

S P Mandali's
R. A. Podar College of Commerce And Economics (Autonomous),
Matunga, Mumbai-400019

Course Structure

Bachelor of Commerce(Financial Markets) Semester III & IV

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S P Mandali's
R. A. Podar College of Commerce And Economics (Autonomous),
Matunga, Mumbai-400019

Syllabus And
Question paper pattern of Course

Bachelor of Commerce (Financial Markets)

S.Y. B.F.M. Semester III & IV

Syllabus as per National Education Policy 2020
To be implemented from Academic Year 2024-2025

HYPERLINK "http://www.rapodar.ac.in" www.rapodar.ac.in

Bachelor of Commerce (Financial Markets) Programme

Syllabus as per National Education Policy 2020

Course Structure

S.Y.B.F.M. (Level 4.5)

(To be implemented from Academic Year- 2024-25)

| No. of Courses | Semester III | Credits | No. Of Courses | Semester IV | Credits |
|----------------|---|-----------|----------------|---|-----------|
| 1 | Major (09 credits) | | 1 | Major (09 credits) | |
| 1.A | Mandatory (Financial Markets) | | 1.A | Mandatory (Financial Markets) | |
| 1.A.a | Financial Markets –V Equity Markets -I | 03 | 1.A.a | Financial Markets VIII Equity Markets -II | 03 |
| 1.A.b | Financial Markets –VI Debt Markets -I | 03 | 1.A.b | Financial Markets IX Debt Markets -II | 03 |
| 1.A.c | Financial Markets -VII Commodity Markets- I | 03 | 1.A.c | Financial Markets -X Commodity Markets- II | 03 |
| 2 | Minor (03 credits) | | 2 | Minor (03 credits) | |
| 2.A.a | General Commercial Law | 03 | 2.A.a | Banking Law & Practice | 03 |
| 3 | General Elective (GE)/ Open Elective (OE) (03 Credits) | | 3 | General Elective (GE)/ Open Elective (OE) (03 Credits) | |
| 3.A.a | Digitalization of Money Markets / Blockchain Technology / Data Visualization using Power BI | 03 | 3.A.a | Digitalization of Capital Markets / Family Business Enterprise / Robotic Process Automation | 03 |
| 4 | Vocational & Skill Enhancement Courses (VSEC) (02 credits) | | 4 | Vocational &Skill Enhancement Courses (VSEC) (02 credits) | |
| 4.A | Skill Enhancement Courses (SEC) | | 4.A | Skill Enhancement Courses (SEC) | |
| 4.A.a | - | | 4.A.a | - | |
| 4.B | Vocational Skill Course (VSC) | | 4.B | Vocational Skill Course (VSC) | |
| 4.B.a | Financial Planning – I Equity Trading and Investing Skills | 03 | 4.B.a | Financial Planning – II Mutual Funds | 03 |
| 5 | Ability Enhancement Course, Value Enhancement Course (04 credits) | | 5 | Ability Enhancement Course, Value Enhancement Course (04 credits) | |
| 5.A | Ability Enhancement Course(AEC) | | 5.A | Ability Enhancement Course (AEC) | |
| 5.A.a | Marathi/Hindi/Sanskrit | 02 | 5.A.a | Marathi/Hindi/Sanskrit | 02 |
| 5.B | Value Enhancement Course (VEC) | | 5.B | Value Enhancement Course (VEC) | |
| 5.B.a | - | | 5.B.a | - | |
| 5.C | Field Project/Apprenticeship/Community Engagement & Services | | 5.C | Field Project/Apprenticeship/Community Engagement & Services | |
| 5.C.a | Project Work | 02 | 5.C.a | Project Work based on Risk Management and Financial Services | 02 |
| TOTAL | CUMULATIVE CREDITS | | TOTAL | CUMULATIVE CREDITS | |
| | | 22 | | | 22 |

Syllabus of courses of SYBFM Programme (With effect from the Academic Year 2024-2025)
1. Major (1.A Financial Markets V)

1.A.a. Equity Markets -I (3 Credits)Semester III

| 1.Major | |
|--|---|
| 1.A Financial Markets V | |
| 1.A.a Equity Markets -I | |
| Course Objectives and Course Outcomes | |
| Course Objectives | |
| CObj 1 | To enable the learner to understand the relationship between risk and return |
| CObj 2 | To differentiate between the various types of equity |
| CObj 3 | To enable the learner to recognise how stock exchanges work and the desire to pursue certain order types |
| CObj 4 | To compare valuation and trading techniques along with different investment styles and strategies |
| Course Outcomes | |
| COut 1 | The learner is able to decide prudently on the type of investment depending on the risk-taking appetite. |
| COut 2 | The learner understands the difference between ESOP, equity shares and rights |
| COut 3 | The learner understands the functioning of the stock market and the recent trends |
| COut 4 | There is awareness about the role of SEBI as a governing body |
| COut 5 | Learner is able to explain the meaning and features of financial regulators in India such as the Reserve Bank of India (RBI), Securities and Exchange Board of India (SEBI), and Insurance Regulatory and Development Authority of India (IRDAI). |
| COut 6 | Learner understands the Role and Functions of the financial regulators. |
| COut 7 | Learner understands the meaning and classification of various financial instruments. |
| COut 8 | Learner understands evaluation and characteristics of financial instruments and new financial instruments. |
| COut 9 | Evaluate and compare different financial products available in India including their features, risks, and benefits. |
| COut 10 | Analyze the interdependencies and interactions between various components of the Indian financial system. |

Modules at a Glance

| Equity Markets –I | | |
|-------------------------------|---|------------------------|
| Sr. No. | Modules | No. of Lectures |
| 1 | Introduction to Equity Markets in India | 15 |
| 2 | Primary Market Activities | 15 |
| 3 | Secondary Market – Stock Markets | 15 |
| Total No. of Lectures: | | 45 |

| Sr. No. | Modules |
|----------------|---|
| 1 | Introduction to Equity Markets in India |
| | Meaning and Definition of equity shares Relation between growth of companies and growth in equity markets Capital structure and Separation of ownership and management Where equity fits in broader Capital Markets Evolution of Equity markets in India |
| 2 | Primary Market Activities |
| | IPO - Methods followed, Book Building 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, Bonus and special actions |
| 3 | Secondary Market – Stock Markets |
| | Definition and functions of stock Exchanges Evolution and Growth of Stock Exchanges Stock Exchanges in India NSE, BSE, OTCEI and Overseas Stock Exchanges Recent Development in Stock Exchanges, Merger of SEBI with FOMC StockMarket Indices Need for attracting more investors towards equity Need for strengthening secondary markets Role of SEBI in market regulations |

Reference Books (with Chapters):

- The Little Book of Common Sense Investing by Jack Bogle
- A Random Walk Down Wall Street by Burton G. Malkiel
- One Up On Wall Street by Peter Lynch
- How to Make Money in Stocks by William J. O'Neil
- How To Avoid Loss and Earn Consistently by Prasenjit Paul

Syllabus of courses of SYBFM Programme (With effect from the Academic Year 2024-2025)**1. Major (1.A Financial Markets VI)****1.A.b. Debt Markets -I (3 Credits)Semester III**

| 1.Major | |
|--|---|
| 1.A Financial Markets VI | |
| 1.A.b Debt Markets -I | |
| Course Objectives and Course Outcomes | |
| Course Objectives | |
| CObj 1 | To understand the evolution, working and role of debt market in India. |
| CObj 2 | To understand the role, functions of the various intermediaries and regulatory bodies |
| CObj 3 | To enable the learner to understand the concept of earning modest returns |
| CObj 4 | To analyse and thereby decide in favour of debt investment |
| Course Outcomes | |
| COut 1 | The learner has developed good understanding of evolution, functioning and growth of fixed income securities |
| COut 2 | The learner has understanding of the regulatory framework prevailing in the Indian debt market |
| COut 3 | The learner is aware of the regulatory body that governs the debt market |
| COut 4 | The learner is aware of the regulatory body that governs the debt market |
| COut 5 | Learner is able to explain the meaning and features of financial regulators in India such as the Reserve Bank of India (RBI), Securities and Exchange Board of India (SEBI), and Insurance Regulatory and Development Authority of India (IRDAI). |
| COut 6 | Learner understands the Role and Functions of the financial regulators. |
| COut 7 | Learner understands the meaning and classification of various financial instruments. |
| COut 8 | Learner understands evaluation and characteristics of financial instruments and new financial instruments. |
| COut 9 | Evaluate and compare different financial products available in India including their features, risks, and benefits. |
| COut 10 | Analyze the interdependencies and interactions between various components of the Indian financial system. |

Modules at a Glance

| Debt Markets -I | | |
|-------------------------------|------------------------------------|------------------------|
| Sr. No. | Modules | No. of Lectures |
| 1 | Introduction to the Debt Markets | 15 |
| 2 | Market Participants and Operations | 15 |
| 3 | Bonds and Bond Mathematics | 15 |
| Total No. of Lectures: | | 45 |

| Sr. No. | Modules |
|----------------|---|
| 1 | Introduction to the Debt Markets |
| | Meaning, Scope and Functions of Debt Markets Evolution of Debt Markets in India Structure of Debt Market in India Characteristics of different Debt Market Products Regulatory framework in the Indian debt market |
| 2 | Market Participants and Operations |
| | Market Segmentation – G Sec and Corporate Bond Markets Open market operations Securities Trading Corporation of India Primary dealers in Government Securities |
| 3 | Bonds and Bond Mathematics |
| | Features of bonds Types of bonds Issuers of bonds Bond ratings- importance & relevance and rating agencies. Bond market indices and benchmarks Determinants of the value of bonds Relation between short term and long term interests Bond Mathematics Yield Curve Analysis |

Financial Markets VI
Debt Markets -I
Question Paper Pattern (Academic Year: 2024-25)

Internal Examination & Semester End Examination – 100 Marks

A] Internals-40 Marks

| Method of evaluation | Total marks |
|------------------------------|-------------|
| Assignment | 20 |
| Case study analysis/ Project | 20 |
| TOTAL | 40 |

