

**B. K. BIRLA COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS),
KALYAN**

CERTIFICATE COURSE



Financial Accounting-IIT Mandi

Week 1: A primer on business organizations and need for accounting:

Lecture No:1.1 Introduction to Financial Accounting

1.1.1 Definition of accounting

1.1.2 Course contents

1.1.3 Preparation of financial statements: Accounting cycle

1.1.4 Decision making using financial statements

1.1.5 Accounting: An art or a science?

1.1.6 Environment of financial reporting

Lecture No:1.2 Company form of business

1.2.1 What is a company?

1.2.2 Types of companies

1.2.3 Private company vs Public company

1.2.4 Visuals test to identify public companies

Lecture No:1.3 Accounting as an information system

1.3.1 Business and information requirement

1.3.2 Stakeholders of a business

1.3.3 Information: Tip of accounting ice-berg

Lecture No:1.4 Key accounting terms: Assets, Liabilities, Income, Expenses

1.4.1 Four key terms in accounting

1.4.2 Sources of funds

1.4.3 Use of funds

1.4.4 The sources vs The uses

1.4.5 Types of Assets

1.4.6 Types of Liabilities

1.4.7 Types of Incomes

1.4.8 Types of Expenses

Lecture No:1.5 Tutorial: Key accounting terms: Assets, Liabilities, Income, Expenses

1.5.1 Identifying the category and sub category of various accounting

terms

Week 2: Accounting equation, GAAP Principle and Fundamentals of double entry system:

Lecture No:1.6 Accounting equation

1.6.1 What is the accounting equation?

1.6.2 Working of accounting equation

1.6.3 Example: accounting equation

1.6.4 Summary: accounting equation

Lecture No:1.7 Walkthrough of Balance Sheet I

Lecture No:1.8 Walkthrough of Balance Sheet II

Lecture No:1.9 Walkthrough of Balance Sheet III

Lecture No:1.10 Walkthrough of Income Statement

Lecture No:1.11 Generally Accepted Accounting Principles I

1.11.1 Business Entity Concept

1.11.2 Money Measurement Concept

1.11.3 Going Concern Concept

1.11.4 Accounting Period Concept

1.11.5 Cost Concept

Lecture No:1.12 Generally Accepted Accounting Principles II

- 1.12.1 Conservatism Concept
- 1.12.2 Accrual Concept
- 1.12.3 Matching Concept
- 1.12.4 Full Disclosure Concept
- 1.12.5 Materiality

Lecture No:2.0. Recap and way forward

Lecture No:2.1 Types of accounts

- 2.1.1 What is an account?
- 2.1.2 What are types of accounts?

Lecture No:2.2 Tutorial - Types of accounts

Week 3: Fundamentals of double entry system and Accounting Cycle: Journal Entries I:

Lecture No:2.3 Debit and Credit

- 2.3.1 Claims of business
- 2.3.2 What is debit and credit
- 2.3.3 Misconception about debit and credit

Lecture No:2.4 Tutorial - Debit and Credit

Lecture No:2.5 Rules of debit and credit

- 2.5.1 Rules of Debit and Credit
- 2.5.2 Identifying receiver and giver
- 2.5.3 Identifying what comes in and goes out
- 2.5.4 Identifying incomes and expenses

Lecture No:2.6 Entering transactions in Journal

- 2.6.1 Format of journal
- 2.6.2 Journalizing the transactions
- 2.6.3 Output of journalising

Week 4: Accounting Cycle: Journal entries II:

Lecture No:2.7 Tutorial: Journal entries

Lecture No:2.8 Key trends in journalizing

- 2.8.1 Assets Purchased/Sold
- 2.8.2 Liabilities Raised/ Paid back
- 2.8.3 Expenses paid or due and Incomes received or accrued

Lecture No:2.9 Journalizing complex transactions

Lecture No:2.10 Practice Problem I

Lecture No:2.11 Practice Problem II

Lecture No:2.12 Practice Problem III

Lecture No:2.13 Summary: Journal entries

Week 5: Accounting cycle: Ledger Posting:

