

University of Mumbai

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विद्याविषयक प्राधिकरणे
सभा आणि सेवा विभाग(ए.ए.एम.एस)
कम नं. १२८ एम.जी.रोड, फोर्ट,
मुंबई - ४०० ०३२
टेलिफोन नं - ०२२ - ६८३२००३३

(नॅक पुनर्मूल्यांकनाद्वारे ३.६५ (सी.जी.पी.ए.) सह अ++ श्रेणी
विद्यापीठ अनुदान आयोगाद्वारे श्रेणी १ विद्यापीठ दर्जा)


क.वि.प्रा.स.से./आयसीडी/२०२५-२६/३७

दिनांक : २७ मे, २०२५

परिपत्रक:-

सर्व प्राचार्य/संचालक, संलग्नित महाविद्यालये/संस्था, विद्यापीठ शैक्षणिक विभागांचे संचालक/ विभाग प्रमुख यांना कळविण्यात येते की, राष्ट्रीय शैक्षणिक धोरण २०२० च्या अमलबजावणीच्या अनुषंगाने शैक्षणिक वर्ष २०२५-२६ पासून पदवी व पदव्युत्तर अभ्यासक्रम विद्यापरिषदेच्या दिनांक २८ मार्च २०२५ व २० मे, २०२५ च्या बैठकीमध्ये मंजूर झालेले सर्व अभ्यासक्रम मुंबई विद्यापीठाच्या www.mu.ac.in या संकेत स्थळावर NEP २०२० या टॅब वर उपलब्ध करण्यात आलेले आहेत.

मुंबई - ४०० ०३२
२७ मे, २०२५


(डॉ. प्रसाद कारडे)
कुलसचिव

क.वि.प्रा.स.से.वि/आयसीडी/२०२५-२६/३७ दिनांक : २७ मे, २०२५
Desktop/ Pritam Loke/Marathi Circular/NEP Tab Circular



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8	The Deputy Registrar, Executive Authorities Section (EA) eau120@fort.mu.ac.in He is requested to treat this as action taken report on the concerned resolution adopted by the Academic Council referred to the above circular.
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4	P.A to all Deans of all Faculties
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As Per NEP 2020

University of Mumbai



Syllabus for Major Vertical – 1 & 4

Name of the Programme – B.Com. (Financial Markets)

Faulty of Commerce & Management

Board of Studies in Financial Markets

U.G. Second Year Programme	Exit Degree	U.G. Diploma in Financial Markets
Semester	III & IV	
From the Academic Year	2025-26	

University of Mumbai



(As per NEP 2020)

Sr. No.	Heading	Particulars
1	Title of program O: _____	B.Com. (Financial Markets)
2	Exit Degree	U.G. Diploma in Financial Markets
3	Scheme of Examination R: _____	NEP 40% Internal 60% External, Semester E nd Examination Individual Passing in Internal and External Examination
4	Standards of Passing R: _____	40%
5	Credit Structure Sem. III – R: CU – 530C Sem. IV – R: CU – 530D	Attached herewith
6	Semesters	Sem. III & IV
7	Program Academic Level	5.00
8	Pattern	Semester
9	Status	New
10	To be implemented from Academic Year	2025-26

Sd/-
Sign of the BOS
Chairman
Dr.V.N.Yadav
Board of Studies in
Financial Markets

Sd/-
Sign of the
Offg. Associate Dean
Prin. Kishori Bhagat
Faculty of Commerce
& Management

Sd/-
Sign of the
Offg. Associate Dean
Prof. Kavita Laghate
Faculty of Commerce
& Management

Sd/-
Sign of the
Offg. Dean
Prin. Ravindra
Bambardekar
Faculty of
Commerce &
Management

Under Graduate Diploma in Financial Markets

Credit Structure (Sem. III & IV)

R: _____

Level 1	Semester	Major		Minor	OE	VSC, SEC (VSEC)	AEC, VEC, IKS	OJT, FP, CEP, CC, RP	Cum. Cr. / Sem.	Degree / Cum. Cr.	
		Mandatory	Electives								
5.0	III	8(2*4) Equity Markets (4) Debt Markets (4)		4	2	VSC:2, Day Trading Techniques & Practices (2)	AEC: 2	FP: 2 CC:2 CC:2	22	UG Diplo ma 88	
	R:_____										
	IV	8 Commodity Markets (4) Treasury Management (4)		4	2	SEC:2 Sector Analysis in Financial Markets (2)	AEC: 2	CEP: 2 CC:2 CC:2	22		
	Cum Cr.	28		10	12	6+6	8+4+ 2	8+ 4	88		