B] Semester End Examination (SEE)- 60 Marks

Maximum Marks

60

Duration

: 2 Hours

| Question No. | Particulars (Nature of Questions) | Marks (Given) | Marks (To Be Attempted) |
|--------------|------------------------------------|---------------|-------------------------|
| Q-1 | Answer the following: Any 4 | | |
| | A. Theory/Concept-based question | 5 | 20 |
| | B. Theory/Concept-based question | 5 | |
| | C. Theory/Concept-based question | 5 | |
| | D. Theory/Concept-based question | 5 | |
| | E. Theory/Concept-based question | 5 | |
| Q-2 | Answer the following: Any 4 | | |
| | A. Theory/Concept-based question | 5 | 20 |
| | B. Theory/Concept-based question | 5 | |
| | C. Theory/Concept-based question | 5 | |
| | D. Theory/Concept-based question | 5 | |
| | E. Theory/Concept-based question | 5 | |
| Q-3 | Answer the following: Any 4 | | |
| | A. Theory/Concept-based question | 5 | 20 |
| | B. Theory/Concept-based question | 5 | |
| | C. Theory/Concept-based question | 5 | |
| | D. Theory/Concept-based question | 5 | |
| | E. Theory/Concept-based question | 5 | |
| | Total | | 60 |

Reference Books (with Chapters):

- The Global Debt Trap: How to Escape the Danger and Build a Fortune, Roland Leuschel · Claus Vogt · Martin D. Weiss
- The Ultimate Depression Survival Guide: Protect Your Savings, Boost Your Income, and Grow Wealthy Even in the Worst of Times Martin D. Weiss
- The Little Book of Behavioral Investing: How not to be your own worst enemy by James Montier

Syllabus of courses of SYBFM Programme (With effect from the Academic Year 2024-2025**1. Major (1.A Financial Markets VII)****1.A.c. Commodity Markets -I (3 Credits)Semester III**

| 1.Major | |
|--|---|
| 1.A Financial Markets VII | |
| 1.A.c. Commodity Markets -I | |
| Course Objectives and Course Outcomes | |
| Course Objectives | |
| CObj 1 | To study companies, analyze financials and evaluate quantitative and qualitative aspects for decision-making. |
| CObj 2 | To enable the learner to predict value for certain equity under the specific Circumstances |
| CObj 3 | To enable the learner to suggest and comment on holding, sell or buy a position |
| CObj 4 | The evaluate and understand the different categories of products in the Indian commodity market |
| Course Outcomes | |
| COut 1 | The learner demonstrates a working knowledge of financial terms and concepts |
| COut 2 | The learner is able to analyse the financial market and instruments |
| COut 3 | The learner is able to understand and analyse the mechanics and regulations of financial instruments and determine the value of stock, bond and Securities |
| COut 4 | The learner is able to Identify Risk Management issues related to market positions |
| COut5 | Learner is able to explain the meaning and features of financial regulators in India such as the Reserve Bank of India (RBI), Securities and Exchange Board of India (SEBI), and Insurance Regulatory and Development Authority of India (IRDAI). |
| COut 6 | Learner understands the Role and Functions of the financial regulators. |
| COut 7 | Learner understands the meaning and classification of various financial instruments. |
| COut 8 | Learner understands evaluation and characteristics of financial instruments and new financial instruments. |
| COut 9 | Evaluate and compare different financial products available in India including their features, risks, and benefits. |
| COut10 | Analyze the interdependencies and interactions between various components of the Indian financial system. |

Modules at a Glance

| Commodity Markets -I | | |
|-------------------------------|--|------------------------|
| Sr. No. | Modules | No. of Lectures |
| 1 | Introduction to Commodity Market | 15 |
| 2 | Categories of products in Indian Commodity Markets | 15 |
| 3 | Commodity Markets and Exchanges in India | 15 |
| Total No. of Lectures: | | 45 |

| Sr. No. | Modules |
|----------------|--|
| 1 | Introduction to Commodity Market |
| | Meaning, Scope and relevance of Commodity Markets Highlighting the Dynamism of commodity markets Importance and critical functions of commodity markets Structure and levels in commodity markets |
| 2 | Categories of products in Indian Commodity Markets |
| | Agricultural goods and their dynamics Metals and their dynamics Energy products and their dynamics Connection between Commodity markets and equity markets |
| 3 | Commodity Markets and Exchanges in India |
| | OTC and exchange-traded mechanisms Trading & Clearing methods Commodity futures MCX, NCDEX, NMCE, Mandis and APMCs Role of Government in developing commodity markets Role of Information in Commodities Regulations – FMC and beyond Commodity markets - Logistics and Warehousing |

Reference Books (with Chapters):

- Commodities For Dummies by Amine Bouchentouf
- The Little Book of Commodity Investing by John Stephenson
- Higher Probability Commodity Trading by Carley Garner
- Commodity Options by Carley Garner
- Trading Commodities and Financial Futures by George Kleinman
- Hedging Commodities by Slobodan Jovanovic

Syllabus of courses of SYBFM Programme (With effect from the Academic Year 2024-2025)
2. Minor (Allied Course III)

2.A.a. General Commercial Law (3 Credits)Semester III

| 1.Minor | |
|--|--|
| 2.A General Commercial Law | |
| 2.A.a General Commercial Law | |
| Course Objectives and Course Outcomes | |
| Course Objectives | |
| CObj 1 | To introduce the nature of industrial dispute and the role of trade unions |
| CObj 2 | To understand the laws related to health and safety of the employees |
| CObj 3 | To familiarize the concept of provident fund and insurance |
| CObj 4 | To understand the laws in relation to wages |
| Course Outcomes | |
| COut 1 | Helps the learners understand the concepts and apply them to maintain industrial relations. |
| COut 2 | Clear understanding of the compensation payable to employees in case of accident |
| COut 3 | Better understanding with regards to the contributions made and the benefits available under the act |
| COut 4 | There is applicability of the concept of wages, bonus and gratuity |
| COut5 | The learner can apply the rules relating to payment of compensation |
| COut 6 | The learner understands the Powers and Duties of ESI |
| COut 7 | Learners can apply the laws Related to Compensation Management |
| COut 8 | Learners can remember the provisions related to payment of gratuity |
| COut 9 | Learners are law abiding citizens with a sense of responsibility |
| COut10 | Learners are able to apply the rules related to Employees State Insurance Act |

Modules at a Glance

| General Commercial Law | | |
|-------------------------------|--|------------------------|
| Sr. No. | Modules | No. of Lectures |
| 1 | Laws related to Industrial Relations and Industrial Disputes, Health, safety and Welfare | 15 |
| 2 | Laws related to Social Security | 15 |
| 3 | Laws related to compensation | 15 |
| Total No. of Lectures: | | 45 |

| Sr. No. | Modules |
|----------------|--|
| 1 | Laws related to Industrial Relations and Industrial Disputes, Health, safety and Welfare |
| | Strikes, Lockouts, Layoff, Retrenchment and Closure Trade Unions Act, 1926 – Registration, Rules and Funds of a Trade Union Factories Act, 1948 – The Inspecting Staff, Provisions relating to Health, Safety and Welfare Workmen’s Compensation Act, 1923 – Doctrines of Assumed Risk, Common Employment and Contributory Negligence, when is an employer liable and not liable to pay compensation, Rules relating to payment of compensation. |
| 2 | Laws related to Social Security |
| | Employees State Insurance Act, 1948 – Powers and Duties of ESI, ESI fund, Contribution rate and period, Benefits under the act (Sickness, Maternity, Disablement, Medical, Funeral and Dependent). Employees Provident Fund Act, 1952 – Contribution period and rate, Withdrawal of PF accumulations, Employee’s Pension Scheme, Employees Deposit Linked Insurance Scheme. |
| 3 | Laws related to compensation |
| | Payment of Wages Act, 1948 - Rules relating to payment of wages, Authorized deductions, Remedy for deducted or delayed wages Payment of Gratuity Act, 1972 – When is gratuity payable, Rules relating to payment of gratuity, Nomination |

AC: 31/01/2024

Reference Books (with Chapters):

- Industrial and Labour Laws, Dr. Sanjeev Kumar, Bharat Law HP Ltd
- Labour and Industrial Laws, S.N Misra, Central Law Publication
- Labour and Industrial Laws, P.K.Padhi, Eastern Economy Edition
- Commercial and Industrial Law, S.K. Dasgupta, Sterling Publishers Pvt. Ltd
- Industrial Law, Mr. N.D. Kapoor, Sultan Chand
- Employee's Provident Fund, Chopra D.S, Labour Law Agency
- Industrial Law, Mr. P.L. Mallick, Sultan Chand
- Essence of Personnel Management and Industrial Relations, Cowling, Prentice Ha

Syllabus of courses of S.Y.B.F.M. Programme (With effect from the Academic Year 2024-2025)
General /Open Electives General Electives (GE)/ Open Elective (OE)
3.A.a Digitalization of Money Markets(3 Credits)
Semester III

| 3. General /Open Electives | |
|---|--|
| General Electives (GE)/ Open Elective (OE) | |
| 3.A.a Digitalization of Money Markets | |
| Course Objectives and Course Outcomes | |
| Course Objectives | |
| CObj 1 | To enable learners gain insights into the evolution of financial systems and the impactof technology on money markets, and the role of digital currencies. |
| CObj 2 | To understand practical applications and critical analysis of the digitalization trendsshaping financial landscapes |
| CObj 3 | To enable learners, understand the concepts and the role of digital currencies. |
| Course Outcomes | |
| COut 1 | The learner understands the basics of digitalization in finance. |
| COut 2 | The learner understands the relationship between Fintech and its Impact. |
| COut 3 | Learner develops skills to evaluate digital currencies and Blockchain Technology. |
| COut 4 | There is awareness of the Regulatory framework and its challenges. |
| COut 5 | The learner learns about Big Data and Analytics in Money markets. |
| COut 6 | The learner is familiar with the digital concepts of money markets. |
| COut 7 | There is better understanding of the framework of money market digitalization. |
| COut 8 | The learner is aware of the tools and methodology involved in digitalization concepts. |
| COut 9 | There is greater level of financial literacy. |
| COut 10 | The learner is able to take informed investment decisions |

