

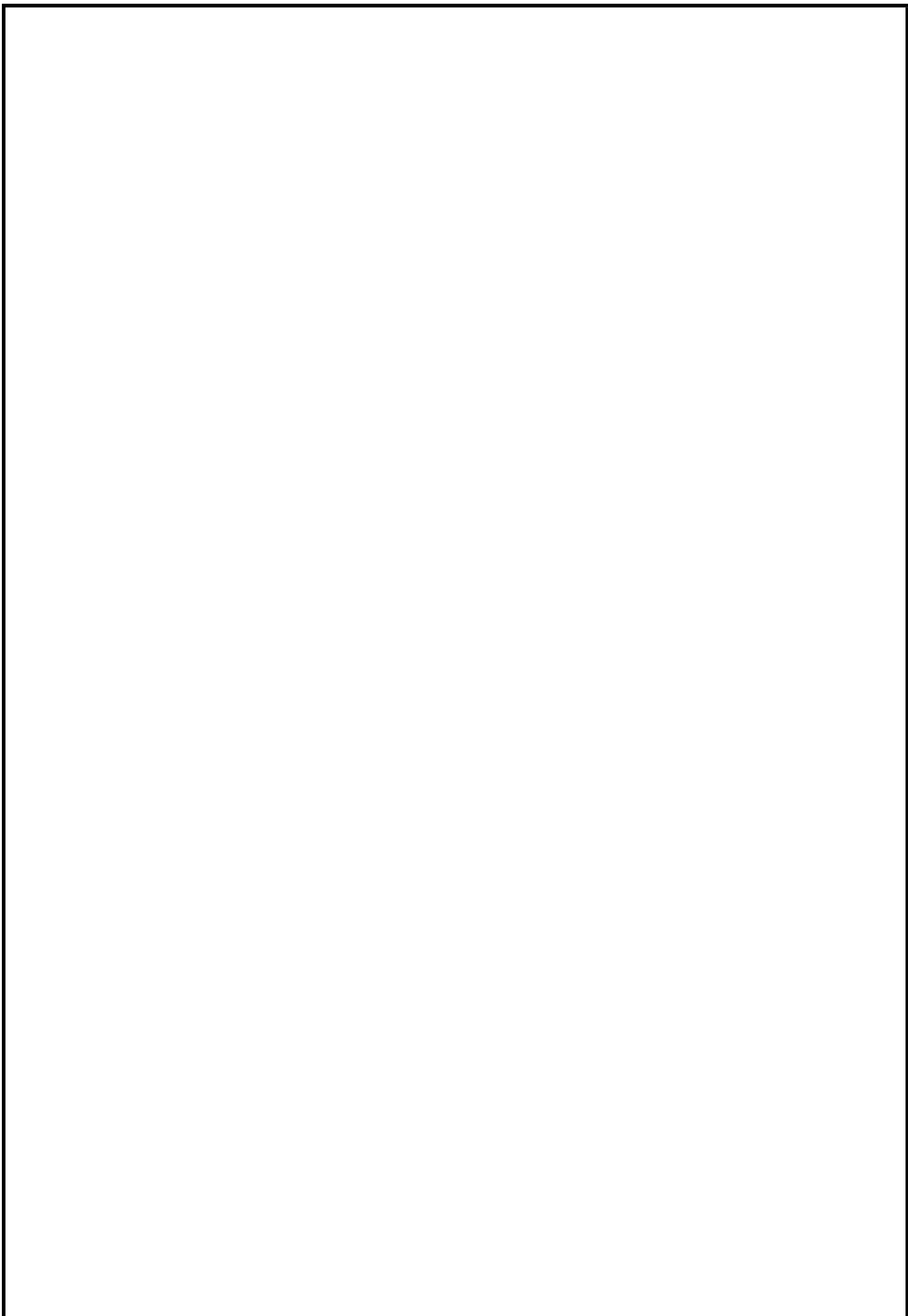
**SIES COLLEGE OF COMMERCE & ECONOMICS AUTONOMOUS  
DEPARTMENT OF M. Com –BANKING AND FINANCE**

<b>Sr. No.</b>	<b>Heading</b>	<b>Particulars</b>
<b>1</b>	<b>Title of the program</b>	<b>M. Com (Banking and Finance)</b>
<b>2</b>	<b>Eligibility for admission</b>	<b>B. Com or Equivalent</b>
<b>3</b>	<b>Minimum percentage</b>	<b>40%</b>
<b>4</b>	<b>Semesters</b>	<b>III and IV</b>
<b>5</b>	<b>Level</b>	<b>PG</b>
<b>6</b>	<b>Pattern</b>	<b>02 years &amp; 04 semesters CBCGS</b>
<b>7</b>	<b>To be implemented from</b>	<b>From Academic year 2024-25 in a progressive manner</b>

<b>SEMESTER III</b>			
<b>Serial No</b>		<b>Credits</b>	<b>Course Name</b>
1	Major (Mandatory)	04	Debt Market
2	Major (Mandatory)	04	Financial Markets
3	Major (Mandatory)	04	Mutual Fund Management
4	Major (Mandatory)	02	Cyber Law for Preventing Banking Frauds
5	Major (Elective)	04	1. Accounting in the Banking Sector 2. Direct taxation
6	Subject RP	04	Research Project
<b>TOTAL CREDITS</b>		<b>22</b>	

<b>SEMESTER IV</b>			
<b>Serial No</b>		<b>Credits</b>	<b>Course Name</b>
1	Major (Mandatory)	04	International Finance
2	Major (Mandatory)	04	Treasury Management
3	Major (Mandatory)	04	Financial Planning and Wealth Management
4	Major (Elective)	04	1. Financial Risk Management 2. Derivatives and foreign exchange management
5	Research Project	06	Research Project
<b>TOTAL CREDITS</b>		<b>22</b>	