Exit option; Award of UG Diploma in Major and Minor with 80-88 credits and an additional 4 credits core NSQF course/ Internship OR Continue with Major and Minor

[Abbreviation - OE – Open Electives, VSC – Vocation Skill Course, SEC – Skill Enhancement Course, (VSEC), AEC – Ability Enhancement Course, VEC – Value Education Course, IKS – Indian Knowledge System, OJT – on Job Training, FP – Field Project, CEP – Continuing Education Program, CC – Co-Curricular, RP – Research Project]

Sem. – III

Vertical – 1 Major

Syllabus
B. Com. (Financial Markets)
(Sem. - III)

Title of Paper : Equity Markets

Sr. No.	Heading	Particulars
1	Description the course : Including but Not limited to :	Equity Market course provides a comprehensive understanding of the equity markets, It is designed to equip individuals with the knowledge and skills necessary to navigate the complexities of the equity market and make informed investment decisions. The course typically covers the fundamentals of equity markets, including the relationship between risk and return, different types of equities and funds, the functioning of stock exchanges.
2	Vertical :	Major
3	Type :	Theory / Practical
4	Credit:	4 credits
5	Hours Allotted :	60 Hours
6	Marks Allotted:	100 Marks
7	Course Objectives: <ul style="list-style-type: none">• To provide a comprehensive overview of the equity market, including its structure, participants, and key concepts.• To familiarize students with the various types of equity securities, such as common stock, preferred stock, and hybrid securities.• To provide insights into how stock exchanges operate, including the processes of order placement, settlement, and pricing.• To develop an understanding of the relationship between risk and return in the equity market.• To provide students with the necessary knowledge and skills to pursue careers in investment banking, sales and trading, treasury, and other areas of finance. equities.	

8	Course Outcomes: <ul style="list-style-type: none"> • Demonstrate a comprehensive understanding of equity markets • Differentiate between various types of equities and funds • Evaluate different investment styles and strategies • Assess risk and return in equity investments • Analyze the impact of market factors on equity prices • Construct and manage equity portfolios • Communicate effectively about equity markets • Make informed investment decisions.
9	Modules:- Module 1: Equity Markets- Introduction <ul style="list-style-type: none"> • Meaning and Definition of equity shares • Growth of Corporate Sector and the simultaneous growth in the number of equity shareholders • Separation of ownership and management in companies • Development of equity culture in India- Current position Module 2: Primary Market <ul style="list-style-type: none"> • IPO - Methods followed, Book Building, Offer for sale • Role of Merchant bankers in fixing the price • Red – Herring Prospectus – it's unique features • ASBA and its features • Green Shoe option • Sweat equity, ESOP • Rights issue of shares, Non voting shares ,ADR, GDR,IDR Module 3: Secondary Market <ul style="list-style-type: none"> • Definition and functions of stock Exchanges • Evolution and Growth of Stock Exchanges in India • NSE, BSE, SME Exchanges and Overseas Stock Exchanges • Recent Development in Stock Exchanges, Merger of SEBI with FOMC • Stock Market Indices Module 4: Importance of Equity Markets in developing country like India <ul style="list-style-type: none"> • Need for attracting more investors towards equity • Need for strengthening secondary markets • Link between Primary Market and Secondary Market
10	Reference Books: <ol style="list-style-type: none"> 1. Equity Markets in India- Shveta singh & P K Jain 2. Equity and Debt Markets- Hardeep Kaur 3. An Introduction to Equity Markets- David Dasey 4. Equity Market : Dr. P.G. Gopalakrishnan, Mrs. Nandini Jagannarayan <p>Performance Evaluation of Equity Share Market: Dr. G. S. Lodhi</p>

11	Internal Continuous Assessment: 40%	External, Semester End Examination 60% Individual Passing in Internal and External Examination
12	Continuous Evaluation through: Quizzes, Class Tests, presentation, project, role play, creative writing, assignment etc. (at least 4)	Theory Based

QUESTION PAPER PATTERN

(External and Internal)

Total 100 Marks: 60 Marks External and 40 Marks Internal

60 Marks External

Duration : 2 Hour

Marks : 60 Marks

Note: Any 4 out of 6

Q.1 Answer the following (15 Marks)