Modules at a Glance

| Digitalization of Money Markets | | |
|---------------------------------|--|-----------------|
| Sr. No. | Modules | No. of Lectures |
| 1 | Foundations of Digital Money Markets | 15 |
| 2 | Digital Currencies and Blockchain Technology | 15 |
| 3 | Applications and Future Trends | 15 |
| Total No. of Lectures: | | 45 |

| Sr. No. | Modules |
|-----------|--|
| 1 | Foundation of Digital Money Markets |
| | Introduction to Money Markets Basics of Digitalization in Finance Historical Perspective on Money Markets Fintech and its Impact |
| 2 | Digital Currencies and Blockchain Technology |
| | Cryptocurrencies: Bitcoin, Ethereum, and beyond Blockchain Technology and Distributed Ledger Central Bank Digital Currencies (CBDCs) Regulatory Frameworks and Challenges |
| 3. | Applications and future trends |
| | Digital Payment Systems Smart Contracts and Decentralized Finance (DeFi) Big Data and Analytics in Money Markets Future Trends in Digital Money Markets |

Digitalization of Money Markets*Question Paper Pattern (Academic Year: 2024-25)***Internal Examination & Semester End Examination – 100 Marks****A] Internals-40 Marks**

| Method of evaluation | Total marks |
|----------------------|-------------|
| Practical Work | 20 |
| Assignment | 20 |
| TOTAL | 40 |

B] Semester End Examination (SEE)- 60 Marks

Maximum Marks

60

Duration

: 2 Hours

| Question No. | Particulars (Nature of Questions) | Marks (Given) | Marks (To Be Attempted) |
|--------------|------------------------------------|---------------|-------------------------|
| Q-1 | Answer the following: Any 4 | | |
| | A. Theory/Concept-based question | 5 | 20 |
| | B. Theory/Concept-based question | 5 | |
| | C. Theory/Concept-based question | 5 | |
| | D. Theory/Concept-based question | 5 | |
| | E. Theory/Concept-based question | 5 | |
| Q-2 | Answer the following: Any 4 | | |
| | A. Theory/Concept-based question | 5 | 20 |
| | B. Theory/Concept-based question | 5 | |
| | C. Theory/Concept-based question | 5 | |
| | D. Theory/Concept-based question | 5 | |
| | E. Theory/Concept-based question | 5 | |
| Q-3 | Answer the following: Any 4 | | |
| | A. Theory/Concept-based question | 5 | 20 |
| | B. Theory/Concept-based question | 5 | |
| | C. Theory/Concept-based question | 5 | |
| | D. Theory/Concept-based question | 5 | |
| | E. Theory/Concept-based question | 5 | |
| | Total | | 60 |

References Books:

- "Digital Gold: Bitcoin and the Inside Story of the Misfits and Millionaires Trying to Reinvent Money" by Nathaniel Popper
- "The Age of Cryptocurrency: How Bitcoin and Digital Money are Challenging the Global Economic Order" by Paul Vigna and Michael J. Casey
- "Blockchain Basics: A Non-Technical Introduction in 25 Steps" by Daniel Drescher
- "The Basics of Bitcoins and Blockchains" by Antony Lewis

Syllabus of courses of S.Y.B.F.M. Programme (With effect from the Academic Year 2024-2025)

3. General /Open Electives General Electives (GE)/ Open Elective (OE)

3.A.a Blockchain Technology(3 Credits)

Semester III

| 3. General /Open Electives | |
|--|---|
| General Electives (GE)/ Open Elective (OE) | |
| 3.A.a Blockchain Technology | |
| Course Objectives and Course Outcomes | |
| Course Objectives | |
| CObj 1 | To understand core concepts and technologies underlying blockchain technology |
| CObj 2 | To gain in-depth knowledge of cryptocurrencies, their fundamentals, and the surrounding ecosystem |
| CObj 3 | To explore the diverse applications of blockchain technology across various sectors |
| Course Outcomes | |
| COut 1 | Acquire knowledge of Fundamentals of Blockchain and its different components |
| COut 2 | Understand the role of cryptocurrencies and working of wallets |
| COut 3 | Understand Role and how to implement Blockchain in various sectors |

Modules at a Glance

| Blockchain Technology | | |
|-------------------------------|-------------------------|-----------------|
| Sr. No. | Modules | No. of Lectures |
| 1 | Blockchain fundamentals | 15 |
| 2 | Cryptocurrency | 15 |
| 3 | Blockchain Applications | 15 |
| Total No. of Lectures: | | 45 |

| Sr. No. | Modules |
|---------|--|
| 1 | Blockchain Fundamentals |
| | <p>Distributed Ledger Technology (DLT): Concept of DLT, its advantages over centralized databases, use of DLT in blockchain</p> <p>Demystifying Blockchain: Define Blockchain, its core components (blocks, hash functions, consensus mechanisms), and the chain structure.</p> <p>Security and Transparency: Encryption and immutability inherent in blockchain, Data security and transparent record-keeping.</p> <p>Consensus Mechanisms: Compare popular consensus mechanisms like PoW, PoS, and their impact on performance and energy consumption.</p> <p>DApps: Decentralized Applications, Ethereum dApps, Advantages and Disadvantages.</p> |
| 2 | Cryptocurrency |
| | <p>Introduction: History of Cryptocurrency, Types of Cryptocurrencies based on their purpose, consensus mechanisms, and unique features</p> <p>Understanding Cryptography and Mining: Cryptographic basis, Public Key, Private Key, Digital signatures, Mining process for securing transactions</p> <p>Wallets and Cryptocurrency Exchanges: Different types of cryptocurrency wallets (hot, cold, hardware) and explore centralized and decentralized exchanges for buying, selling, and trading digital assets</p> <p>Smart Contracts and DeFi Applications: Smart contracts for decentralized finance (DeFi), Applications like lending, borrowing, and trading on blockchain platforms.</p> |
| 3. | Blockchain Applications |
| | <p>Financial Applications: Role of blockchain in revolutionizing areas like cryptocurrencies, digital payments, and secure financial transactions.</p> <p>Supply Chain Management: Blockchain to track and verify the provenance of goods, enhance transparency, and combat counterfeiting in supply chains.</p> <p>Healthcare and Identity Management: Blockchain to secure patient data, facilitate medical record sharing, and enable secure digital identities.</p> |

Blockchain Technology – Teaching Pedagogy*Question Paper Pattern (Academic Year: 2024-25)***Internal Examination & Semester End Examination – 100 Marks****A] Internals-40 Marks**

| Method of evaluation | Total marks |
|---|-------------|
| Assignment/ Project/ Case study / PowerPoint presentation | 20 |
| Report on guest lecture/ activity | 20 |
| TOTAL | 40 |

B] Semester End Examination (SEE)- 60 Marks

Maximum Marks

60

Duration

: 2 Hours

| Question No. | Particulars (Nature of Questions) | Marks (Given) | Marks (To Be Attempted) |
|--------------|------------------------------------|---------------|-------------------------|
| Q-1 | Answer the following: Any 4 | | |
| | A. Theory/Concept-based question | 5 | 20 |
| | B. Theory/Concept-based question | 5 | |
| | C. Theory/Concept-based question | 5 | |
| | D. Theory/Concept-based question | 5 | |
| | E. Theory/Concept-based question | 5 | |
| Q-2 | Answer the following: Any 4 | | |
| | A. Theory/Concept-based question | 5 | 20 |
| | B. Theory/Concept-based question | 5 | |
| | C. Theory/Concept-based question | 5 | |
| | D. Theory/Concept-based question | 5 | |
| | E. Theory/Concept-based question | 5 | |
| Q-3 | Answer the following: Any 4 | | |
| | A. Theory/Concept-based question | 5 | 20 |
| | B. Theory/Concept-based question | 5 | |
| | C. Theory/Concept-based question | 5 | |
| | D. Theory/Concept-based question | 5 | |
| | E. Theory/Concept-based question | 5 | |
| | Total | | 60 |

Reference Books:

- Elisa Bertino, Hai Jiang, Kuan-Ching Li, Xiaofeng Chen, “*Essentials of Blockchain Technology*”, CRC Press, 2019
- E. Golden Julie, J. Jesu Vedha Nayahi, Noor Zaman Jhanjhi, “*Blockchain Technology Fundamentals, Applications, and Case Studies*”, CRC Press, 2020
- Quinn DuPont, “*Cryptocurrencies and Blockchains*”, Polity Press, 2019
- Anita Ravani, Sashi Edupuganti, Jeannette Pugh, Sooraj Sushama, “*Applications of Blockchain Technology An Industry Focus*”, CRC Press, 2024

**Syllabus of courses of S.Y.B.F.M. Programme
(With effect from the Academic Year 2024-2025)**

3. General /Open Electives

3.A.a. Data Visualization using Power BI (3 Credits)

Semester III

| 3. General /Open Electives | |
|---|--|
| General Electives (GE)/ Open Elective (OE) | |
| 3.A.a Data Visualization using Power BI | |
| Course Objectives and Course Outcomes | |
| Course Objectives | |
| CObj 1 | To Learn how to integrate Excel and Power BI |
| CObj 2 | To learn different usage of Power Bi Reporting |
| CObj 3 | To learn how to manage relationships between data |
| CObj 4 | To learn about filters and dashboards in Power BI |
| Course Outcomes | |
| COut 1 | Learner should acquire knowledge of using Power Bi with Excel |
| COut 2 | Learners should be able to aggregate data in one location saving time and effort. |
| COut 3 | Learners should be able to use different filters Power BI |
| COut 4 | Learners should be able to create visualizations to display the analytics you need to answer crucial business questions. |
| COut 5 | Learners should be able to create a dashboard for KPI growth tracking. |