# **SEMESTER III**



## 1. Debt Market

Sr. No	Modules	No of Lectures
<b>I</b>	<b>Introduction to Debt Markets</b>	
	a) Introduction to Debt Markets b) Instruments and players in the Debt Market c) Government Securities Auctions and Bidding Process d) Bond ratings- importance & relevance and rating agencies e) Regulatory framework in the Indian debt market	<b>10</b>
<b>II</b>	<b>Bond Mathematics and Yield Curve Analysis</b>	
	a) Determinants of the value of bonds b) Bond Prices and the Time Value of Money c) Yield-to-Maturity. d) Yield Curve Analysis	<b>20</b>
<b>III</b>	<b>Valuation of Bonds</b>	
	a) Valuation of straight bonds b) Duration: Macaulay Duration, Modified Duration, Effective Duration, Money Duration, Price Value of Basis Point c) Convexity	<b>20</b>
<b>IV</b>	<b>Portfolio Management- Fixed Income</b>	
	a) Fixed Income Portfolio Management- Domestic and International b) Bond portfolio management strategies - Active, passive, liability-driven investing, and Immunization strategies. c) Roles of Fixed Income Securities in Total Portfolio Management	<b>10</b>

### Reference Books:

- "The Handbook of Fixed Income Securities" by Frank J. Fabozzi, published by McGraw-Hill Education in 2012.
- "Debt Markets and Analysis" by R. Stafford Johnson and Paula Douglas, published by Wiley in 2017.
- "The Bond Book: Everything Investors Need to Know About Treasuries, Municipals, GNMA's, Corporates, Zeros, Bond Funds, Money Market Funds, and More" by Annette Thau, published by McGraw-Hill Education in 2010.
- "Fixed Income Markets and Their Derivatives" by Suresh Sundaresan, Academic Press in 2019.
- "Debt Markets: Securities and Instruments" by Vinod Kothari, published by Taxmann Publications Pvt. Ltd. in 2020.
- "Understanding the Yield Curve: Part 6 of The New Paradigm for Financial Markets" by George Soros, published by Public Affairs in 2008.

## 2. Financial Markets

Sr. No	Modules	No of Lectures
<b>I</b>	<b>Introduction to Financial System</b>	
	<p>a. An Overview of Financial System - Structure and Functions of Indian financial system, the nature and role of the financial system, Components of the financial system, Relationship between the financial system and economic development, Development of Financial Markets in India, Linkages Between Economy and Financial Markets, Integration of Indian Financial Markets with Global Financial Markets.</p> <p>b. Regulation of Financial System – Regulators in India, Credit Rating Agencies - Role, Functions and Mechanism, Stock exchanges – Role and Functions.</p>	<b>10</b>
<b>II</b>	<b>Overview of Capital Market</b>	
	<p>a. Introduction to Capital Market - Structure and Growth of the Indian Capital Market, Indian Capital Market Forms - Industrial Securities, New Issue markets and Old Issue markets- Introduction, Features, Types, and Government Securities (Gilt-edged market)- Introduction, Features and Types</p> <p>b. Ownership Securities – Equity Shares, Preference Shares, No-par stock- (Introduction, Features and Types), Corporate Listing</p> <p>c. Creditorship Securities – Debentures –Introduction, Features, and Types</p>	<b>15</b>
<b>III</b>	<b>Overview of Money Market</b>	
	<p>a) Money market- Meaning, Features, Structure of money market, Regulatory framework, RBI/FIMMDA/FEDAI, Disadvantages of Money market, Characteristics and Features of developed money market, Recent development in money markets-DFHI, STCI</p> <p>b) Money Market Instruments-T Bills, Money at short and call notice, Commercial bills, Promissory notes, Certificate of deposits Commercial-papers, Banker’s Acceptance CBLO, IBPC, MF and LAF</p>	<b>20</b>
<b>IV</b>	<b>Overview of Derivatives Market and Innovations in Financial Markets</b>	
	<p>a) Derivatives Market - Meaning, Importance and Need for Derivatives Market, Kinds of financial derivatives and financial derivatives in India.</p> <p>b) Innovations in Financial Markets – History of continuous innovations in Financial Markets around the world, Alternative Investments, Innovations in Equity Markets in the form of Special Purpose Acquisition Companies (SPAC), Innovations in Credit Markets such as securitization of debt, Algorithmic Trading, Cryptocurrencies and blockchains/distributed ledgers, Social innovations in financial markets in India.</p>	<b>15</b>

### Reference Books:

- "Investments" by Zvi Bodie, Alex Kane, Alan J. Marcus, published by McGraw-Hill Education.
- "Financial Markets and Institutions" by Frederic S. Mishkin and Stanley G. Eakins, published by

Pearson.

- "Options, Futures, and Other Derivatives" by John C. Hull, published by Pearson.
- "A Random Walk Down Wall Street: The Time-Tested Strategy for Successful Investing" by Burton G. Malkiel, published by W. W. Norton & Company.
- "The Intelligent Investor: The Definitive Book on Value Investing" by Benjamin Graham, published by Harper Business.
- "Market Wizards: Interviews with Top Traders" by Jack D. Schwager, published by Harper Business.