- a)
- b)

Q.2 Answer the following (15 Marks)

- a)
- b)

Q.3 Answer the following (15 Marks)

- a)
- b)

Q.4 Answer the following (15 Marks)

- a)
- b)

Q.5 Answer the following (15 Marks)

- a)
- b)

Q.6 Answer the following (15 Marks)

- a)
- b)

40 Marks Internal

- | | |
|----------------------------|------------------|
| 1. Class Test | (5 Marks) |
| 2. Assignment | (5 Marks) |
| 3. Presentation | (5 Marks) |
| 4. Group Discussion | (5 Marks) |
| 5. Quiz | (5 Marks) |
| 6. Case Study | (5 Marks) |
| 7. Projects | (5 Marks) |
| 8. Creative writing | (5 Marks) |
| 9. Role play | (5 Marks) |

Note: 1. Any Four out of the above can be taken for internal Assessment.

2. The internal Assessment shall be conducted throughout the semester

Syllabus

B. Com. (Financial Markets)

(Sem. - III)

Title of Paper : Debt Markets

Sr. No.	Heading	Particulars
1	Description the course : Including but Not limited to :	<p>This course provides a comprehensive introduction to the debt market, with a specific focus on the Indian context. It covers the evolution, structure, and key participants in the debt market, including the primary and secondary markets. The course delves into various debt instruments, with a particular emphasis on bonds, their features, types, and issuers. Students will also learn about the regulatory framework governing the Indian debt market and the crucial role of bond ratings. Furthermore, the course will introduce the fundamental concepts of bond valuation, including determinants of value, bond mathematics, and yield curve analysis.</p>
2	Vertical :	Major
3	Type :	Theory / Practical
4	Credit:	4 credits
5	Hours Allotted :	60 Hours
6	Marks Allotted:	100 Marks
7	Course Objectives: <ul style="list-style-type: none"> To understand the evolution and current state of debt markets in India. To differentiate between the primary and secondary debt markets. To distinguish between the money market and the broader debt market in India. To understand the regulatory framework governing the Indian debt market. To recognize and describe the key instruments and players in the debt market, particularly focusing on government securities. To understand the role of institutions like the Securities Trading Corporation of India and Primary Dealers. To Identify and describe the key features, types, and issuers of bonds. 	

8	<p>Course Outcomes:</p> <ul style="list-style-type: none"> • Describe the historical development and current landscape of the Indian debt market. • Differentiate between short-term money market instruments and longer-term debt market instruments. • Articulate the key characteristics of various debt instruments, including bonds and treasury bills. • Summarize the key regulations and regulatory bodies influencing the Indian debt market. • Categorize different types of bonds based on their features and issuers. • Evaluate the significance of bond ratings for investors and issuers. • Identify the key factors that influence the value of bonds. • Interpret yield curves and understand their implications for interest rate expectations.
9	<p>Modules:-</p> <p>Module 1: Introduction to the debt markets</p> <ul style="list-style-type: none"> • Evolution of Debt Markets in India • Primary market & secondary market • Money market & Debt Market in India • Fundamental features of debt instruments • Regulatory framework in the Indian debt market <p>Module 2: Instruments & players in debt markets</p> <ul style="list-style-type: none"> • Central government securities: bonds, t-bills, state government bonds, • Open market operations • Securities Trading Corporation of India • Primary dealers in Government Securities • Clearing Corporation of India <p>Module 3: Bonds</p> <ul style="list-style-type: none"> • Features of bonds • Types of bonds • Issuers of bonds • Bond ratings- importance & relevance and rating agencies <p>Module 4: Valuation of bonds</p> <ul style="list-style-type: none"> • Determinants of the value of bonds • Bond Mathematics • Yield Curve Analysis
10	<p>Reference Books:</p> <ul style="list-style-type: none"> • Bhardwaj, Gautam, (2008), The Future of India's Debt Market, Tata McGraw Hill. • Suryanarayan, (2002), Debt Market, ICFAI Publication Press. • Fabozzi, Frank, (2004), Fixed Income Analysis Workbook, 2nd edition , John Wiley & Sons • Shah, Ajay, Thomas, Sushan and Gorham, Michael, (2008), Indian Financial