Modules at a Glance

| Data Visualization using Power BI | | |
|-----------------------------------|--------------------------|-----------------|
| Sr. No. | Modules | No. of Lectures |
| 1 | Introduction to Power BI | 15 |
| 2 | Data Modeling | 15 |
| 3 | Filters and Dashboards | 15 |
| Total No. of Lectures: | | 45 |

| Sr. No. | Modules |
|-----------|---|
| 1 | Introduction to Power BI |
| | BI Reporting, parts of Power BI, architecture of Power BI, Power BI Components, Licensing in Power BI, overview on creation of report Transformation of imported data, use of query editor for shaping data, combine data from multiple sources, Apply filter on data in query editor / Parameter based filtering, Power BI query editor functionalities |
| 2 | Data Modeling |
| | How to manage your data relationships, Data modeling, Cardinality options/ Types of relationships, Calculated measures, Difference between calculated column and measures, Evaluation of measures, Creation of calculated table, Creation of master calendar table, Explore time-based data, Exploring Drill down functionality of data Creation of Custom hierarchy apart from date hierarchy |
| 3. | Filters and Dashboards |
| | Types of Filters, applying Filter to a Visual, applying Filter to a Page Applying Filter to a Report, How to manage action of visuals onto another visual/ Edit interactions, managing RLS(Row level security) in Power BI, Manage Roles, page navigation in Power BI Make use of bookmarks, Clearing drill through, Clearing slicer, KPI Identification, Dashboard Design, Principles, Clarity and Hierarchy |

Data Visualization using Power BI**Question Paper Pattern (Academic Year: 2024-25)****Internal Examination & Semester End Examination – 100 Marks****A] Internals-40 Marks**

A Certified copy journal is essential to appear for the practical examination.

| Sr.No | Particulars | Marks |
|-------|----------------|-----------|
| 1. | Practical Work | 20 |
| 2. | Journal | 10 |
| 3. | Viva Voce | 10 |
| | Total | 40 |

| Practical Work (20 Marks) List of Practicals to be Conducted | |
|---|---|
| 1. | Data Acquisition and Cleaning |
| | Excel PivotTables & Power Query Data Cleansing in Power Query Merge & Filter in Power Query |
| 2. | Data Modelling |
| | Relationship Diagram tool Calculated Columns & Measures Dates in Power BI |
| 3. | Visual Storytelling with Power BI |
| | Dashboard Design Slicers and report filters in Power BI Choosing Maps and Chart acc to data |
| 4. | Navigation and Collaboration: |
| | Bookmarks & Drill Down Excel Linkages Power BI Service Sharing |
| 5. | KPI Dashboard |
| | Identify and Define KPIs Create a Dashboard using appropriate Visualizations Use conditional Formatting |

B] Semester End Examination (SEE)- 60 Marks

Maximum Marks

60

Duration

: 2 Hours

| Question No. | Particulars (Nature of Questions) | Marks (Given) | Marks (To Be Attempted) |
|--------------|------------------------------------|---------------|-------------------------|
| Q-1 | Answer the following: Any 4 | | |
| | A. Theory/Concept-based question | 5 | 20 |
| | B. Theory/Concept-based question | 5 | |
| | C. Theory/Concept-based question | 5 | |
| | D. Theory/Concept-based question | 5 | |
| | E. Theory/Concept-based question | 5 | |
| Q-2 | Answer the following: Any 4 | | |
| | A. Theory/Concept-based question | 5 | 20 |
| | B. Theory/Concept-based question | 5 | |
| | C. Theory/Concept-based question | 5 | |
| | D. Theory/Concept-based question | 5 | |
| | E. Theory/Concept-based question | 5 | |
| Q-3 | Answer the following: Any 4 | | |
| | A. Theory/Concept-based question | 5 | 20 |
| | B. Theory/Concept-based question | 5 | |
| | C. Theory/Concept-based question | 5 | |
| | D. Theory/Concept-based question | 5 | |
| | E. Theory/Concept-based question | 5 | |
| | Total | | 60 |

Books and References:

| Sr. No. | Title | Author/s | Publisher | Edition | Year |
|---------|--|------------------------------|----------------------|---------|------|
| 1 | Power BI Data Analysis And Visualization | Suraj Gaurav, Suren Machiraj | De G Press | _ | 2018 |
| 2 | Analyzing Data with Power BI and Power Pivot for Excel | Alberto Ferrari | Microsoft Press | First | 2017 |
| 3 | Basics of Power BI Modeling | Reza Rad | Radacad Systems Ltd. | _ | 2020 |
| 4 | Power BI Data Analysis And Visualization | Suraj Gaurav, Suren Machiraj | De G Press | _ | 2018 |

Syllabus of courses of SY B.F.M. Programme (With effect from the Academic Year 2024-2025)

3. Vocational & Skill Enhancement Courses (VSEC)

4 B. Vocational Skill Course (VSC)

4.B.a Financial Planning I -Equity Trading and Investing Skills (3 Credits)

Semester III

| 4. Vocational & Skill Enhancement Courses (VSEC) | |
|---|--|
| 4.B Vocational Skill Courses (VSC) | |
| 4.B. Financial Planning I -Equity Trading and Investing Skills | |
| Course Objectives and Course Outcomes | |
| Course Objectives | |
| CObj 1 | To create awareness about careers in equity markets |
| CObj 2 | To provide information & impart practical skills for trading & investing |
| CObj 3 | To provide information about the cash & derivatives segments of equity market in India |
| CObj 4 | To ensure that the trainees turn into successful traders & investors. |
| Course Outcomes | |
| COut 1 | The learner understands basic & applied concepts of equity market functioning. |
| COut 2 | The learner understands the practical aspects of equity trading & investing |
| COut 3 | The learner will be able to trade in the cash & derivatives segment of equity market. |
| COut 4 | The learner will be able to trade in the cash & derivatives segment of equity market. |
| COut 5 | The learner will be able to trade & invest in equity, personally & professionally |
| COut 6 | Learners develops skills to evaluate and manage financial risks through appropriate insurance coverage and risk management strategies. |
| COut 7 | Learner understands the importance of retirement planning and develop strategies to achieve retirement goals. |
| COut 8 | Learner understands tax planning strategies to minimize tax liabilities and optimize personal finances. |
| COut 9 | Learner understands the basic investor psychology towards personal financial goals. |
| COut10 | Learner demonstrates knowledge of ethical considerations and professional standards in personal financial planning. |

Modules at a Glance

| Financial Planning – I (Equity Trading and Investing Skills) | | |
|---|---|-----------------|
| Sr. No. | Modules | No. of Lectures |
| 1 | Introduction: Offline Sigma-Lines Methods of Sigma-Line Trading & Investing Online | 15 |
| 2 | Equity Investment with Sigma-Lines Online, Positional Trading with Sigma-Lines Online Swing Trading with Sigma-Lines Online | 15 |
| 3 | Intra-Day Trading with Sigma-Lines Online, Scalping with Sigma-Lines, Live Market Operations | 15 |
| Total No. of Lectures: | | 45 |

| Sr. No. | Modules |
|----------|---|
| 1 | Introduction: Offline Sigma-Lines Methods of Sigma-Line Trading & Investing Online |
| | Charles Dow's Greatest Discovery Dr. Mokashi's Theory of Triple Trend Integration Cash, Futures & Options Segments of Equity Markets Sigma-Lines Tides Wavs Ripps Behaviour of Sigma-Lines Average Sigma-Lines Bull Line Bear Line Behaviour of Average Sigma-Lines Triple Trend Method -TTM without Bull or Bear Line TTM with Bull or Bear Line Double Trend Method -DTM without Bull or Bear Line DTM with Bull or Bear Line Single Trend Method -STM without Bull or Bear Line STM with Bull or Bear Line |
| 2 | Equity Investment with Sigma-Lines Online, Positional Trading with Sigma-Lines Online and Swing Trading with Sigma-Lines Online |
| | Equity Investment Positional Trading Swing Trading |

| | |
|----------|--|
| 3 | Intra-Day Trading with Sigma-Lines Online, Scalping with Sigma-Lines, Live Market Operations |
| | Intra-Day Trading Scalping Day 1 shall be a Tuesday as weekly expiration day. Day 2 shall be a Thursday as the monthly expiration day. Practical Cases |

Financial Planning - I
Equity Trading and Investing Skills

Question Paper Pattern (Academic Year: 2024-25)

Internal Examination & Semester End Examination – 100 Marks

A] Internals-40 Marks

| Method of evaluation | Total marks |
|------------------------------|-------------|
| Assignment | 20 |
| Case study analysis/ Project | 20 |
| TOTAL | 40 |

B] Semester End Examination (SEE)- 60 Marks

Maximum Marks

60

Duration

: 2 Hours

| Question No. | Particulars (Nature of Questions) | Marks (Given) | Marks (To Be Attempted) |
|--------------|------------------------------------|---------------|-------------------------|
| Q-1 | Answer the following: Any 4 | | |
| | A. Theory/Concept-based question | 5 | 20 |
| | B. Theory/Concept-based question | 5 | |
| | C. Theory/Concept-based question | 5 | |
| | D. Theory/Concept-based question | 5 | |
| | E. Theory/Concept-based question | 5 | |
| Q-2 | Answer the following: Any 4 | | |
| | A. Theory/Concept-based question | 5 | 20 |
| | B. Theory/Concept-based question | 5 | |
| | C. Theory/Concept-based question | 5 | |
| | D. Theory/Concept-based question | 5 | |
| | E. Theory/Concept-based question | 5 | |
| Q-3 | Answer the following: Any 4 | | |

| | | | |
|--|----------------------------------|---|-----------|
| | A. Theory/Concept-based question | 5 | 20 |
| | B. Theory/Concept-based question | 5 | |
| | C. Theory/Concept-based question | 5 | |
| | D. Theory/Concept-based question | 5 | |
| | E. Theory/Concept-based question | 5 | |
| | Total | | 60 |

Reference Books:

- Introduction to Technical Analysis – Martin Pring
- Technical Analysis of Financial Markets – John Murphy
- Technical Analysis of Stock Trends – Edwards & Magee
- The Stock Market Barometer – William Hamilton
- The Dow Theory – Robert Rhea

Syllabus of courses of S. Y B. F.M. Programme

(With effect from the Academic Year 2024-2025)

4. Ability Enhancement Courses, Value Enhancement Course, Indian Knowledge System

5.A Ability Enhancement Course (AEC)