### 3. Mutual Fund Management

Sr. No	Modules	No of Lectures
<b>I</b>	<b>Mutual Fund Organization and Management</b>	
	a. Introduction: Meaning of Mutual Fund, Structure in India, Sponsors, Trust, Role of AMC, NFOs, Registrars, Agents, Types of Mutual Fund schemes b. Objectives of AMFI, Advantage of Mutual Funds, Systematic Investment Plan (SIP), Systematic Transfer Plan (STP), Systematic Withdrawal Plan (SWP) c. Offer Document: NFO, SID, SAI, KIM and Fact Sheets	<b>15</b>
<b>II</b>	<b>Mutual Fund Products</b>	
	a. Mutual Fund Products and Features: Equity funds: Definition, Features of Equity Funds, Index Fund, Large Cap Funds, Mid Cap Funds, Sectoral Funds, Types of Equity Schemes, Arbitrage funds, Multi-cap Funds, Quant funds, P / E Ratio funds, International Equities Fund, Growth Schemes. b. Gold Exchange Trade Funds (ETFs): Introduction, Features, Working of ETFs, Market Making with ETFs, Creation Units, Portfolio Deposit and Cash Component c. Debt Fund: Features, Interest Rate Risk, Credit Risk, Pricing of Debt Instrument Schemes, Fixed Maturity Plans, Capital Protection Funds, Gilt Funds, Balanced Funds, MIPs, Child Benefit Plans. d. Liquid funds: Features, Floating rate scheme, Portfolio of liquids funds.	<b>15</b>
<b>III</b>	<b>Investment and Performance Measurement</b>	
	a) Fund Performance, Measuring Return, Measuring Risk, b) Risk adjusted return, Comparing Fund Performance with a reference, various standardized performance systems. c) Limitations of Performance measurement and evaluation	<b>15</b>
<b>IV</b>	<b>Accounting and Taxation of Mutual Funds</b>	
	a) Accounting: Net Asset Value (NAV)- Meaning computation- Factors affecting NAV- Pricing of Units- Fees and Expenses- Investment Management and Advisory Fees –Initial Expenses- Recurring Expenses- Total expenses accounting policies. b) Valuation-: Valuation of thinly traded securities- Valuation of Nontrade Securities -Valuation and disclosure of illiquid securities. c) Taxation: Dividends- Capital Gains- Tax Rebate- Restrictions on Dividends Stripping.	<b>15</b>

#### Reference Books:

- "The Mutual Fund Industry Handbook: A Comprehensive Guide for Investment Professionals" by Lee Gremillion (Wiley, 2005).
- "Mutual Funds for Dummies" by Eric Tyson (For Dummies, 2020).
- "The Little Book of Common-Sense Investing: The Only Way to Guarantee Your Fair Share of Stock Market Returns" by John C. Bogle (Wiley, 2007).



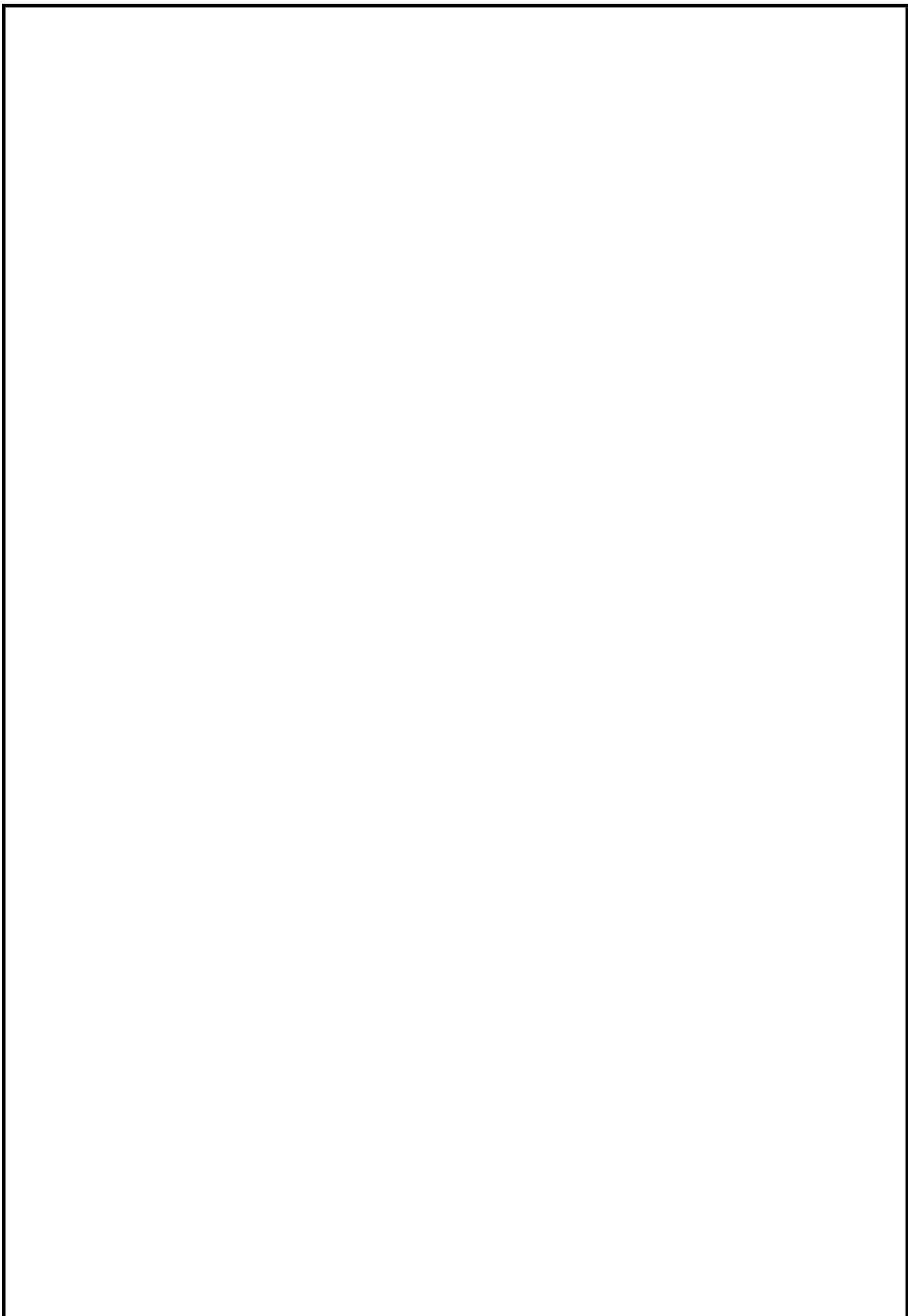
- "The Bogleheads' Guide to Investing" by Taylor Larimore, Mel Lindauer, and Michael LeBoeuf (Wiley, 2014).
- "Morningstar Guide to Mutual Funds: Five-Star Strategies for Success" by Christine Benz (Wiley, 2014).