	Markets, Elsevier, USA <ul style="list-style-type: none"> • FIMMDA-NSE Debt Market (Basic) Module, Workbook from NSE. • Dun and Bradstreet, (2008), Fixed Income Securities, Tata McGraw Hill. • Debt market : Jennie Prajith Beginner's Guide to the Indian Debt Market: Rajiv Shastri	
11	Internal Continuous Assessment: 40%	External, Semester End Examination 60% Individual Passing in Internal and External Examination
12	Continuous Evaluation through: Quizzes, Class Tests, presentation, project, role play, creative writing, assignment etc. (at least 4)	Theory Based

QUESTION PAPER PATTERN

(External and Internal)

Total 100 Marks: 60 Marks External and 40 Marks Internal

60 Marks External

Duration : 2 Hour

Marks : 60 Marks

Note: Any 4 out of 6

Q.1 Answer the following (15 Marks)

- a)
- b)

Q.2 Answer the following (15 Marks)

- a)
- b)

Q.3 Answer the following (15 Marks)

- a)
- b)

Q.4 Answer the following (15 Marks)

- a)
- b)

Q.5 Answer the following (15 Marks)

- a)
- b)

Q.6 Answer the following (15 Marks)

- a)
- b)

40 Marks Internal

- | | |
|-----------------------------|------------------|
| 10. Class Test | (5 Marks) |
| 11. Assignment | (5 Marks) |
| 12. Presentation | (5 Marks) |
| 13. Group Discussion | (5 Marks) |
| 14. Quiz | (5 Marks) |
| 15. Case Study | (5 Marks) |
| 16. Projects | (5 Marks) |
| 17. Creative writing | (5 Marks) |
| 18. Role play | (5 Marks) |

Note: 1. Any Four out of the above can be taken for internal Assessment.

2. The internal Assessment shall be conducted throughout the semester

Vertical - 4

VSC

Syllabus
B. Com. (Financial Markets)
(Sem. - III)

Title of Paper : Day Trading Techniques & Practices

Sr. No.	Heading	Particulars
1	Description the course : Including but Not limited to :	This course is designed to equip students with essential skills in intraday trading, market analysis, and risk management. The course covers technical indicators, chart patterns, market psychology and real-time trading strategies to help learners develop a structured approach to day trading
2	Vertical :	VSC
3	Type :	Theory / Practical
4	Credit:	2 credits
5	Hours Allotted :	45 Hours (15 Hours theory + 30 Hours Practical)
6	Marks Allotted:	50 Marks
7	Course Objectives: <ul style="list-style-type: none">• To understand day trading principles, strategies and market structures• To apply technical indicators, chart patterns and volume analysis for short term trades.• To develop trading discipline, risk management and execution speed.• To practice live trading simulations for market exposure and strategy refinement• To evaluate real-time price movements and trading opportunities using advanced tools	

8	<p>Course Outcomes:</p> <ul style="list-style-type: none"> • The students will learn fundamentals of day trading and market structure • Identify and apply key technical indicators for day trading • Execute scalping, momentum and breakout trading strategies. • Implement risk management and position sizing techniques • Analyse real time price movements and volume trends.
9	<p>Modules:- Per credit One module can be created</p>
	<p>Module 1: Day Trading Fundamentals (15 Hours Theory)</p>
	<ul style="list-style-type: none"> • Introduction to Day trading: Basics of intraday Vs. Positional trading- Understanding market participants and liquidity- market hours, volatility and trading sessions. • Technical Analysis for Day trading: Charting tools (Candle stick patterns, OHLC charts, Tick charts)-Indicators (Moving averages, Bollinger banks, RSI, MACD. Support and Resistance: Pivot points, Fibonacci retracements. • Trading Strategies & Execution : Scalping and high frequency trading (Quick trades in small price movements-Introduction to Algo trading -Momentum trading (Trading stocks with strong price trends)- Breakout Trading- Identifying break out levels using volume and trend analysis- Reversal trading (Spotting false breakouts & trend reversals • Risk Management & psychology: Position sizing, stop-loss placement, and risk reward ratios- trading psychology (fear, greed, over trading and emotional discipline)
	<p>Module 2: Day Trading Applications and Strategies (30 Hours Practical)</p>
	<ul style="list-style-type: none"> • Charting & Indicator-Based analysis (10 Hours) Using Trading view, NSE/BSE platforms, and brokerage tools, Back testing intraday trading strategies with historical data- Live chart reading exercises. • Market simulation and live trading practice (10 Hours) Paper trading and virtual stock market simulations –Executing trades on simulated platforms like Zerodha, Sensibull, etc. • Risk Management and case study -Calculating risk-reward ratios and profit targets- Tracking real time price
10	<p>Reference Books:</p> <ul style="list-style-type: none"> • Intraday trading strategies-Ankit Gala & Jitendra Gala • Stock market guide for beginners- Rajiv Kapoor • How to Make money in intraday trading-Ashwani Gujral and RAnchana A Vaidya • Mastering technical analysis-Prashant shah • Trade like a stock market Wizard” –Vishal Malkan and Meghana Malkan • Day Trading : David Reese •