5.A.a Marathi/Hindi/Sanskrit (2 Credits)Semester III

| 5. Ability Enhancement Courses, Value Enhancement Course, Indian Knowledge System | |
|--|--|
| 5.A Ability Enhancement Course (AEC) | |
| 5.A.a Marathi/Hindi/Sanskrit (2 Credits) | |
| Course Objectives and Course Outcomes | |
| Course Objectives | |
| CObj 1 | To create curiosity in the minds of learners about the chosen language |
| CObj 2 | To help the learners understand the need to learn the chosen language |
| CObj 3 | To introduce learners to the structure of the chosen language |
| CObj 4 | To understand the richness of Indian selected languages with reference to consonants and vowels |
| CObj 5 | To understand unique characteristics of the chosen language |
| CObj 6 | To understand the use of Gender and Tenses |
| CObj 7 | To understand the use of Idioms and Phrases |
| CObj 8 | To know the various Dialects of the chosen language |
| CObj 9 | To understand the application of technology for communication by alternatively abled |
| CObj 10 | To understand the need of learning Functional Language |
| CObj 11 | To get familiarised with the Literature of the chosen language |
| CObj 12 | To get familiarised with the Literature translated to the chosen language from other languages |
| CObj 13 | To learn to appreciate the other literary forms of the chosen language |
| Course Outcomes | |
| COout 1 | The learner will be curious to learn the chosen language |
| COout 2 | The learner will be able to understand the need to learn the chosen language |
| COout 3 | The learner will get familiar with the structure of the chosen language |
| COout 4 | The learner will understand the richness of Indian selected languages with reference to constants and vowels |
| COout 5 | The learner will understand unique characteristics of the chosen language |
| COout 6 | The learner will understand how to apply knowledge of Gender and Tenses |
| COout 7 | The learner will understand the use of Idioms and Phrases |

| | |
|---------|--|
| COut 8 | The learner will know the various dialects of the chosen language |
| COut 9 | The learner will understand the application of technology for communication by alternatively abled |
| COut 10 | The learner will understand the need of learning functional language |
| COut 11 | The learner will get familiarised with the Literature of the chosen language |
| COut 12 | The learner will get familiarised with the Literature translated to the chosen language from other languages |
| COut 13 | The learner will learn to appreciate the other literary forms of the chosen language |

Modules at a Glance

| Marathi/Hindi/Sanskrit (2 Credits) | | |
|---|------------------------------------|------------------------|
| Sr. No. | Modules | No. of Lectures |
| 1 | Introduction to Linguistic Studies | 10 |
| 2 | Languages in Communication | 10 |
| 3 | Sanskrit Literature | 10 |
| Total No. of Lectures: | | 30 |

| Sr. No. | Modules |
|----------------|---|
| 1 | Introduction to Linguistic Studies |
| | Structure of languages English language compared with the select Indian languages – viz, Sanskrit, Marathi and Hindi Richness of Indian Languages with reference to Vowels, Consonants (maatras) Rhythmic characteristics of Indian languages. Unique characteristics of language (such as Repeat words like Sarsarahaat) Logic behind numbers in regional languages Use of Tenses and Gender |
| 2 | Languages in Communication |
| | Use of Idioms and Phrases Oral and Written Dialects Communication for alternatively abled Use of Sign language Language learning – Use of Technology Need for learning Functional Language |
| 3 | Sanskrit Literature |
| | The faculty member shall discuss with the learners about the richness of literature of the chosen language. Subsequently the entire class will choose two authors and two poets. The chosen literary work needs to be read and discussed in the class. Based on this module, internal evaluation shall be done. |

Marathi/Hindi/Sanskrit (2 Credits)**Question Paper Pattern (Academic Year: 2024-25)****Internal Examination & Semester End Examination – 50 Marks****A] Internals-20 Marks**

| Method of evaluation | Total marks |
|--|-------------|
| 1. The faculty will decide the means of taking internal evaluation. It can be oral quiz, dialogue exchange, role play, reading comprehension, listening comprehension etc. | 20 |
| TOTAL | 20 |

B] Semester End Examination (SEE)- 30 Marks**External evaluation:****Marks: 30****Duration: 1 hours****Note: (1) All questions are compulsory****(2) The learners can write answers in the chosen language or in English/Marathi/Hindi**

| Question No. | Particulars (Nature of question) | Marks |
|------------------------------|---|-----------|
| Questions with sub questions | Flexibility is given to the faculty to decide the paper pattern and depending on learner's ability will design the question paper. It can contain questions like identifying or changing gender, identifying or changing tenses, making rhythmic words, answer in one sentence etc. | 30 |
| | Total | 30 |

List of Reference Books:**Marathi*****स्थूलवाचनाकरिता काही पुस्तके***

०१. ओरिगामीची गंमत - अनिल अवचट
०२. गोड गोष्टी भाग १ ते १० - साने गुरुजी
०३. फास्टर फेणे - भा.रा.भागवत
०४. वाचू आनंदे - माधुरी पुरंदरे
०५. आपला भारत - राजा मंगळवेढेकर
(या व्यतिरिक्त इतर पुस्तकेही आपण द्यावीत.)

संदर्भ ग्रंथ

०१. व्यावहारिक मराठी - ल.रा.नसिराबादकर
०२. व्यावहारिक मराठी - स्नेहल तावरे
०३. व्यावहारिक मराठी - डॉ.प्रकाश परब
०४. भाषांतर चिकित्सा - मधुकर मोकाशी
०५. भाषासंवाद - डॉ.अनिल गवळी, डॉ.नंदकुमार मोरे
०६. उपयोजित मराठी - प्रभाकर जोशी, किशोर पाटील
०७. उपयोजित मराठी (गं.ना.जोगळेकर कृतज्ञता ग्रंथ - संपा.केतकी मोडक व इतर
०८. उपयोजित मराठी व प्रसारमाध्यमांची कार्यशैली - डॉ.संदीप सांगळे
०९. उपयोजित मराठी - लेखन व संवाद कौशल्यांचा परिचय - प्रा.सत्यजित साळवे, प्रा.दीपक पवार
१०. उपयोजित मराठी आणि प्रसारमाध्यमे - संदीप सांगळे

11. Chitre Dilip, Anathology of Marathi Poetry, Nirmala Sadanand Pub., Bombay 1967

The faculty can select/recommend few more reference books.

Sanskrit

1. Arthashastra of Kautiliya
2. *Bhagavad-Geeta*
3. Ramayana/ Ayurved subhashitas
4. Mahabharata – Vidurniti
5. Subhashita
6. Stotra / General Information of Sanskrit Literature

The faculty can select/recommend few more reference books.

Hindi

1. Sharma, S.N., *Hindi Grammer and Translation*
2. Government of India (Ministry of Education), Technical Terms in Hindi For Secondary Schools Mathematics, Albion Press, India 1955
3. Narayangaonkar, Deepak. Sabse Nyara Desh Hamara: Patriotic Hindi Songs.
4. Reserve Bank of India. Reserve Bank of India Annual Report 2007-08 with Hindi Sanskaran
5. Maharashtra Rashtrbhasha Sabha. Kahaniyaa:3

The faculty can select/recommend a few more reference books.

Syllabus of courses of SY B. F.M. Programme (With effect from the Academic Year 2024-2025)
5.C Field Project/Apprenticeship/Community Engagement & Services)
5.C.a Project Work (2 Credits) Semester III

| 5.C Field Project/Apprenticeship/Community Engagement & Services) | |
|--|---|
| 5.C.a Project Work (2 Credits) | |
| Course Objectives and Course Outcomes | |
| Course Objectives | |
| CObj 1 | To provide students with the essential knowledge and skills required to conduct effective research. |
| CObj 2 | To cover the aspects of research methodologies, data analysis techniques, and practical applications. |
| CObj 3 | To enable the learners to critically evaluate financial information |
| Course Outcomes | |
| COut 1 | The learners are able to make informed decisions |
| COut 2 | The learner is able to understand the various aspects of Financial Research |
| COut 3 | The learner understands the difference between Financial Market Efficiency and Anomalies |
| COut 4 | The learner understands the role of behavioral finance in Research analysis |
| COut 5 | The learners learn to use statistical tools in PowerPoint presentations, |
| COut 6 | The learner is able to understand the practical applications. |
| COut 7 | Learners are able to demonstrate Practical application of preparing flyers and leaflets help the learners demonstrate their creativity. |
| COut 8 | Learners demonstrate Listening, Comprehension, Speaking Skills. Nonverbal communication skills of learners are enhanced. |
| COut 9 | The learner is able to understand data analysis techniques |
| COut 10 | Learners are able to analyse texts from the fields of Finance and Management |

Project work (2 credits)

The learner would need to submit a project based on Internship and a project based on a Research topic for semester III and IV.

The learner submitting the project work for internship could do the same in semester III and the project work based on a topic could be submitted in semester IV or vice versa.

The learner could select the order of submission for semester III and IV.

The submissions would be subjected to plagiarism and the report of the same to be attached at the end of the project

The learner will be required to fulfil the following requirements to be able to submit the project work based on Internship:

- **Minimum 30 working days/150 hours of internship with an Organisation/ NGO**

- **Details of the Organisation/ NGO:**

- i) Why it was selected- objective/s
- ii) Work Culture
- iii) Type of the Organisation
- iv) Organisation Structure
- v) Types of product & Service offered by the Organisation

- **Learning Objectives**

- **Work done by the student**

Department, product/s handled, Department visited & his/her observation about those department.

- **Learner's experience and whether he/she feels that the objective/s have been achieved.**

Note: for internship

- *Experience certificate/ Internship completion certificate to be attached*

Evaluation:

| Viva Voce | Marks |
|----------------|-----------|
| External guide | 30 |
| Internal guide | 20 |
| Total | 50 |

A Power Point presentation should be prepared showcasing the highlights of the project.