#### 4. Cyber Law for Preventing Banking Frauds

Sr. No	Modules	No of Lectures
<b>I</b>	<b>Cyber Crime Overview and Fraud Management</b>	
	a) Introduction to Cyber Crime: Concepts and Techniques b) Channels of Cyber Crimes, Cyber Crime Methods - Stalking & Cyber Squatting, Cyber Extortion & Cyber Cheating, Cyberwarfare & Cyber Terrorism, Phishing & Hacking c) Computer Insecurity- Internet Crime & Internet fraud, User Failures & Causes, Bank Failure d) Computer Hackers e) Computer Fraud Protection - Prevention Controls, Detection Controls, Mitigation Controls, Encryption / Decryption f) Incident of Cybercrimes - Cyber Crime Reporting, Cyber Crime Investigation, Cyber Crime Management, Evidence Collection & Chain of Custody, Cyber Crime Risk Management, Cyber Forensics g) Case studies	<b>15</b>
<b>II</b>	<b>Cyber Laws &amp; Regulatory Compliance and IT Security in Banking</b>	
	a) Cyber Law in India - Information Technology Act - 2000 b) Electronic Transactions and Taxation Issues c) Human traits – Associates, Behavior d) Regulatory Compliance e) Introduction to Data Security, Data Security, Database Security Network. Security, Controls and Management, Operating System Security Management, Models. f) Cryptography, Encryption, Public Key infrastructure (PKI), Key Management, Global initiatives, and development. g) Case Studies	<b>15</b>

#### Reference Books:

- "Cyber Law for Banking Security and Fraud Prevention" by Jayaram Krishnaswamy, published by Auerbach Publications in 2014.
- "Cyber Law in Banking and Finance" by Praveen Dalal, published by PHI Learning Pvt. Ltd. in 2013.
- "Cybersecurity Law for Banks and Financial Institutions" by Heather McCalley, published by the American Bar Association in 2019.
- "Cybercrime in the Banking Sector: A Comparative Analysis of the United States and Nigeria Legal Frameworks" by Chukwudumebi Norbert Obikwelu, published by Lambert Academic Publishing in 2020.
- "Banking and Cybersecurity: Evolution or Revolution?" by Tomáš Krásenský and Tony de Bree, published by Cambridge Scholars Publishing in 2021.
- "Cybersecurity in the Banking Sector: Legal and Regulatory Challenges" by Immaculata Nwokorie and Millicent M. Anukem, published by LAP LAMBERT Academic Publishing in 2018.



## 5. Accounting of the Banking Sector

Sr. No	Modules	No of Lectures
<b>I</b>	<b>Introduction of Banking Companies</b>	
	a. Definition and features of banking companies b. Types of banks c. Different types of accounts in banks d. Bank Products & Services e. Cash Management Services and its Importance	<b>15</b>
<b>II</b>	<b>Accounting Systems &amp; Provisions in Banking Companies</b>	
	a. Significant Features of Accounting Systems of Banking Companies b. Income recognition, Classification of assets and advances, Provisions, Classification of investments c. Provisions of Banking Regulation Act- 1949 applicable to banking companies: - Business, Capital and Reserve, Reserve funds, Dividend, Cash reserves, Loans and d. Advances, Unclaimed deposits, Accounts, and auditing	<b>15</b>
<b>III</b>	<b>Calculation of Interest and Annuities</b>	
	a) Calculation of Simple Interest & Compound Interest; Calculation of Equated Monthly Instalments; Fixed and Floating Interest Rates b) Calculation of Annuities, Interest Calculation using Products/ Balances c) Amortization of a Debt; Sinking Funds	<b>15</b>
<b>IV</b>	<b>Preparation of Final Accounts and Reporting</b>	
	a) Disclosure Requirements of Banks and Additional Disclosures prescribed by RBI b) Disclosures required under BASEL norms. c) Preparation of Financial Statements of Banking Companies as per regulatory requirements	<b>15</b>

### Reference Books:

- "Bank Management and Financial Services" by Peter S. Rose and Sylvia C. Hudgins, published by McGraw-Hill Education in 2014.
- "Bank Valuation and Value-Based Management: Deposit and Loan Pricing, Performance Evaluation, and Risk Management" by Jean Dermine, published by McGraw-Hill Education in 2015.
- "Bank Accounting & Finance: 2018 Cumulative Supplement" by Thomas M. Phillips and Charles H. Gibson, published by Wolters Kluwer in 2018.
- "Banking and Financial Institutions: A Guide for Directors, Investors, and Borrowers" by Benton E. Gup, published by Wiley in 2013.
- "Bank Asset and Liability Management: Strategy, Trading, Analysis" by Moorad Choudhry, published by Wiley in 2007.
- "Bank Management" by Timothy W. Koch and S. Scott MacDonald, published by South-Western College Pub in 2012.