Lecture No:3.0. Recap and way forward

Lecture No:3.1 Introduction to Ledger

Lecture No:3.2 Process of Ledger posting

Lecture No:3.3 Balancing the accounts

Lecture No:3.4 Debit and Credit Balances

Lecture No:3.5 Tutorial - Identifying balances

Lecture No:3.6 Practice Problem I

Lecture No:3.7 Practice Problem II
Lecture No:3.8 Practice Problem III

Week 6: Accounting cycle: Trial Balance and Final Accounts:

Lecture No:4.0. Recap and way forward
Lecture No:4.1 Introduction to Trial Balance
 4.1.1 Introduction to Trial Balance
 4.1.2 Why Trial Balance?
 4.1.3 Format of Trial Balance
Lecture No:4.2 Preparation of Trial Balance
Lecture No:4.3 Practice Problem I
Lecture No:4.4 Practice Problem II
Lecture No:4.5 Errors in Trial Balance
Lecture No:5.0 Recap and way forward
Lecture No:5.1 Introduction to Final Accounts
 5.1.1 What are Final Accounts
 5.1.2 Format of Final Accounts
 5.1.3 Format of Balance Sheet
Lecture No:5.2 Tutorial - Identifying direct and indirect expenses
Lecture No:5.3 Tutorial - Mapping operating and non operating items to direct and indirect items
 5.3.1 Tutorial - Mapping Expenses and Incomes
 5.3.2 Visual Mapping of Expenses and Incomes
Lecture No:5.4 Preparation of Final Accounts
 5.4.1 Profit and Loss account
 5.4.2 Balance Sheet
Lecture No:5.5 Tutorial - Preparation of Final Accounts
Lecture No:5.6 Tutorial - Preparation of Trading Account
Lecture No:5.7 Tutorial - Preparation of P&L Account
Lecture No:5.8 Tutorial - Preparation of Balance Sheet
Lecture No:5.9 Practice Problem

Week 7: Output of Accounting cycle: Final Accounts II:

Lecture No:5.10 Adjustments in Final Accounts
Lecture No:5.11 Transactions to be adjusted in Final Accounts
Lecture No:5.12 Tutorial - Adjustments in Final Accounts
Lecture No:5.13 Tutorial -Calculating Cost of Goods Sold
Lecture No:5.14 Tutorial -Outstanding Expenses
Lecture No:5.15 Tutorial - Prepaid Expenses
Lecture No:5.16 Validating the learning - Balance Sheet
Lecture No:5.17 Validating the learning - Income Statement

Week 8: Analysis of Financial Statements:

Lecture No:6.0 Recap and way forward
Lecture No:6.1 Introduction to Financial Statement Analysis
 6.1.1 Overview
 6.1.2 Types of Ratios
Lecture No:6.2 Liquidity Ratios
 6.2.1 Need for Liquidity ratios

- 6.2.2Types of Liquidity ratios
- Lecture No:6.3 Tutorial - Liquidity Ratios
- Lecture No:6.4 Solvency Ratios
 - 6.4.1Need for Solvency ratios
 - 6.4.2Types of Solvency ratios
- Lecture No:6.5 Tutorial - Solvency Ratios
- Lecture No:6.6 Profitability Ratios
 - 6.6.1Need for Profitability ratios
 - 6.6.2Types of Profitability ratios
- Lecture No:6.7 Tutorial - Profitability Ratios
- Lecture No:6.8 Efficiency Ratios
 - 6.8.1Need for Efficiency ratios
 - 6.8.2Types of Efficiency ratios
- Lecture No:6.9 Tutorial - Efficiency Ratios

Week 9: Analysis of Financial Statements II:

- Lecture No:6.10 Validating the learning - Walkthrough of RIL's Annual Report
- Lecture No:6.11 Online Resources for Financial Analysis
- Lecture No:6.12: Practice Problem: Liquidity Position
- Lecture No:6.13 Practice Problem – Solvency Position
- Lecture No:6.14 Practice Problem - Profitability Position I
- Lecture No:6.15 Practice Problem - Profitability Position II
- Lecture No:6.16 Practice Problem – Interpretation of Ratios

Week 10: Cash Flow Statement:

- Lecture No:7.0 Recap and way forward
- Lecture No:7.1 Types of Cash Flows
 - 7.1.1Inflows and Outflows
 - 7.1.2Types of cash flows
- Lecture No:7.2 Tutorial - Types of cash flows
- Lecture No:7.3 Walkthrough of Cash Flow Statement of RIL
- Lecture No:7.4 Profit and Loss Appropriation Account
- Lecture No:7.5 Cash flows from Operating Activities
- Lecture No:7.6 Tutorial - Changes in working capital
- Lecture No:7.7 Tutorial - Cash flows from Operating Activities
- Lecture No:7.8 Tutorial - Cash flows from Operating Activities

Week 11: Cash Flow Statement II:

- Lecture No:7.9: Cash flows from Investing Activities
- Lecture No:7.10: Tutorial - Cash flows from Investing Activities
- Lecture No:7.11 Cash flows from Financing Activities
- Lecture No:7.12 Tutorial - Cash flows from Financing Activities
- Lecture No:7.13 Preparing Cash Flow Statement
- Lecture No:7.14 Identifying hidden information
 - 7.14.1 Provision of tax
 - 7.14.2 Purchase or sale of fixed assets
 - 7.14.3 Provision of dividend
- Lecture No:7.15 Practice Problem

Week 12: CVP Analysis & Inventory Control

Lecture No:8.1 Need of Break Even Analysis

8.1.1 Need of Break Even Analysis

8.1.2 Application of BEA

8.1.3 Cost Volume Profit Analysis

Lecture No:8.2 Understanding the nature of costs

Lecture No:8.3 Contribution Margin

8.3.1 Contribution

8.3.2 Contribution per Unit

8.3.3 Contribution Margin

Lecture No:8.4 Tutorial - Contribution

Lecture No:8.5 Break Even Point

8.5.1 Break Even Point/ Level, Sales and Capacity

8.5.2 Break Even point Calculator

Lecture No: 8.6 Tutorial - Break Even Point

Lecture No: 8.7 Tutorial - Break Even Point

Lecture No: 8.8 Visualizing the Break Even Point

Lecture No: 8.9 Tutorial - Break Even Analysis

Lecture No: 8.10 Case - Break Even Analysis

Lecture No:9.1 Theoretical foundation for economic order quantity

Lecture No:9.2 Tutorial

Lecture No:9.3 ABC analysis

Lecture No:9.4 Tutorial

Lecture No:9.5 Stock accounting: LIFO, FIFO

Lecture No:9.6 Tutorial

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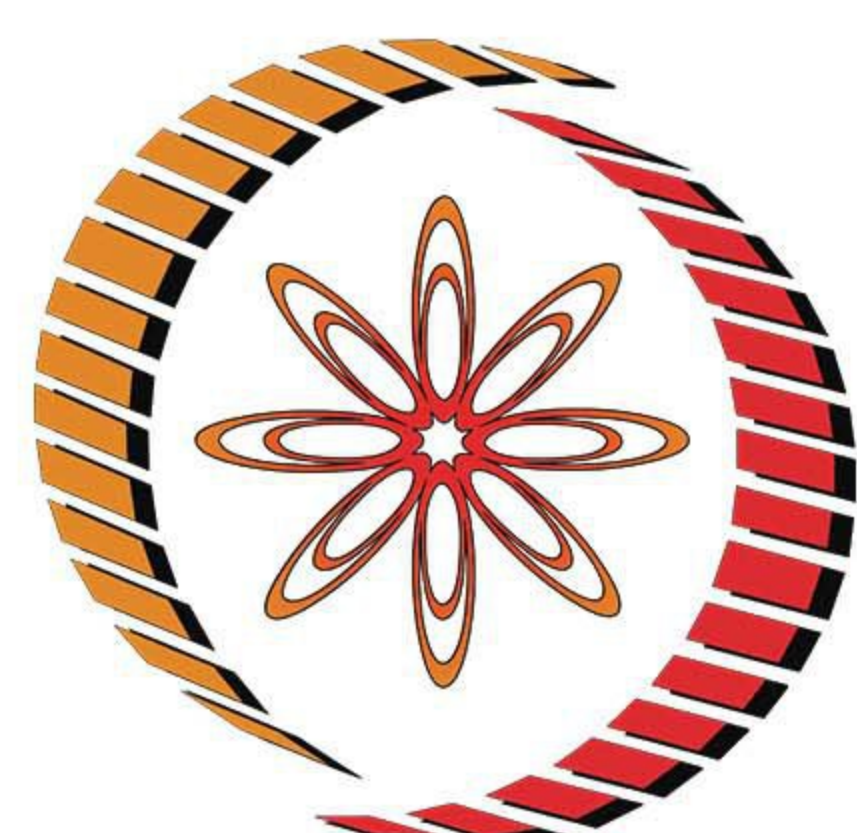
To
AKANKSHA SHAILENDRA KHARAT
DHONDGE CHAWL NEAR CHURCH
MARATHA KOLSEWADI KALYAN EAST
KALYAN
MAHARASHTRA - 421306
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Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Completed
< 40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