▪ **The learner will be required to submit a Research topic-based Project following the below mentioned guidelines:**

▪ **Introduction:**

▪ **Why the Organisation was selected, objective of study, scope and limitations**

▪ **Literature Overview**

▪ **Research Methodology:**

i) Primary- Sample 40-50 respondents

ii) Secondary

iii) Hypothesis

iv) Questionnaire

v) Statistical tools & Techniques

▪ **Classification & Tabulation of Data**

▪ **Analysis & Interpretation of Data**

▪ **Conclusions & Recommendations Evaluation:**

| Viva Voce | Marks |
|-----------------------|--------------|
| External guide | 30 |
| Internal guide | 20 |
| Total | 50 |

A Power Point presentation should be prepared showcasing the highlights of the project

Syllabus of courses of SYBFM Programme (With effect from the Academic Year 2024-2025)
1. Major (1.A Financial Markets VIII)

1.A.a. Equity Markets -II (3 Credits)Semester IV

| 1.Major | |
|--|---|
| 1.A Financial Markets VIII | |
| 1.A.a Equity Markets –II | |
| Course Objectives and Course Outcomes | |
| Course Objectives | |
| CObj 1 | To impart knowledge relating to development in the Indian Equity Market. |
| CObj 2 | This paper will enable the students to understand the valuation of securities and securities analysis |
| CObj 3 | To help them in understanding statistical analysis of share price movement |
| CObj 4 | To get acquainted with the knowledge of dealings in stock market |
| Course Outcomes | |
| COut 1 | Practical exposure helps the students to understand the functioning of the Stockmarket, players of equity market and valuation. |
| COut 2 | It helps in the learning of the analysis of different investing opportunities in equitymarket. |
| COut 3 | It provides a new career opportunity for the students in financial market |
| COut 4 | Understanding of the Different types of share price movements. |
| COut5 | Learner is able to explain the meaning and features of financial regulators in India such as the Reserve Bank of India (RBI), Securities and Exchange Board of India (SEBI), and Insurance Regulatory and Development Authority of India (IRDAI). |
| COut 6 | Learner understands the Role and Functions of the financial regulators. |
| COut 7 | Learner understands the meaning and classification of various financial instruments. |
| COut 8 | Learner understands evaluation and characteristics of financial instruments and new financial instruments. |
| COut 9 | Evaluate and compare different financial products available in India including their features, risks, and benefits. |
| COut10 | Analyze the interdependencies and interactions between various components of the Indian financial system. |

Modules at a Glance

| Equity Markets -II | | |
|-------------------------------|--|------------------------|
| Sr. No. | Modules | No. of Lectures |
| 1 | Developments in the Indian Equity Market | 15 |
| 2 | Security Analysis & Valuation of Securities | 15 |
| 3 | Statistical Analysis of Share price movement and Dealings in Stock Exchanges | 15 |
| Total No. of Lectures: | | 45 |

| Sr. No. | Modules |
|----------------|---|
| 1 | Developments Equity Market in the Indian |
| | Domestic savings & investments Disinvestments, FDI & Foreign Institution Investment Role of Retail Investors Share Price & Share Price Volatility Role of SEBI |
| 2 | Security Analysis & Valuation of Securities |
| | Factors affecting Share Prices Fundamental Analysis in detail. Technical Analysis in detail Macro-Economic factors Market related factors |
| 3 | Statistical Analysis of Share price movement and Dealings in StockExchanges |
| | Efficient Market Hypothesis Stochastic Models Brownian Motion Role of Brokers Stock Market Quotations Procedure for buying & selling BOLT - On Line Trading/ NEAT System Clearing & Settlement |

Financial Markets VIII
Equity Markets -II
Question Paper Pattern (Academic Year: 2024-25)

Internal Examination & Semester End Examination – 100 Marks

A] Internals-40 Marks

| Method of evaluation | Total marks |
|------------------------------|-------------|
| Assignment | 20 |
| Case study analysis/ Project | 20 |
| TOTAL | 40 |

B] Semester End Examination (SEE)- 60 Marks

Maximum Marks

60

Duration

: 2 Hours

| Question No. | Particulars (Nature of Questions) | Marks (Given) | Marks (To Be Attempted) |
|--------------|------------------------------------|---------------|-------------------------|
| Q-1 | Answer the following: Any 4 | | |
| | A. Theory/Concept-based question | 5 | 20 |
| | B. Theory/Concept-based question | 5 | |
| | C. Theory/Concept-based question | 5 | |
| | D. Theory/Concept-based question | 5 | |
| | E. Theory/Concept-based question | 5 | |
| Q-2 | Answer the following: Any 4 | | |
| | A. Theory/Concept-based question | 5 | 20 |
| | B. Theory/Concept-based question | 5 | |
| | C. Theory/Concept-based question | 5 | |
| | D. Theory/Concept-based question | 5 | |
| | E. Theory/Concept-based question | 5 | |
| Q-3 | Answer the following: Any 4 | | |
| | A. Theory/Concept-based question | 5 | 20 |
| | B. Theory/Concept-based question | 5 | |
| | C. Theory/Concept-based question | 5 | |
| | D. Theory/Concept-based question | 5 | |
| | E. Theory/Concept-based question | 5 | |
| | Total | | 60 |

Reference Books (with Chapters):

- Allen, Larry (1750-2000). The Global Financial System.
- Ian H. Giddy (1994). Global Financial Markets. Houghton Mifflin.
- Saunders, Anthony & Cornett, Marica Millon. Financial markets & institutions: A modern perspective: TMH
- LM Bhole. Financial institutions & markets: Structure, growth & innovations. TMH(5th ed.)
- Chandra, P. (2011) Corporate Valuation and Value Creation, (1st ed). TMH

Syllabus of courses of SYBFM Programme (With effect from the Academic Year 2024-2025)**1. Major (1.A Financial Markets IX)****1.A.b. Debt Markets -II (3 Credits)Semester IV**

| 1.Major | |
|--|--|
| 1.A Financial Markets IX | |
| 1.A.b Debt Markets -II | |
| Course Objectives and Course Outcomes | |
| Course Objectives | |
| CObj 1 | To impart knowledge relating to Fixed Income Mathematics. |
| CObj 2 | This paper will enable the students to understand the valuation of debt instruments, bonds, prices of bond and interest rates |
| CObj 3 | To help them in tracking bond markets and other fixed income markets |
| CObj 4 | To get acquainted with the knowledge of bond portfolio management strategies |
| Course Outcomes | |
| COut 1 | Bond markets tracking exposure helps the students to understand theeconomicindicators, Monetary policy and Currency valuation. |
| COut 2 | It helps in the learning of the role of debt markets then and now |
| COut 3 | It provides a new career opportunity for the students in portfolio management |
| COut 4 | Understanding of the Different types of bond management strategies. |
| COut5 | Learner is able to explain the meaning and features of financial regulators in India such as the Reserve Bank of India (RBI), Securities and Exchange Board of India(SEBI), and Insurance Regulatory and Development Authority of India (IRDAI). |
| COut 6 | Learner understands the Role and Functions of the financial regulators. |
| COut 7 | Learner understands the meaning and classification of various financial instruments. |
| COut 8 | Learner understands evaluation and characteristics of financial instruments and new financial instruments. |
| COut 9 | Evaluate and compare different financial products available in India including their features, risks, and benefits. |
| COut10 | Analyze the interdependencies and interactions between various components of the Indian financial system. |

Modules at a Glance

| Debt Markets -II | | |
|-------------------------------|--|------------------------|
| Sr. No. | Modules | No. of Lectures |
| 1 | Basic concepts and Fixed Income Mathematics | 15 |
| 2 | Valuation of Bonds and Debt instruments. | 15 |
| 3 | Tracking Fixed Income Markets and Portfolio Management | 15 |
| Total No. of Lectures: | | 45 |

| Sr. No. | Modules |
|----------------|---|
| 1 | Basic concepts and Fixed Income Mathematics |
| | Introduction to fixed income pricing Yield curve, Bond mathematics Duration and Convexity Duration - including modified and Maculay Duration, Convexity |
| 2 | Valuation of Bonds and Debt instruments. |
| | Valuation of simple debt instruments, Valuation of bonds, Bond prices and interest rates Valuation of complex debt instruments Valuation of convertible bonds, Valuation of options, Black Scholes option pricing models, Introduction to the Greeks Exotic debt instruments MBS, CDS, Principal protected ELD, CDO |
| 3 | Tracking Fixed Income Markets and Portfolio Management |
| | Tracking bond markets The bond traders arsenal of economic indicators, Inflation, Monetary policy, Government deficits, Currency valuation, The subprime crisis and the role of debt markets in the crisis – Then and now Bond portfolio management strategies Meaning, Types of bond management strategy, Active, passive, neutral strategies |

Financial Markets IX
Debt Markets -II
Question Paper Pattern (Academic Year: 2024-25)

Internal Examination & Semester End Examination – 100 Marks

A] Internals-40 Marks

| Method of evaluation | Total marks |
|------------------------------|-------------|
| Assignment | 20 |
| Case study analysis/ Project | 20 |
| TOTAL | 40 |

B] Semester End Examination (SEE)- 60 Marks

Maximum Marks

60

Duration

: 2 Hours

| Question No. | Particulars (Nature of Questions) | Marks (Given) | Marks (To Be Attempted) |
|--------------|------------------------------------|---------------|-------------------------|
| Q-1 | Answer the following: Any 4 | | |
| | A. Theory/Concept-based question | 5 | 20 |
| | B. Theory/Concept-based question | 5 | |
| | C. Theory/Concept-based question | 5 | |
| | D. Theory/Concept-based question | 5 | |
| | E. Theory/Concept-based question | 5 | |
| Q-2 | Answer the following: Any 4 | | |
| | A. Theory/Concept-based question | 5 | 20 |
| | B. Theory/Concept-based question | 5 | |
| | C. Theory/Concept-based question | 5 | |
| | D. Theory/Concept-based question | 5 | |
| | E. Theory/Concept-based question | 5 | |
| Q-3 | Answer the following: Any 4 | | |
| | A. Theory/Concept-based question | 5 | 20 |
| | B. Theory/Concept-based question | 5 | |
| | C. Theory/Concept-based question | 5 | |
| | D. Theory/Concept-based question | 5 | |
| | E. Theory/Concept-based question | 5 | |
| | Total | | 60 |

Reference Books (with Chapters):

- Allen, Larry (1750-2000). The Global Financial System.
- Ian H. Giddy (1994). Global Financial Markets. Houghton Mifflin.
- Saunders, Anthony & Cornett, Marica Millon. Financial markets & institutions: A modern perspective: TMH
- LM Bhole. Financial institutions & markets: Structure, growth & innovations. TMH(5thed.)
- Chandra, P. (2011) Corporate Valuation and Value Creation, (1st ed). TMH

Syllabus of courses of SYBFM Programme (With effect from the Academic Year 2024-2025)