# **SEMESTER IV**

## 1. International Finance

Sr. No	Modules	No of Lectures
<b>I</b>	<b>Introduction to International Finance</b>	
	a. International Finance and the Global Macroeconomic Environment - Introduction to International Finance, The Global Macroeconomic Environment, International Monetary Systems and Exchange Rate Regimes, Global Financial Crises b. International Flow of Funds and Balance of Payments – Meaning, Components, Factors- Deficit and Surplus in BOP, Capital Account Convertibility and Current Account	<b>15</b>
<b>II</b>	<b>Exchange Rates and Foreign Exchange Market</b>	
	a. Exchange Rates – Understanding Exchange Rates, Exchange Rate Quotation, Determination of exchange rates in spot and forward markets, International Parity Conditions, Exchange Rate Determination, and Forecasting b. Foreign Exchange Market - Major Participants in Spot market and Forward market, Structure of Indian Forex Market, Regulation in Indian Forex Market, FEMA and FEDAI, Factors influencing exchange rates and Types of Foreign Exchange Rates and Interest rate	<b>15</b>
<b>III</b>	<b>International Banking and Forex Risk Management</b>	
	a) International Banking - International Banking, Eurocurrency Markets, Syndicated Euro loans, International Bond Markets, International Equity Markets b) Forex Risk Management: Types of Risk and Risk Management Techniques, Risk Management using Derivatives - Forwards and Futures, Swaps, Options, FRA's and NDFs	<b>15</b>
<b>IV</b>	<b>International Investments &amp; International Accounting and Taxation</b>	
	a) International Investments – Foreign Direct Investments and International Portfolio Investments, International Cost of Capital, Capital Structure, and Capital Budgeting, Political and Country Risk Analysis b) International Accounting and Taxation - International Accounting, International Taxation	<b>15</b>

### Reference Books:

- "International Financial Management" by Cheol Eun and Bruce Resnick (McGraw-Hill Education, 2018).
- "International Finance: Theory and Policy" by Paul R. Krugman, Maurice Obstfeld, and Marc Melitz (Pearson, 2018).
- "International Financial Management" by Jeff Madura (Cengage Learning, 2016).
- "International Finance: A Practical Perspective" by Adrian Buckley (Pearson, 2017).
- "International Financial Management" by Geert Bekaert and Robert Hodrick (Cambridge University Press, 2017).

## 2. Treasury Management

Sr. No	Modules	No of Lectures
<b>I</b>	<b>Introduction to Treasury Management</b>	
	<ul style="list-style-type: none"> <li>a. Concept &amp; Evolution of Treasury</li> <li>b. [Including other important terminology in treasury: - Arbitrage; Bank Rate; Options; Capital Adequacy; Capital Fund; CRR; CDSL; Clearing House; DP; Hedging; LAF; OMOs; RTGS; Refinance; SLR; SWIFT; T-Bills; Tier-I &amp; II Capital]</li> <li>c. Objectives &amp; Role of Treasury</li> <li>d. Structure of Treasury &amp; Functions of Treasurer</li> <li>e. Scope &amp; Functions of Treasury Management</li> <li>f. Internal Treasury Control System</li> <li>g. Role of Information Technology in Treasury Management [Negotiated Dealing System (NDS); Straight-Through Processing (STP)]</li> </ul>	<b>15</b>
<b>II</b>	<b>Treasury Operations</b>	
	<ul style="list-style-type: none"> <li>a. Liquidity Management [Objectives-CRR-SLR-RTGS-CCIL]</li> <li>b. Treasury Management in Commercial Banks</li> <li>c. [NPA &amp; Capital Adequacy Norms (CRAR); Investment Policy Statement; Back-office support &amp; Accounting]</li> <li>d. FOREX Market Operations</li> <li>e. [International Financial System &amp; FOREX Market; Instrument traded; Exchange Rate mechanism; Indian FOREX market; RBI &amp; Exchange Market]</li> <li>f. Risk Management in Market Operations</li> <li>g. [Gilt-edged Markets; Exchange Rate &amp; Currency Risk; Interest Risk Management]</li> <li>h. Impact of Treasury Operations</li> <li>i. Structural &amp; Statutory Changes; Need for Regulation</li> </ul>	<b>15</b>
<b>III</b>	<b>Risk Analysis &amp; Control</b>	
	<ul style="list-style-type: none"> <li>a) Interest Rate risk: Investment /Trading Book</li> <li>b) Value at Risk [VaR]</li> <li>c) FOREX (Market) Risk</li> <li>d) Risk Management in banks [RBI Guidelines]</li> <li>e) Treasury &amp; Asset-Liability Management (ALM)</li> <li>f) Meaning &amp; Objectives of ALM; Market Risk-Liquidity &amp; Interest Risk; Role of Treasury in ALM; Use of Derivatives in ALM; Policy Environment</li> </ul>	<b>15</b>
<b>IV</b>	<b>Regulatory, Supervising &amp; Compliance Framework</b>	
	<ul style="list-style-type: none"> <li>a) Ethics, Morals &amp; Code of Conduct- The Dealing Room General Principles from FIMMDA</li> <li>b) RBI guidelines &amp; Policy</li> <li>c) Organizational set up; Industrial Sickness; NPAs in Scheduled Commercial Banks</li> <li>d) Tax Environment in Treasury</li> <li>e) Corporate Taxation; Need for Tax Planning; Tax changes during 2004 to 2007 &amp; at Present; Tax on Investments; Tax Compliance</li> <li>f) MIS for Treasury Operations</li> </ul>	<b>15</b>

	g) Current Monetary & Credit Policies; Fiscal & Budgetary Policies; Foreign Trade & Exchange Policies; Financial Market Trends; International Developments h) Global framework in Treasury Operations	
--	--	--

**Reference Books:**

- "Treasury Management: The Practitioner's Guide" by Steven M. Bragg (Wiley, 2013)
- "Bank Valuation and Value-Based Management: Deposit and Loan Pricing, Performance Evaluation, and Risk Management" by Jean Dermine, published by McGraw-Hill Education in 2015.