11	Internal Continuous Assessment: 40%	External, Semester End Examination 60% Individual Passing in Internal and External Examination
12	Continuous Evaluation through: Quizzes, Class Tests, presentation, project, role play, creative writing, assignment etc. (at least 4)	Theory/practical exam

Total 50 Marks: 30 Marks External and 20 Marks Internal

30 Marks External

Duration : 1 Hour

Marks : 30 Marks

Note: Any 2 out of 3

Q.1 Answer the following

(15 Marks)

- a)
- b)

Q.2 Answer the following

(15 Marks)

- a)
- b)

Q.3 Answer the following

(15 Marks)

- a)
- b)

20 Marks Internal

- | | |
|----------------------------|------------------|
| 1. Class Test | (5 Marks) |
| 2. Assignment | (5 Marks) |
| 3. Presentation | (5 Marks) |
| 4. Group Discussion | (5 Marks) |
| 5. Quiz | (5 Marks) |
| 6. Case Study | (5 Marks) |
| 7. Projects | (5 Marks) |
| 8. Creative writing | (5 Marks) |
| 9. Role play | (5 Marks) |

Note: 1. Any Four out of the above can be taken for internal Assessment.

2. The internal Assessment shall be conducted throughout the semester

Sem. – IV

Vertical – 1 Major

Syllabus

B.Com. (Financial Markets)

(Sem.- IV)

Title of Paper : Commodity Markets

Sr. No.	Heading	Particulars
1	Description the course : Including but Not limited to :	<p>This course provides a comprehensive introduction to commodity markets, exploring their historical development, global dynamics, and specific focus on the Indian context. It covers the structure and functioning of commodity exchanges in India, the role of information, and the linkages between commodity and equity markets. The course examines various aspects of commodity trading, including futures contracts, clearing methods, and the distinction between commodity-specific and multi-commodity exchanges. Finally, it delves into the efforts and roles of different stakeholders in strengthening commodity markets in India, including the government, exchanges, and other institutions, highlighting the importance of training and development in the sector.</p>
2	Vertical :	Major
3	Type :	Theory
4	Credit:	4 credits
5	Hours Allotted :	60 Hours
6	Marks Allotted:	100 Marks
7	Course Objectives: <ul style="list-style-type: none"> To understand the historical emergence and evolution of commodity markets globally. To analyze the dynamics of global commodity markets and the factors influencing them. To gain a comprehensive understanding of the commodity market landscape in India. To Identify and describe the various commodity exchanges operating in India. To appreciate the crucial role of information in commodity markets and price discovery. To analyze the linkages and interdependencies between equity markets and commodity markets. 	

8	<p>Course outcomes:</p> <ul style="list-style-type: none"> • Describe the historical development and significance of commodity markets. • Analyze the key drivers and trends in global commodity markets. • Identify the major commodity exchanges in India and the commodities they trade. • Analyze the relationship and potential for diversification between equity and commodity investments. • Articulate the core functions of commodity exchanges in facilitating trade and managing risk. • Understand the mechanics and applications of commodity futures contracts for hedging and speculation. • Evaluate the effectiveness of government policies aimed at developing the Indian commodity market. • Assess the roles of exchanges and other institutions in enhancing market efficiency and participation.
9	<p>Modules:-</p> <p>Module 1: Introduction to Commodity Market</p> <ul style="list-style-type: none"> • Emergence of Commodity Market • Dynamics of global commodity markets <p>Module 2: Commodity Market in India</p> <ul style="list-style-type: none"> • Commodity Exchanges in India • Role of Information in Commodity Markets • Linkages between equity markets and commodity markets • Commodity markets - Logistics and Warehousing <p>Module 3: Commodity Exchanges</p> <ul style="list-style-type: none"> • Function & Role • Trading & Clearing methods • Commodity futures • Commodity Specific Exchanges Vs Multi Commodity Exchanges <p>Module 4:- Strengthening commodity markets in India.</p> <ul style="list-style-type: none"> • Role of Government • Role of Commodity Exchanges • Other Institutions • Training & development of Dealers
10	<p>Reference Books:</p> <p>Commodities Market Module, Workbook from NSE o Chatnani, (2010), Commodity Markets, 1st edition, Tata McGraw Hill. o Kleinman, George, (2001), Commodity Futures & Options, 2nd (revised, illustrated edition), Prentice Hall. o Stephens, John. (2001), Managing Commodity Risk, John Wiley & Sons. o Indian Institute of Banking & Finance, (2007), Commodity Derivatives, Macmillan India Ltd</p>