1. Major (1.A Financial Markets X)

1.A.c. Commodity Markets -II (3 Credits)Semester III

| 1.Major | |
|--|---|
| 1.A Financial Markets X | |
| 1.A.c. Commodity Markets -II | |
| Course Objectives and Course Outcomes | |
| Course Objectives | |
| CObj 1 | To ensure that the learner understand show to hedge his risks, diversifying his portfolio. |
| CObj 2 | To enable the learner to understand global diversification and hedging against inflation and deflation |
| CObj 3 | To understand complex financial instruments that are used for various purposes, including hedging |
| CObj 4 | To enable the learner understand the concepts of Options and Option Pricing Models |
| Course Outcomes | |
| COut 1 | The student learns concepts related to Commodities and Derivatives market. |
| COut 2 | The learner is acquainted with the trading, clearing and settlement mechanism in derivatives Market |
| COut 3 | The learner can relate to orders and clearing process |
| COut 4 | The learner is aware of various Risk Management measures |
| COut 5 | Learner is able to explain the meaning and features of financial regulators in India such as the Reserve Bank of India (RBI), Securities and Exchange Board of India (SEBI), and Insurance Regulatory and Development Authority of India (IRDAI). |
| COut 6 | Learner understands the Role and Functions of the financial regulators. |
| COut 7 | Learner understands the meaning and classification of various financial instruments. |
| COut 8 | Learner understands evaluation and characteristics of financial instruments and new financial instruments. |
| COut 9 | Evaluate and compare different financial products available in India including their features, risks, and benefits. |
| COut 10 | Analyze the interdependencies and interactions between various components of the Indian financial system. |

Modules at a Glance

| Commodity Markets –II | | |
|-------------------------------|--|------------------------|
| Sr. No. | Modules | No. of Lectures |
| 1 | Futures and Hedging | 15 |
| 2 | Options and Option Pricing Models | 15 |
| 3 | Trading, Clearing & Settlement In Derivatives Market and Types of Risk | 15 |
| Total No. of Lectures: | | 45 |

| Sr. No. | Modules |
|----------------|--|
| 1 | Futures and Hedging |
| | <p>Futures: Futures Contract Specification, Terminologies, Concept of Convergence, Relationship between Futures Price & Expected Spot Price, Basis & Basis Risk Pricing of Futures Contract, Cost of Carry Model</p> <p>Hedging: Speculation & Arbitrage using Futures, Long Hedge – Short Hedge, Cash & Carry Arbitrage, Reverse Cash & Carry Arbitrage, Payoff Charts & Diagrams for Futures Contract, Perfect & Imperfect Hedge</p> |
| 2 | Options and Option Pricing Models |
| | <p>Options: Options Contract Specifications, Terminologies, Call Option, Put Option, Difference between Futures & Options, Trading of Options, Valuation of Options Contract, Factors affecting Option Premium, Payoff Charts & Diagrams for Options Contract Basic Understanding of Option Strategies Options Pricing Models Binomial Option Pricing Model, Black - Scholes Option Pricing Model</p> |
| 3 | Trading, Clearing & Settlement In Derivatives Market and Types of Risk |
| | <p>Trading, Clearing & Settlement In Derivatives Market: Meaning and Concept, SEBI Guidelines, Trading Mechanism – Types of Orders, Clearing Mechanism – NSCCL – its Objectives & Functions, Settlement Mechanism – Types of Settlement</p> <p>Types of Risk: Value at Risk, Methods of calculating VaR, Risk Management Measures, Types of Margins, SPAN Margin</p> |

Financial Markets X
Commodity Markets -II
Question Paper Pattern (Academic Year: 2024-25)

Internal Examination & Semester End Examination – 100 Marks

A] Internals-40 Marks

| Method of evaluation | Total marks |
|------------------------------|-------------|
| Assignment | 20 |
| Case study analysis/ Project | 20 |
| TOTAL | 40 |

B] Semester End Examination (SEE)- 60 Marks

Maximum Marks

60

Duration

: 2 Hours

| Question No. | Particulars (Nature of Questions) | Marks (Given) | Marks (To Be Attempted) |
|--------------|------------------------------------|---------------|-------------------------|
| Q-1 | Answer the following: Any 4 | | |
| | A. Theory/Concept-based question | 5 | 20 |
| | B. Theory/Concept-based question | 5 | |
| | C. Theory/Concept-based question | 5 | |
| | D. Theory/Concept-based question | 5 | |
| | E. Theory/Concept-based question | 5 | |
| Q-2 | Answer the following: Any 4 | | |
| | A. Theory/Concept-based question | 5 | 20 |
| | B. Theory/Concept-based question | 5 | |
| | C. Theory/Concept-based question | 5 | |
| | D. Theory/Concept-based question | 5 | |
| | E. Theory/Concept-based question | 5 | |
| Q-3 | Answer the following: Any 4 | | |
| | A. Theory/Concept-based question | 5 | 20 |
| | B. Theory/Concept-based question | 5 | |
| | C. Theory/Concept-based question | 5 | |
| | D. Theory/Concept-based question | 5 | |
| | E. Theory/Concept-based question | 5 | |
| | Total | | 60 |

Reference Books (with Chapters):

- John C. Hull & Basu -Futures, options & other derivatives
- Robert McDonald, Derivatives market, Pearson education
- John Hull, Fundamentals of futures & options
- Ankit Gala & Jitendra Gala, Guide to Indian Commodity market, Buzzingstock publishing house
- K.Sasidharan & Alex K. Mathews, Option trading – bull market strategies, McGraw Hill publication
- NitiChatnani, Commodity markets, McGraw Hill Publication
- S. Kevin, Commodities & financial derivatives, PHI learning Pvt ltd
- Suni K Parmeswaran, Futures & options, McGraw Hill

Syllabus of courses of SYBFM Programme (With effect from the Academic Year 2024-2025)
2. Minor (Allied Course IV)

2.A.a. Banking Law and Practice (3 Credits)Semester IV

| 2.Minor | |
|--|--|
| 2.A Banking Law And Practice | |
| 2.A. a. Banking Law And Practice | |
| Course Objectives and Course Outcomes | |
| Course Objectives | |
| CObj 1 | To enable learners to understand the legal framework within which the Banking industry operates in India. |
| CObj 2 | To ensure that learners understand the relationship between banker and customer from a legal point of view. |
| CObj 3 | To understand various laws and enactments affecting day to day operations of banks. |
| CObj 4 | To become aware of the principles of lending in banking sector |
| Course Outcomes | |
| COut 1 | Students will be able to understand the theoretical framework of banking regulations in India. |
| COut 2 | Students will be able to explore the legal relationship between Banker and customer |
| COut 3 | Students will be able to understand different banking terminologies and their legalrelevance in Banks's day to day operations |
| COut 4 | Students will be able to explore how the lending decisions are taken in the banks andvarious terminologies used in lending |
| COut5 | Learner is able to explain the meaning and features of financial regulators in India such as the Reserve Bank of India (RBI), Securities and Exchange Board of India(SEBI), and Insurance Regulatory and Development Authority of India (IRDAI). |
| COut 6 | Learner understands the Role and Functions of the financial regulators. |
| COut 7 | Learner understands the meaning and classification of various financial instruments. |
| COut 8 | Learner understands evaluation and characteristics of financial instruments and new financial instruments. |
| COut 9 | Evaluate and compare different financial products available in India including their features, risks, and benefits. |
| COut10 | Analyze the interdependencies and interactions between various components of the Indian financial system. |

Modules at a Glance

| Banking Law And Practice | | |
|---------------------------------|---|-----------------|
| Sr. No. | Modules | No. of Lectures |
| 1 | Legal Framework of Regulation of Banks | 15 |
| 2 | Banker and Customer Relationship | 15 |
| 3 | Principles of Bank Lending and Banking Operations | 15 |
| Total No. of Lectures: | | 45 |

| Sr. No. | Modules |
|---------|---|
| 1 | Legal Framework of Regulation of Banks |
| | <p>Legal Framework of Regulation of Banks Business of Banking- Constitution of Banks; RBI Act, 1934; Banking Regulation Act, 1949; Role of RBI; Govt. as a Regulator of Banks; Control over Cooperative Banks; Regulation by other Authorities Regulation of Banking Business- Power of RBI to Issue Directions; Acceptance of Deposits; Nomination; Loans and Advances; Regulation of Interest Rate; Regulation of Payment Systems; Internet Banking Guidelines; Regulation of Money Market Instruments; Banking Ombudsman; Reserve Funds; Maintenance of CRR, SLR; Assets in India Recent Legislative Changes in RBI Act and Banking Regulation Act- Recent Legislative Changes in RBI Act and Banking Regulation Act, Need thereof, New Bank Licensing Policy, 2013 Types of Commercial Banks- Public Banks, Private Banks, Foreign Banks, Co-operative Banks, Payment Banks, Small Finance Banks</p> |
| 2 | Banker and Customer Relationship |
| | <p>Banker and Customer: Meaning of Banker and Customer – Banking Company – General and Special Relationships between Banker and Customer. Types of Customers and Account holders: Procedure and Practice in opening and conducting the accounts of customers particularly individuals including minors - Joint Account Holders. Partnership Firms - Joint Stock companies with limited liability- Executors and Trustees-Clubs and Associations-Joint Hindu Family</p> |
| 3 | Principles of Bank Lending and Banking Operations |

| | |
|--|--|
| | <p>Indemnities- Definition of Contract of Indemnity; Features of Indemnity Contract & Guarantee; Scope and Application of Indemnity Contracts to Banks; Obligations of a Banker; Precaution & Rights of an Indemnity Holder</p> <p>Bank Guarantees- Definition and Types of Bank Guarantees; Banker's Duty to Honour Guarantee; Precautions to be taken for Issuance of Bank Guarantee; Precautions to be taken for Payment under Bank Guarantee; Invocation & Enforcement.</p> <p>Letters of Credit- General Considerations of Letters of credit; Parties to a Letter of credit; Types of Letters of credit; Documents under a Letter of credit; UCPDC 600; Banks obligation for payment of Letter of credit</p> <p>Laws Relating to Securities and Modes of Charging- Mortgage; Types of Mortgage; Enforcement of Mortgages, Lien; Pledge; Hypothecation; etc.</p> <p>Legal aspects of a Cheque- Definition of a cheque, different types of cheques, crossing of a cheque, payment of cheque crossed generally or specially, cheque bearing "Not Negotiable", double crossing</p> <p>Legal provisions regarding endorsements- General rules regarding the form of endorsements</p> <p>Principles of Bank Lending Different kinds of borrowing facilities granted by banks - Loans, Cash Credit, Overdraft, Bills Purchased, Bills Discounted, Letters of Credit - Types of Securities – NPA</p> |
|--|--|