### 3. Financial Planning and Wealth Management

Sr. No	Modules	No of Lectures
<b>I</b>	<b>Introduction to Financial Planning</b>	
	a. Overview of financial planning b. Goals setting and Investment Policy Statement c. Traditional and alternative investment avenues d. Portfolio Management Process	<b>15</b>
<b>II</b>	<b>Personal Financial Statement Analysis &amp; Investor Psychology</b>	
	a. Understanding Personal Financial Statements (Income Statement, Balance Sheet, Cash Flow Statement) b. Total Asset, Net Worth and Financial Ratios c. Ratio Analysis for Personal Finance d. Behavioral Finance and Investor Psychology e. Emotions and Biases in Investment Decision Making	<b>15</b>
<b>III</b>	<b>Risk Management and Insurance Planning</b>	
	a) Introduction to Risk Management b) Types of Risks in Personal Finance (e.g., Market Risk, Inflation Risk, Longevity Risk) c) Insurance Basics (Life Insurance, Health Insurance, Property Insurance) d) Evaluating Insurance Needs e) Types of Insurance Products and Coverage	<b>15</b>
<b>IV</b>	<b>Retirement, Tax, and Estate Planning</b>	
	a) Retirement Planning Process b) Retirement Income Sources (E.g. Annuities, Pensions) c) Investment Strategies for Retirement d) Tax Planning Strategies e) Estate Planning Basics (Wills, Trusts, Power of Attorney) f) Estate Tax and Inheritance Issues	<b>15</b>

#### Reference Books:

- "Personal Finance" by Jeff Madura and Harriet H. Johnson (Pearson, 2015)
- "Fundamentals of Financial Planning" by Michael A. Dalton, James F. Dalton, and Joseph M. Gillice (Money Education, 2019)
- "Financial Statement Analysis: A Practitioner's Guide" by Martin S. Fridson and Fernando Alvarez (Wiley, 2011)
- "Thinking, Fast and Slow" by Daniel Kahneman (Farrar, Straus and Giroux, 2011)
- "Risk Management and Insurance" by Scott E. Harrington and Gregory R. Niehaus (McGraw-Hill Education, 2015)
- "Insurance: Concepts & Coverage" by Marshall Wilson Reavis III (National Underwriter Company,
- "Retirement Planning and Employee Benefits for Financial Planners" by Michael A. Dalton and James F. Dalton (Money Education, 2018)
- "Estate Planning Basics" by Denis Clifford and Cora Jordan (NOLO, 2020)

## 4. Financial Risk Management

Sr. No	Modules	No of Lectures
<b>I</b>	<b>Introduction to Risk Management</b>	
	a. Concept of Risk and Uncertainty, Objectives and Process of Risk Management and Risk Identification b. Types of Risk: Strategic and Operational Risks, Business Risk, Financial Risk faced by Organization, Sources and Impact of Common Business Risk, Market, Credit, Liquidity, Technological, Legal, Environmental, Reputation, Country	<b>15</b>
<b>II</b>	<b>Evaluation of Risk</b>	
	a. Evaluation of the Organization's ability to bear risks b. Risk Measurement – Quantitative and Qualitative c. Role of Risk Manager and Risk Committee in identifying and managing risk. d. Enterprise Risk Management- Framework, ERM Process, ERM Matrix, SWOT Analysis	<b>15</b>
<b>III</b>	<b>Market and Interest Rate Risk</b>	
	a) Measures of Financial risk – Mean – Variance framework- an understanding, Standard deviation, covariance, and correlation, coefficient of variation, portfolio risk b) Normal distribution- key properties and its application to the finance domain from a risk management perspective, measures of skewness and kurtosis and its application to finance, c) Value at risk methods – its importance and method of VaR calculations d) Interest rate risk: Interest rate risk management in banks, bond duration- DV01, bond convexity, hedging interest rate risk with DV01 and interest rate swaps	<b>15</b>
<b>IV</b>	<b>Credit and Liquidity Risk</b>	
	a) Principles of credit risk management: Forms of credit risk – Settlement risk, Counter party risk & Sovereign risk b) Measuring credit risk – Probability of default, Loss given default, Exposure at default, Expected & Unexpected loss, and use of derivatives to manage credit risk, c) Liquidity risk: Management of Asset Liability Management in banks, liquidity risk management in banks, principles of 'sound stress testing practices and supervision'.	<b>15</b>

### Reference Books:

- "Financial Risk Management: A Practitioner's Guide to Managing Market and Credit Risk" by Steve L. Allen (Wiley, 2013)
- "Risk Management and Financial Institutions" by John C. Hull (Wiley, 2017)
- "Principles of Risk Management and Insurance" by George E. Rejda and Michael McNamara (Pearson, 2017)
- "Financial Risk Management: Models, History, and Institutions" by Allan M. Malz (Wiley, 2011)

## PROPOSED SCHEME OF EXAMINATION

### 4 Credits Subjects

The scheme of examination shall be divided into two parts:

- Internal assessment 40% i.e. 40 marks
- Semester end examination 60% i.e. 60 marks