NPTEL Online Certification

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This certificate is awarded to

AKANKSHA SHAILENDRA KHARAT

for successfully completing the course

Financial Accounting

with a consolidated score of **52** %

Online Assignments	11.94/25	Proctored Exam	40.5/75
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Total number of candidates certified in this course: **435**

Prof. Tushar Jain
Centre for Continuing Education
IIT Mandi

Jan-Apr 2022
(12 week course)

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Mandi



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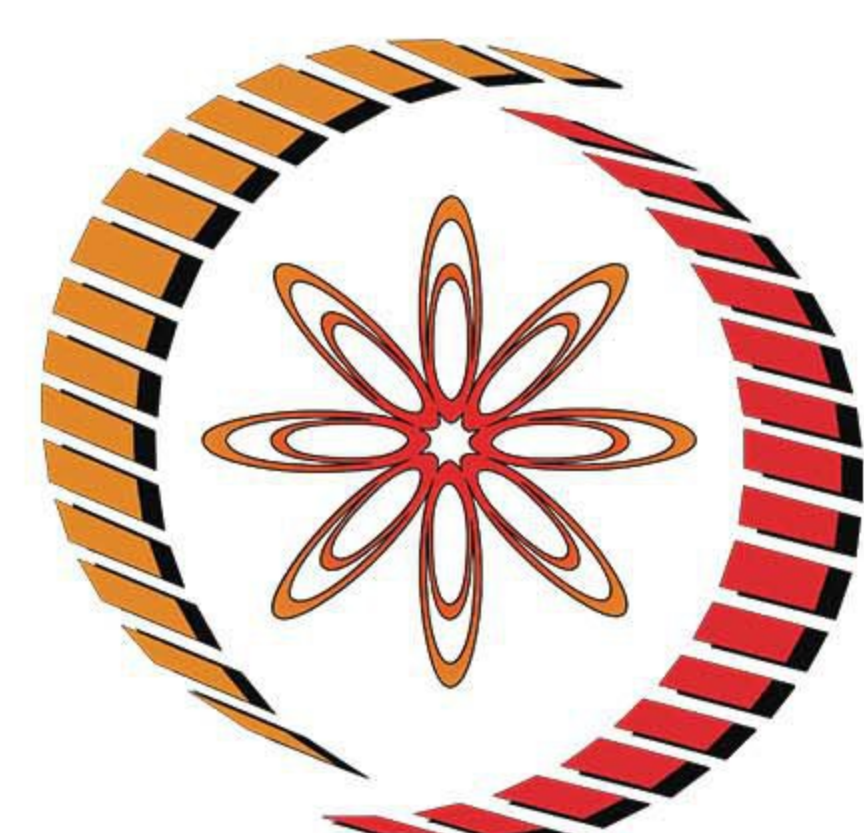
To
SAKSHI MAHADEVISINGH RAJPUT
SHREEAPRT ROOMNO.1,DURGAMATA MANDIR ROAD
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KALYAN
MAHARASHTRA - 421306
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Score	Type of Certificate
≥ 90	Elite+Gold
75-89	Elite+Silver
≥ 60	Elite
40-59	Successfully Completed
< 40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

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This certificate is awarded to

SAKSHI MAHADEVISINGH RAJPUT

for successfully completing the course

Financial Accounting

with a consolidated score of **60** %

Online Assignments	17.41/25	Proctored Exam	43/75
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Total number of candidates certified in this course: **435**

Prof. Tushar Jain
Centre for Continuing Education
IIT Mandi

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