerical and theoretical concept	4
57.	Illus of Baye's Theorem.	Practice of numerical and theoretical concept	4
58.	Illus of Baye's Theorem	Practice of numerical and theoretical concept	4
59.	Probability Distribution : - Probability distribution as a concept	Practice of numerical and theoretical concept	4
60.	Binomial Distribution	Practice of numerical and theoretical concept	4
61.	Illus of Binomial	Practice of numerical and theoretical concept	4
62.	Poisson Distribution	Practice of numerical and theoretical concept	4
63.	Illus of Poisson Distribution	Practice of numerical and theoretical concept	4
64.	Illus of Poisson Distribution	Practice of numerical and theoretical concept	4
65.	Illus of Poisson Distribution	Practice of numerical and theoretical concept	4
66.	Normal Distribution- Their Properties and Parameters	Practice of numerical and theoretical concept	4
67.	Illus of Normal Distribution	Practice of numerical	4



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		and theoretical concept	
<b>68.</b>	Illus of Normal Distribution	Practice of numerical and theoretical concept	<b>4</b>

### Text Book

Jain, T. R., VK Publication

### Reference Books

- Dr.S.P.Gupta, Statistical methods, S.Chand & Co., New Delhi.
- D.N.Elhance, Veena Elhance, B.M.Aggarwal, Fundamentals of Statistics, Kitab Mahal.
- N.P.Aggarwal, Quantitative Techniques, Ramesh Book Depot., Jaipur.
- R.P.Hooda, Statistics for Business and Economics, Mcmillan India Ltd., New Del
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### Web/Links for e-content

<https://www.ddegjust.ac.in/studymaterial/mcom/mc-106.pdf>

<https://openstax.org/details/books/introductory-business-statistics>

### PRACTICE QUESTIONS (QUESTION BANK)

Sr. number	Problems
1.	Define Statistics: Origin, Development, Definition, Scope, Uses and Limitations
2.	Define Statistical Data: Types of Measurement scales- normal, Ordinal, Interval and Ratio level measurement.
3.	Define Collection, Classification and Tabulation of Primary and Secondary data.
4.	Define Presentation of data: Diagrammatic and Graphical presentation of Data-Bar
5.	Define qualitative data and provide three examples.
6.	What is quantitative data? Give two types of quantitative data.
7.	List and explain three methods of data collection.
8.	What is the importance of choosing the correct data collection method?
9.	How do you classify data into different categories?
10.	What is a frequency distribution table, and how is it constructed?
11.	Explain the significance of tabulating data.
12.	What are the key components of a well-structured data table?
13.	What types of graphs are commonly used to present data? Give an example for each.
14.	How does a pie chart differ from a bar graph in presenting data?
15.	Why is graphic representation important in data analysis?
16.	What insights can be gained from a scatter plot?
17.	What types of graphs are commonly used to present data? Give an example for each.
18.	How does a pie chart differ from a bar graph in presenting data?
19.	Define mean, median, and mode. How are they calculated?
20.	When would you prefer to use the median over the mean?



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21.	What is the significance of the mode in a dataset?
22.	How do outliers affect the mean and median?
23.	What is the range of a dataset, and how is it calculated?
24.	Define variance and standard deviation. Why are they important?
25.	What is the difference between absolute and relative variation?
26.	How do you interpret the coefficient of variation?
27.	What are statistical moments? List the first four moments and their meanings.
28.	How can moments help in understanding the shape of a distribution?
29.	What is skewness, and how is it related to moments?
30.	Define index numbers and their purpose in statistics.
31.	Explain how the Consumer Price Index (CPI) is calculated.
32.	What are the different types of index numbers? Provide examples.
33.	How can index numbers be used to compare economic performance over time?
34.	What is probability? How is it different from possibility?
35.	Discuss the classical interpretation of probability.
36.	What are the key differences between frequentist and Bayesian probability?
37.	Why is understanding probability important in statistical analysis?

These questions encompass a broad range of concepts related to data analysis, statistical methods, and probability theory, facilitating a comprehensive understanding of the subject.