	Commodity Markets and Derivatives : Niti Nandini Chatnani Indian Commodity Market : Ankit Gala & Jitendra Gala	
11	Internal Continuous Assessment: 40%	External, Semester End Examination 60% Individual Passing in Internal and External Examination
12	Continuous Evaluation through: Quizzes, Class Tests, presentation, project, role play, creative writing, assignment etc. (at least 4)	Theory Exam

QUESTION PAPER PATTERN

(External and Internal)

Total 100 Marks: 60 Marks External and 40 Marks Internal

60 Marks External

Duration : 2 Hour

Marks : 60 Marks

Note: Any 4 out of 6

Q.1 Answer the following (15 Marks)

- a)
- b)

Q.2 Answer the following (15 Marks)

- a)
- b)

Q.3 Answer the following (15 Marks)

- a)
- b)

Q.4 Answer the following (15 Marks)

- a)
- b)

Q.5 Answer the following (15 Marks)

- a)
- b)

Q.6 Answer the following (15 Marks)

- a)
- b)

40 Marks Internal

- | | |
|-----------------------------|------------------|
| 19. Class Test | (5 Marks) |
| 20. Assignment | (5 Marks) |
| 21. Presentation | (5 Marks) |
| 22. Group Discussion | (5 Marks) |
| 23. Quiz | (5 Marks) |
| 24. Case Study | (5 Marks) |
| 25. Projects | (5 Marks) |
| 26. Creative writing | (5 Marks) |
| 27. Role play | (5 Marks) |

Note: 1. Any Four out of the above can be taken for internal Assessment.

2. The internal Assessment shall be conducted throughout the semester

Syllabus

B.Com. (Financial Markets)

(Sem.- IV)

Title of Paper : Treasury Management

Sr. No.	Heading	Particulars
1	Description the course : Including but Not limited to :	This course equips students with essential skills in treasury operations, liquidity management, and risk mitigation. It covers treasury markets, services, and regulations, along with cross-currency trading, exchange rate analysis, and arbitrage strategies. Students will also explore real-time risk assessment and the use of AI and blockchain in treasury operations.
2	Vertical :	Major
3	Type :	Theory
4	Credit:	4 credits
5	Hours Allotted :	60 Hours
6	Marks Allotted:	100 Marks
7	Course Objectives: <ul style="list-style-type: none"> To define the fundamental concepts of Treasury Management, including its scope, functions, and operational structure. To explain the structure of domestic and international treasury markets, their products, dimensions, and regulatory frameworks. To apply techniques in liquidity management, currency exchange calculations, and treasury operations in practical scenarios. To analyze exchange rate volatility, treasury risk exposure, and the impact of regulatory frameworks. To evaluate and develop risk mitigation strategies using AI-driven analytics, predictive modeling, and treasury management systems. 	
8	Course outcomes: <ul style="list-style-type: none"> The student will learn the basics of treasury management Analyze domestic and international treasury markets, their products, and regulatory frameworks. Apply concepts of cross-currency forwards, exchange rate movements, and arbitrage strategies. Implement risk mitigation techniques using AI, predictive modeling, and blockchain security. 	