#### (A) Internal Assessment 40 marks

Description	Marks
Internal test - Objectives-based/ Subjective theory questions	20
Presentation/Assignment-Viva/Outreach Program/Internship/ Book Review/Project/Open Book Test	20
<b>TOTAL MARKS</b>	<b>40</b>

#### B) Semester end examination 60 marks – Paper Pattern

Duration: 2 hours	
Particulars	Marks**
Q1. Question 1 (5 Marks x 3) or (7 and 8 Marks) or (15 Marks)	15
Q2. Question 2 (5 Marks x 3) or (7 and 8 Marks) or (15 Marks)	15
Q3. Question 3 (5 Marks x 3) or (7 and 8 Marks) or (15 Marks)	15
Q4. Question 4 (5 Marks x 3) or (7 and 8 Marks) or (15 Marks)	15
<b>TOTAL MARKS</b>	<b>60</b>

\*\*Marks assigned in the external question paper may be based on the weightage (number of lectures) of each module in the syllabus.

Passing criteria: Minimum 40% in Internal (16 out of 40) and 40% (24 out of 60) in semester-end examination

\*\*\*\*\*

## PROPOSED SCHEME OF EXAMINATION

### 2 Credits Subjects

The scheme of examination shall be divided into two parts:

- Internal assessment 40% i.e. 20 marks
- Semester end examination 60% i.e. 30 marks

#### (A) Internal Assessment 20 marks

Description	Marks
Internal test - Objectives-based/ Subjective theory questions	10
Presentation/Assignment-Viva/Outreach Program/Internship/ Book Review/Project/Open Book Test	10
<b>TOTAL MARKS</b>	<b>20</b>

#### B) Semester end examination 30 marks – Paper Pattern

Duration: 2 hours	
Particulars	Marks**
Q1. Question 1 (5 Marks x 3) or (7 and 8 Marks) or (15 Marks)	15
Q2. Question 2 (5 Marks x 3) or (7 and 8 Marks) or (15 Marks)	15
<b>TOTAL MARKS</b>	<b>30</b>

\*\*Marks assigned in the external question paper may be based on the weightage (number of lectures) of each module in the syllabus.

Passing criteria: Minimum 40% in Internal (8 out of 20) and 60% (12 out of 30) in semester-end examination

\*\*\*\*\*

## 6. Research Project (SEM III – 4 Credits And SEM IV – 6 Credits)

---

### **Introduction**

Inclusion of project work in the course curriculum of the M.Com. program is one of the ambitious aspects of the program structure. The main objective of the inclusion of project work is to inculcate the element of research work challenging the potential of learners as regards his/her eagerness to enquire and ability to interpret particular aspects of the study in his/her own words. It is expected that the guiding teacher should undertake the counseling sessions and raise awareness among the learners about the methodology of formulation, preparation, and evaluation pattern of the project work.

- There are two modes of preparation for project work:
  1. Project work based on research methodology in the study area.
  2. Project work based on an internship in the study area.

### **General guidelines for the preparation of project work based on research methodology:**

- The project topic may be undertaken in any area of Elective Courses.
  - Each of the learners must undertake a Project individually under the supervision of a teacher-guide.
  - The learner shall decide the topic and title which should be specific, clear, and with definite scope in consultation with the teacher-guide concerned.
  - The university/college shall allot a guiding teacher for guidance to the students based on her/his specialization.
  - The project report shall be prepared as per the broad guidelines given below:
    - Font type: Times New Roman
    - Font size: 12-For content, 14-for Title
    - Line Space : 1.5-for content and 1-for in table work
    - Paper Size: A4
    - Margin : in Left-1.5, Up-Down-Right-1
    - The Project Report shall be bounded.
    - The project report should be 80 to 100 pages
-

Format

***1<sup>st</sup> page (Main Page)***

***Title of the problem of the Project***

**A Project Submitted to  
University of Mumbai for partial completion of the degree of  
Master in Commerce  
Under the Faculty of Commerce**

**By**

***Name of the Learner***

**Under the Guidance of**

***Name of the Guiding Teacher***

***Name and address of the College***

***Month and Year***

***2<sup>nd</sup> Page***

***This page to be repeated on 2<sup>nd</sup> page (i.e. inside after main page)***

---

*On separate page*

Index

Chapter No. 1	Title of the Chapter	Page No.
---------------	----------------------	----------

(sub point 1.1, 1.1.1,.....And so on)

Chapter No. 2	Title of the Chapter
---------------	----------------------

Chapter No. 3	Title of the Chapter
---------------	----------------------

Chapter No. 4	Title of the Chapter
---------------	----------------------

Chapter No. 5	Title of the Chapter
---------------	----------------------

**List of tables, if any, with page numbers.**

**List of Graphs, if any, with page numbers.**

**List of Appendix, if any, with page numbers.**

**Abbreviations used:**

---

Structure to be followed to maintain the uniformity in formulation and presentation of Project Work

***(Model Structure of the Project Work)***

- **Chapter No. 1: Introduction**

In this chapter Selection and relevance of the problem, historical background of the problem, brief profile of the study area, definition/s of related aspects, characteristics, different concepts pertaining to the problem etc can be incorporated by the learner.

- **Chapter No. 2: Research Methodology**

This chapter will include Objectives, Hypothesis, Scope of the study, limitations of the study, significance of the study, Selection of the problem, Sample size, Data collection, Tabulation of data, Techniques and tools to be used, etc can be incorporated by the learner.

- **Chapter No. 3: Literature Review**

This chapter will provide information about studies done on the respective issue. This would specify how the study undertaken is relevant and contribute for value addition in information/ knowledge/ application of study area which ultimately helps the learner to undertake further study on same issue.

