

A. Course Handout

Institute/School Name	Chitkara University Institute of Engineering and Technology		
Department Name	Department of Computer Science & Engineering		
Programme Name	Bachelor of Engineering (B.E.), Computer Science & Engineering		
Course Name	Open Elective 1- Financial Accounting - I	Session	2024-2025
Course Code	23OE001	Semester/Batch	3 rd /2023
L-T-P (Per Week)	2-0-0	Course Credits	2
Course Coordinator	Dr. Dinesh Vij		

1. Objectives of the Course

The objectives of the course 'Finance for everyone' are:

- To understand the stable financial foundation and concepts that ought to guide the market.
- To learn how to simplify important financial calculations and apply that knowledge to real-life decisions
- To explore the changing influence of interest rates and equity pricing models.
- To understand pricing, diversification, uncertainty and even behavioural approaches to dealing with risk.
- To learn about the universal frameworks - idea that determine how ideas and money interact.
- To learn the component of cash flow and its impact..
- To explore factors that influence debt of organizations.
- To understand key money Decisions and participation in financial Markets

2. Course Learning Outcomes

Student should be able to:

	Course Outcome	POs	CL	KC
CLO01	Understanding of financial concept	PO1,PO2,PO7, PO8,PO9, PO11, PO12	K1	Factual Conceptual
CLO02	Development of understanding of important financial calculations.	PO1,PO2,PO3,PO6, PO11, PO12	K2	Conceptual Conceptual
CLO03	Justify the influence rate and impact of cash flow on market.	PO1,PO2,PO9, PO10, PO11, PO12	K1	Conceptual Procedural
CLO04	Preserving or creating Value and managing Debt	PO1,PO2, PO3, PO4, PO5, PO7, PO9, PO10, PO11, PO12	K1	Factual Conceptual
CLO05	Apply key money decisions who influence the debt and dealing with risk.	PO1,PO2, PO3, PO4, PO5, PO9, PO10, PO11, PO12	K2	Conceptual Procedural

Revised Bloom's Taxonomy Terminology

*Cognitive Level =CL

*Knowledge Categories = KC

Course Learning Outcomes	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12

Course Plan



CLO1	L	L					L	M	L		H	M
CLO2	L	L	L			L					H	M
CLO3	L	L							M	L	H	M
CLO4	L	M	L	L	L		L		M	L	H	M
CLO5	M	M	M	L	L				L	L	H	M

H=High, M=Medium, L=Low

3. ERISE Grid Mapping

Feature Enablement	Level(1-5, 5 being highest)
Entrepreneurship	1
Research	2
Innovation	1
Skills	2
Employability	3

4. Recommended Books:

B01: 'Financial Accounting', by P.C. Tulsian, Tata McGraw Hill, New Delhi.

B02: 'A Textbook of Financial, Cost and Management Accounting', by P. Periasamy, Himalaya Publishing House (2017).

B03: 'Financial Accounting: Concepts and Applications', Monga, J.R., Mayoor Paper Backs, New Delhi.

5. Other readings and relevant websites:

S.N.	Link of Journals, Magazines, Websites, and Research Papers
L01.	Financial Accounting Coursera

6. Course Plan:

Lecture Number	Topics	Recommended Books
1-3	An Introduction to (Corporate) Finance Introduction to the Specialization, Introduction to Finance for Everyone: Decisions, What is Finance?, 3 Important Aspects of Financial Decisions. Ideas & Time Value of Money I Decisions in Market Systems, Market Types, Time Value of Money I, The Dutch Auction, The 3-Step Procedure to Improve Problem-Solving, Financial Calculator Tutorial, LearnSmart: What it is and how to use it, LearnSmart: Introduction to Corporate Finance (Optional), Financial Calculator Options.	B01,L01

4-6	Debt & Time Value of Money II Repercussions of the Free Market, Income Inequality, Social and Environmental Consequences, Overextended Debt, Introduction to Annuities & Perpetuities, Future Value of an Annuity, Present Value of an Annuity, Perpetuities, LearnSmart: Introduction to Valuation: Time Value of Money (Optional). Decisions Synthesis Time Value of Money I Quiz Solutions, Time Value of Money II Quiz Solutions, Solutions to Final Quiz, Course 1 Epilogue, Solutions to Final Quiz using a Financial Calculator.	B01, L01
7-9	Welcome & Interest Rates Introduction to Finance for Everyone: Markets, Interest Rates Part 1 Interest Rates Part 2 Bonds Bonds Part I: Introduction, Bonds Part II: Pricing, Solutions to Bond Quiz, Background Information on Bonds(Optional), LearnSmart: Bond Valuation, MarketEx: Bonds Week Instructions, Bond Resources	B02, L01
10-12	Stocks Stocks: Introduction, Stocks: Pricing, Stocks: Turbulence, Solutions to Stocks Quiz, (Optional), LearnSmart: Stocks, MarketEx: Stocks Week Instructions, Stock Resources Derivatives & Course Presentation Introduction to Derivative Securities, Derivative Securities Part II, Derivative Securities Part III, Course 2 Epilogue, (Optional) LearnSmart: Options and Corporate Securities	B01, B03 & L01
13-15	Investment Techniques Trailer: World Events, Turbulence, and Your Money, Introduction to Finance for Everyone: Value Investment Techniques Capital Investment Decisions Cash Flow Assumptions, Cash Flow Components, Introduction to the Mini-Case, LearnSmart: Making Capital Investment Decisions (Strongly Recommend), Cash Flow Components Chart - Before and After Mini-Case Challenge	B03, L01
16-18	Market Efficiency & Risk Perfection & Correction Part 1 Mini-Case Solution, LearnSmart: Lessons from Capital Market History Market Inefficiency Perfection & Correction Part 2	L01
19-21	Welcome & Personal Debt Course Introduction Part I: Today's Temptation to Borrow, Course Introduction Part II: When Giving In to Temptation Becomes the Norm, Personal Debt Part I: Debt & Financial Literacy, Personal Debt Part II: Reading the Signs of 2007 and Today, Personal Debt Part III: Common Types & Taking Stock Corporate Debt Firm Debt Part 1: Calculating How Much to Borrow, Firm Debt Part 2: Theorizing How Much to Borrow, LearnSmart: Financial Leverage and Capital Structure Policy	B02, L01
22-24	Government Debt Sovereign Debt Part I: Global Money Flow in the 21st Century, Sovereign Debt Part II: The Big Picture Debt Synthesis: A case study	L01
25-27	Module5: Finance for everyone: Capstan Project STAGE I:	L01