9	Modules:- Per credit One module can be created
	Module 1: Introduction to Treasury Management
	Treasury Management - Meaning, benefits, functions, scope, and challenges. Structure and Organisation of Treasury Management Roles and Responsibilities of Treasury Management Department Liquidity Management in Treasuries – Cash Forecasting Treasury Operations - Fund allocation, capital management, and financial decision-making
	Module 2: Classification of treasury market and Treasury Services
	Domestic Treasury Market, International Treasury - Features, products, dimensions, ideal ticket size, regulatory framework Treasury Services - Bank Treasury, Government Treasury, Corporate Treasury – Functions, Importance and Applications International Bond market - Types of bonds, Market Structure, Regulatory Framework, Recent Developments
	Module 3: Cross Currency forwards, present and future value
	Calculation of premium, discount etc, pre utilisation of contracts Exchange rate movement- volatility of major currencies Exchange rate and interest rate arbitrage- NDF Markets Cross Currency futures FEDAI Guidelines for merchant quotes. Bid rate and Ask rate Practical sums on currency exchange.
10	Module 4:- Treasury Risk Management
	Risk Management Framework - Policies, governance, and compliance (Basel III, IFRS 9). Exposure Limits - Managing intraday, day-end, and overnight positions; algorithmic limit orders. Position Mismatch & Risk Limits - Gap analysis, stress testing, stop-loss limits, and VaR modeling. Risk Mitigation - AI-driven analytics, predictive modeling, blockchain security, Treasury management system (TMS), real-time liquidity tracking, and cyber risk controls.
	Reference Books: Foreign Exchange and Treasury Management – A.V. Rajwade (Tata McGraw-Hill) The Handbook of Global Corporate Treasury – Rajiv Rajendra (Wiley India) Treasury and Risk Management in Banks – N. S. Toor (Skylark Publications) Treasury Management – Indian Institute of Banking & Finance (IIBF) (Macmillan Publishers India) Treasury Management – Steven M Bragg (Wiley Publications) Treasury Management an Introduction to Forex and Derivatives - Raj Kumar Sharma Treasury Management in India - Dr. V.A. Avadhani (Himalaya Publishing House Pvt.) 1. Theory and Practice of Forex and Treasury Management – The Institute of Chartered Accountants of India (ICAI)

	2. Financial, Treasury and Forex Management – The Institute of Company Secretaries of India (ICSI)	
11	Internal Continuous Assessment: 40%	External, Semester End Examination 60% Individual Passing in Internal and External Examination
12	Continuous Evaluation through: Quizzes, Class Tests, presentation, project, role play, creative writing, assignment etc. (at least 4)	Theory Exam

QUESTION PAPER PATTERN

(External and Internal)

Total 100 Marks: 60 Marks External and 40 Marks Internal

60 Marks External

Duration : 2 Hour

Marks : 60 Marks

Note: Any 4 out of 6

Q.1 Answer the following (15 Marks)

a)

b)

Q.2 Answer the following (15 Marks)

a)

b)

Q.3 Answer the following (15 Marks)

a)

b)

Q.4 Answer the following (15 Marks)

a)

b)

Q.5 Answer the following (15 Marks)

a)

b)

Q.6 Answer the following (15 Marks)

a)

b)

40 Marks Internal

- | | |
|-----------------------------|------------------|
| 28. Class Test | (5 Marks) |
| 29. Assignment | (5 Marks) |
| 30. Presentation | (5 Marks) |
| 31. Group Discussion | (5 Marks) |
| 32. Quiz | (5 Marks) |
| 33. Case Study | (5 Marks) |
| 34. Projects | (5 Marks) |
| 35. Creative writing | (5 Marks) |
| 36. Role play | (5 Marks) |

Note: 1. Any Four out of the above can be taken for internal Assessment.

2. The internal Assessment shall be conducted throughout the semester

SEC

Syllabus
B. Com. (Financial Markets)
(Sem.- IV)

Title of Paper : Sector Analysis in Financial Markets

Sr. No.	Heading	Particulars
1	Description the course : Including but Not limited to :	The Skill Enhancement Course on Sector Analysis in Financial Markets is designed to develop practical skills for analyzing various industry sectors within the financial markets. It provides hands-on training in financial data interpretation, sectoral performance evaluation, investment decision-making, and trend analysis. By the end of this course, students will be equipped with industry-relevant sector analysis skills required for careers in investment research, financial analysis, and portfolio management.
2	Vertical :	SEC
3	Type :	Theory / Practical
4	Credit:	2 credits
5	Hours Allotted :	45 Hours (15 Hours theory + 30 Hours Practical)
6	Marks Allotted:	50 Marks
7	Course Objectives: (List some of the course objectives) 1. To understand sector classification, market segmentation, and industry life cycles. 2. To analyze financial performance indicators and economic influences on sectors. 3. To apply fundamental and technical analysis for sector evaluation. 4. To use SWOT & Porter's Five Forces models for comparative sector analysis. 5. To assess sectoral investment opportunities & emerging trends in financial markets.	