- **Chapter No. 4: Data Analysis, Interpretation and Presentation**

This chapter is the core part of the study. The analysis pertaining to collected data will be done by the learner. The application of selected tools or techniques will be used to arrive at findings. In this, table of information's, presentation of graphs etc. can be provided with interpretation by the learner.

- **Chapter No. 5: Conclusions and Suggestions**

In this chapter of project work, findings of work will be covered and suggestion will be enlisted to validate the objectives and hypotheses.

*Note: If required more chapters of data analysis can be added.*

- **Bibliography**

- **Appendix**

---



*On separate page*

*Name and address of the college*

## ***Certificate***

This is to certify that Ms/Mr has worked and duly completed her/his Project Work for the degree of Master in Commerce under the Faculty of Commerce in the subject of \_\_\_\_\_ and her/his project is entitled, “ \_\_\_\_\_  
*Title of the Project* ” under my supervision.

I further certify that the entire work has been done by the learner under my guidance and that no part of it has been submitted previously for any Degree or Diploma of any University.

It is her/ his own work and facts reported by her/his personal findings and investigations.



Name and Signature of  
Guiding Teacher

Date of submission:

---

*On separate page*

*Declaration by learner*

I the undersigned Miss / Mr. \_\_\_\_\_ *Name of the learner* \_\_\_\_\_ here by,  
declare that the work embodied in this project work titled “ \_\_\_\_\_  
\_\_\_\_\_ *Title of the Project* \_\_\_\_\_ ”,  
forms my own contribution to the research work carried out under the guidance of  
\_\_\_\_\_ *Name of the guiding teacher* \_\_\_\_\_ is a result of my own research work and has not  
been previously submitted to any other University for any other Degree/ Diploma to  
this or any other University.

Wherever reference has been made to previous works of others, it has been clearly  
indicated as such and included in the bibliography.

I, here by further declare that all information of this document has been obtained and  
presented in accordance with academic rules and ethical conduct.

Name and Signature of the learner

Certified by

Name and signature of the Guiding Teacher

---

*On separate page*

## ***Acknowledgment***

*(Model structure of the acknowledgment)*

To list who all have helped me is difficult because they are so numerous, and the depth is so enormous.

I would like to acknowledge the following as being idealistic channels and fresh dimensions in the completion of this project.

I take this opportunity to thank the **University of Mumbai** for giving me a chance to do this project.

I would like to thank my **principal**, \_\_\_\_\_ for providing the necessary facilities required for the completion of this project.

I take this opportunity to thank our **Coordinator** for her moral support and guidance.

I would also like to express my sincere gratitude towards my project guide, \_\_\_\_\_ whose guidance and care made the project successful.

I would like to thank my **College Library**, for having provided various reference books and magazines related to my project.

Lastly, I would like to thank every person who directly or indirectly helped me in the completion of the project especially **my Parents and Peers** who supported me throughout my project.

---

# 1. Guidelines for Internship based project work.

- Minimum 20 days/ 100 hours of Internship with an Organization/ NGO/ Charitable Organization/ Private firm.
  - The theme of the internship should be based on any study area of the elective courses.
  - Project Report should be of minimum 50 pages.
  - Experience Certificate is Mandatory
  - A project report has to be brief in content and must include the following aspects:
    - **Executive Summary:**

A bird's eye view of your entire presentation has to be precisely offered under this category.
    - **Introduction on the Company:**

A Concise representation of company/ organization defining its scope, products/ services, and its SWOT analysis.
    - **Statement and Objectives:**

The mission and vision of the organization need to be started enshrining its broad strategies.
    - **Your Role in the Organization during the Internship:**

The key aspects handled, the department under which you were deployed, and summary report duly acknowledged by the reporting head.
    - **Challenges:**

The challenges confronted while churning out theoretical knowledge into the practical world.
    - **Conclusion:**

A brief overview of your experience and suggestions to bridge the gap between theory and practice.
  - The project report based on the internship shall be prepared as per the broad guidelines given below:
    - Font type: Times New Roman
    - Font size: 12-For content, 14-for Title
    - Line Space: 1.5 for content and 1-for in-table work.
    - Paper Size: A4
    - Margin: in Left-1.5, Up-Down-Right-1
    - The Project Report shall be bounded.
    - The project report should be 80 to 100 pages
-

Evaluation pattern of the project work

<b>The Project Report shall be evaluated in two stages viz.</b>	
<b>• Evaluation of Project Report (Bound Copy)</b>	<b>60 Marks</b>
▪ Introduction and other areas covered	20 Marks
▪ Research Methodology, Presentation, Analysis and interpretation of data	30 Marks
▪ Conclusion & Recommendations	10 Marks
<b>• Conduct of Viva-voce</b>	<b>40 Marks</b>
▪ In the course of Viva-voce, questions may be asked such as importance/relevance of the study, objective of the study, methodology of the study/ mode of Enquiry (question responses)	10 Marks
▪ Ability to explain the analysis, findings, concluding observations, recommendation, and limitations of the Study	20 Marks
▪ Overall Impression (including Communication Skills)	10 Marks

**Note:**

- *The guiding teacher along with the external evaluator appointed by the University/ College for the evaluation of project shall conduct the viva-voce examination as per the evaluation pattern*

Passing Standard

- Minimum of Grade E in the project component
- In case of failing in the project work, the same project can be revised for ATKT examination.
- Absence of student for viva voce: If any student fails to appear for the viva voce on the date and time fixed by the department such student shall appear for the viva voce on the date and time fixed by the Department, such student shall appear for the viva voce only along with students of the next batch.