	Introduction to Capstone I: Summary & Key Concepts, Overview of the Capstone Process STAGE 2: Welcome Stage II: Process and Tips!	
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7. Action plan for different types of learners

Slow Learners	Average Learners	Fast Learners
(Not required)	(Not required)	(Not required)

8. Evaluation Scheme & Components:

Evaluation Component	Type of Component	No. of Assessments	Weightage of Component	Mode of Assessment
Component 1	Self Learn Mode And Certificate Submission	1	100%	Online

9. Syllabus of the Course:

Subject: Open Elective 1- Finance for Everyone	
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S.No.	Topic (s)	Weightage %
1	Module1: Finance for everyone: Decision An Introduction to (Corporate) Finance Introduction to the Specialization, Introduction to Finance for Everyone: Decisions, What is Finance?, 3 Important Aspects of Financial Decisions. Ideas & Time Value of Money I Decisions in Market Systems, Market TypesTime Value of Money I, The Dutch Auction, The 3-Step Procedure to Improve Problem-Solving, Financial Calculator Tutorial, LearnSmart: What it is and how to use it, LearnSmart: Introduction to Corporate Finance (Optional), Financial Calculator Options. Debt & Time Value of Money II Repercussions of the Free Market, Income Inequality, Social and Environmental Consequences, Overextended Debt, Introduction to Annuities & Perpetuities, Future Value of an Annuity, Present Value of an Annuity, Perpetuities, LearnSmart: Introduction to Valuation: Time Value of Money (Optional). Decisions Synthesis Time Value of Money I Quiz Solutions, Time Value of Money II Quiz Solutions, Solutions to Final Quiz, Course 1 Epilogue, Solutions to Final Quiz using a Financial Calculator.	25%
2	Module2: Finance for everyone: Market Welcome & Interest Rates Introduction to Finance for Everyone: Markets, Interest Rates Part 1Interest Rates Part 2 Bonds Bonds Part I: Introduction, Bonds Part II: Pricing, Solutions to Bond Quiz, Background Information on Bonds(Optional), LearnSmart: Bond Valuation, MarketEx: Bonds Week Instructions, Bond Resources	22%

	Stocks Stocks: Introduction, Stocks: Pricing, Stocks: Turbulence, Solutions to Stocks Quiz, (Optional), LearnSmart: Stocks, MarketEx: Stocks Week Instructions, Stock Resources Derivatives & Course Presentation Introduction to Derivative Securities, Derivative Securities Part II, Derivative Securities Part III, Course 2 Epilogue, (Optional) LearnSmart: Options and Corporate Securities	
3	Module3: Finance for everyone: Value Investment Techniques Trailer: World Events, Turbulence, and Your Money, Introduction to Finance for Everyone: Value Investment Techniques Capital Investment Decisions Cash Flow Assumptions, Cash Flow Components, Introduction to the Mini-Case, LearnSmart: Making Capital Investment Decisions (Strongly Recommend), Cash Flow Components Chart - Before and After Mini-Case Challenge Market Efficiency & Risk Perfection & Correction Part 1 Mini-Case Solution, LearnSmart: Lessons from Capital Market History Market Inefficiency Perfection & Correction Part 2	22%
4	Module4: Finance for everyone: Debt Welcome & Personal Debt Course Introduction Part I: Today's Temptation to Borrow, Course Introduction Part II: When Giving In to Temptation Becomes the Norm, Personal Debt Part I: Debt & Financial Literacy, Personal Debt Part II: Reading the Signs of 2007 and Today, Personal Debt Part III: Common Types & Taking Stock Corporate Debt Firm Debt Part 1: Calculating How Much to Borrow, Firm Debt Part 2: Theorizing How Much to Borrow, LearnSmart: Financial Leverage and Capital Structure Policy Government Debt Sovereign Debt Part I: Global Money Flow in the 21st Century, Sovereign Debt Part II: The Big Picture Debt Synthesis: A case study	21%
5	Module5: Finance for everyone: Capstan Project STAGE I: Introduction to Capstone I: Summary & Key Concepts, Overview of the Capstone Process STAGE 2: Welcome Stage II: Process and Tips!	10%

This Document is approved by:

Designation	Name	Signature
Course Coordinator	Dr. Dinesh Vij	
Head-Academic Delivery	Dr. Mrinal Paliwal	
Dean	Dr. Rishu Chhabra	
Dean Academics	Dr. Monit Kapoor	
Date	26.06.2024	