8	<p>Course Outcomes: (List some of the course outcomes)</p> <ol style="list-style-type: none"> 1.The learner will develop practical skills for analyzing various industry sectors within the financial markets 2. It provides hands-on training in financial data interpretation, sectoral performance evaluation, investment decision-making, and trend analysis. 3. industry-relevant sector analysis skills
9	<p>Modules:- Per credit One module can be created</p> <p>Module 1:Introduction to Sector Analysis (15 Hours)</p> <ul style="list-style-type: none"> • Understanding Financial sectors : Definition and classification of sectors in financial markets-sectoral differences (Cyclical Vs Non-Cyclical)-Global and Indian sector classifications(GICS,NSE/BSE Indices) • Sector Performance Indicators : market Capitalisation and Industry benchmarks-Key financial Metrics (P/E ratio, EPS, ROE, Dividend Yield)- Sectoral indices: NIFTY Bank, NIFTY IT, NIFTY Auto • Macroeconomics & Microeconomic Influences: GDP growth, inflation, interest rates, monetary policy-Micro economic factors(Demand and supply dynamics, competitive forces) • Industry Life Cycles and Market Phases : Stages of industry life cycle-Business cycle correlation with sector performance-sector rotation strategies. • ESG and Digital Transformation Impact: Role of ESG in sector performance- Fintech, AI and EVs as emerging sectoral disruptors. <p>Module 2: Sectoral Analysis Techniques and Applications (30 Hours Practical)</p> <ul style="list-style-type: none"> • Financial Data Analysis & Ratio Calculation (6 Hours) Extracting sectoral data from NSE/BSE reports-Hands-on P/E, EPS, and ROE calculations using Excel • SWOT & Porter's Five Forces Analysis (6 Hours) SWOT analysis of Banking, IT, FMCG, and Pharma -Competitive landscape analysis using real case studies • Live Market Tracking & Investment Simulation (10 Hours) Monitoring sectoral indices & identifying market trends-Mock investment exercise: Students invest ₹10,000 virtual capital & track performance • ESG & Emerging Sector Trends (8 Hours) ESG (Environmental, Social, Governance) impact on sectors -New-age industries: Fintech, AI, EVs, Green Energy

10	Reference Books: <ol style="list-style-type: none"> 1. Security Analysis and Portfolio Management – Prasanna Chandra 2. Fundamentals of Financial Markets – Sunil Kumar Parameswaran 3. Sector Rotation: Trading the Business Cycle – Sam Stovall 4. The Intelligent Investor – Benjamin Graham 5. Technical Analysis of the Financial Markets – John J. Murphy 6. Industry and Company Analysis – CFA Institute 7. Financial Market Analysis – David Blake 	
11	Internal Continuous Assessment: 40%	External, Semester End Examination 60% Individual Passing in Internal and External Examination
12	Continuous Evaluation through: Quizzes, Class Tests, presentation, project, role play, creative writing, assignment etc. (at least 4)	Theory and practical

Total 50 Marks: 30 Marks External and 20 Marks Internal

30 Marks External

Duration : 1 Hour

Marks : 30 Marks

Note: Any 2 out of 3

Q.1 Answer the following (15 Marks)

- a)
- b)

Q.2 Answer the following (15 Marks)

- a)
- b)

Q.3 Answer the following (15 Marks)

- a)
- b)

20 Marks Internal

- | | |
|-----------------------------|------------------|
| 10. Class Test | (5 Marks) |
| 11. Assignment | (5 Marks) |
| 12. Presentation | (5 Marks) |
| 13. Group Discussion | (5 Marks) |
| 14. Quiz | (5 Marks) |
| 15. Case Study | (5 Marks) |
| 16. Projects | (5 Marks) |
| 17. Creative writing | (5 Marks) |
| 18. Role play | (5 Marks) |

Note: 1. Any Four out of the above can be taken for internal Assessment.

2. The internal Assessment shall be conducted throughout the semester

Sd/-

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Chairman
Dr.V.N.Yadav
Board of Studies in
Financial Markets**

Sd/-

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