Banking Law And Practice
Question Paper Pattern (Academic Year: 2024-25)

Internal Examination & Semester End Examination – 100 Marks

A] Internals-40 Marks

| Method of evaluation | Total marks |
|------------------------------|-------------|
| Assignment | 20 |
| Case study analysis/ Project | 20 |
| TOTAL | 40 |

B] Semester End Examination (SEE)- 60 Marks

Maximum Marks

60

Duration

: 2 Hours

| Question No. | Particulars (Nature of Questions) | Marks (Given) | Marks (To Be Attempted) |
|--------------|------------------------------------|---------------|-------------------------|
| Q-1 | Answer the following: Any 4 | | |
| | A. Theory/Concept-based question | 5 | 20 |
| | B. Theory/Concept-based question | 5 | |
| | C. Theory/Concept-based question | 5 | |
| | D. Theory/Concept-based question | 5 | |
| | E. Theory/Concept-based question | 5 | |
| Q-2 | Answer the following: Any 4 | | |
| | A. Theory/Concept-based question | 5 | 20 |
| | B. Theory/Concept-based question | 5 | |
| | C. Theory/Concept-based question | 5 | |
| | D. Theory/Concept-based question | 5 | |
| | E. Theory/Concept-based question | 5 | |
| Q-3 | Answer the following: Any 4 | | |
| | A. Theory/Concept-based question | 5 | 20 |
| | B. Theory/Concept-based question | 5 | |
| | C. Theory/Concept-based question | 5 | |
| | D. Theory/Concept-based question | 5 | |
| | E. Theory/Concept-based question | 5 | |
| | Total | | 60 |

Reference Books (with Chapters):

- Tanna M.L: Banking Law and Practice in India.
- Sheldon H.P: Practice and Law of Banking.
- Kothari N. M: Law and Practice of Banking.
- Maheshwari. S.N.: Banking Law and Practice
- Gordon & Natarajan: Banking Theory Law and Practice, HPH.
- Maheshwari. S.N.: Banking Law and Practice, Kalyani Publisher
- Gagendra Naidu, S. K. Poddar , Law and Practice of Banking, VBH.
- M. Prakash – Banking Regulation & Operations, VBH.
- P.SubbaRao ; Bank Management, HPH.
- V. Iyengar; Introduction to Banking, Excel Books

Syllabus of courses of SY B.F.M. Programme (With effect from the Academic Year 2024-2025)

3. General / Open Electives

3 A. General Electives (GE) / Open Electives (OE) 3.A.a. Digitalization of Capital Markets (3 Credits)

Semester IV

| 3. General /Open Electives | |
|--|---|
| General Electives (GE)/ Open Elective (OE) | |
| 3.A.a Digitalization of Capital Markets | |
| Course Objectives and Course Outcomes | |
| Course Objectives | |
| CObj 1 | To enable learners to examine the impact of digitization on traditional capital market structures. |
| CObj 2 | To create awareness about regulatory challenges and emerging trends in the financial industry. |
| CObj 3 | To enable learners to get familiar with digital securities and tokenization |
| Course Outcomes | |
| COut 1 | The learner learns about digital transformation of capital markets. |
| COut 2 | The learner is able to understand the integration of technology in financial instruments, trading platforms, and investment strategies. |
| COut 3 | The learner understands the basics of digitalization in finance. |
| COut 4 | The learner understands the relationship between Fintech and its Impact. |
| COut 5 | There is awareness of the Regulatory framework and its challenges. |
| COut 6 | The learner is familiar with the digital concepts of money markets. |
| COut 7 | There is better understanding of the framework of capital market digitalization. |
| COut 8 | The learner is aware of the tools and methodology involved in digitalization concepts. |
| COut 9 | There is greater level of financial literacy. |
| COut 10 | The learner is able to take informed investment decisions |

Modules at a Glance

| Digitalization of Capital Markets | | |
|-----------------------------------|--|-----------------|
| Sr. No. | Modules | No. of Lectures |
| 1 | Fundamentals of Capital Markets in the Digital Age | 15 |
| 2 | Digital Securities and Tokenization | 15 |
| 3 | Algorithmic Trading and Quantitative Finance | 15 |
| Total No. of Lectures: | | 45 |

| Sr. No. | Modules |
|----------|--|
| 1 | Fundamentals of Capital Markets in the Digital Age |
| | Overview of Capital Markets Role of Technology in Capital Markets Market Infrastructure and Digital Platforms Regulatory Landscape in Digital Capital Markets |
| 2 | Digital Securities and Tokenization |
| | Introduction to Digital Securities Tokenization of Assets Security Token Offerings (STOs) Legal and Regulatory Considerations in Tokenized Assets |
| 3 | Algorithmic Trading and Quantitative Finance |
| | Algorithmic Trading Strategies Machine Learning in Capital Markets High-Frequency Trading Risks and Ethical Implications of Algorithmic Trading |

Digitalization of Capital Markets*Question Paper Pattern (Academic Year: 2024-25)***Internal Examination & Semester End Examination – 40 Marks****A] Internals-40 Marks**

| Method of evaluation | Total marks |
|----------------------|-------------|
| Practical Work | 20 |
| Assignment | 20 |
| TOTAL | 40 |

B] Semester End Examination (SEE)- 60 Marks

Maximum Marks

60

Duration

: 2 Hours

| Question No. | Particulars (Nature of Questions) | Marks (Given) | Marks (To Be Attempted) |
|--------------|------------------------------------|---------------|-------------------------|
| Q-1 | Answer the following: Any 4 | | |
| | A. Theory/Concept-based question | 5 | 20 |
| | B. Theory/Concept-based question | 5 | |
| | C. Theory/Concept-based question | 5 | |
| | D. Theory/Concept-based question | 5 | |
| | E. Theory/Concept-based question | 5 | |
| Q-2 | Answer the following: Any 4 | | |
| | A. Theory/Concept-based question | 5 | 20 |
| | B. Theory/Concept-based question | 5 | |
| | C. Theory/Concept-based question | 5 | |
| | D. Theory/Concept-based question | 5 | |
| | E. Theory/Concept-based question | 5 | |
| Q-3 | Answer the following: Any 4 | | |
| | A. Theory/Concept-based question | 5 | 20 |
| | B. Theory/Concept-based question | 5 | |
| | C. Theory/Concept-based question | 5 | |
| | D. Theory/Concept-based question | 5 | |
| | E. Theory/Concept-based question | 5 | |
| | Total | | 60 |

- **References Books:**

- "Flash Boys: A Wall Street Revolt" by Michael Lewis
- "Digital Asset Markets: The Definitive Guide to Cryptocurrencies" by Antony Lewis
- "The FinTech Book: The Financial Technology Handbook for Investors, Entrepreneurs and Visionaries" by Susanne Chishti and Janos Barberis
- "Quantitative Finance For Dummies" by Steve Bell
- "Capital Markets: Institutions, Instruments, and Risk Management" by Frank J. Fabozzi

Syllabus of courses of SY B.F.M. Programme (With effect from the Academic Year 2024-2025)

3. General / Open Electives

3 A. General Electives (GE) / Open Electives (OE)

3.A.a. Family Business Enterprise (3 Credits) Semester IV

| 3. General /Open Electives | |
|--|--|
| 3.A. General Electives (GE)/ Open Elective (OE) | |
| 3.A.a. Family Business Enterprise | |
| Course Objectives and Course Outcomes | |
| Course Objectives | |
| CObj 1 | To equip students with the knowledge and skills to effectively manage and lead family businesses in a global context. |
| CObj 2 | To develop critical thinking and decision-making skills to navigate the unique challenges and opportunities of family-owned enterprises. |
| CObj 3 | To gain understanding of the complex dynamics between family relationships and business operations in a globalizing world. |
| CObj 4 | To strategically expand family businesses into new markets and achieve sustainable growth. |
| Course Outcomes | |
| COut 1 | Analyze the distinctive characteristics, strengths, and challenges of family businesses compared to non-family-owned enterprises. |
| COut 2 | Evaluate and recommend appropriate governance structures for family businesses to ensure effective decision-making and succession planning. |
| COut 3 | Develop strategies for managing interpersonal dynamics within the family context and minimizing conflict in business operations. |
| COut 4 | Conduct market research and assess national expansion opportunities for family businesses, considering legal and regulatory complexities. |
| COut 5 | Design and implement effective succession planning strategies for leadership transition and talent development within the family. |
| COut 6 | Manage the financial aspects of family businesses, including capital structure, risk management, and financial performance analysis. |
| COut 7 | Critically evaluate the feasibility and potential challenges of internationalizing family businesses. |
| COut 8 | Develop cross-cultural competence to navigate diverse business environments and effectively communicate in an international setting. |
| COut 9 | Identify and manage risks associated with global operations, including currency fluctuations, political instability, and cultural differences. |
| COut 10 | Evaluate and leverage strategic alliances and partnerships to facilitate international expansion and mitigate market entry risks. |

Modules at a Glance

| Family Business Enterprise | | |
|-----------------------------------|---|-----------------|
| Sr. No. | Modules | No. of Lectures |
| 1 | Foundations of Family Business Management | 15 |
| 2 | National Expansion Strategies for Family Businesses | 15 |
| 3 | Internationalization of Family Businesses | 15 |
| Total No. of Lectures: | | 45 |

| Sr. No. | Modules |
|----------|--|
| 1 | Foundations of Family Business Management |
| | <p>Overview of Family Business: Understanding the unique characteristics, strengths, and challenges of family-owned enterprises.</p> <p>Governance Structures: Examining various governance models for family businesses and their impact on decision-making and succession planning.</p> <p>Family Dynamics: Analyzing the intersection of family relationships and business operations, including communication, conflict resolution, and the role of emotions in decision-making.</p> |
| 2 | National Expansion Strategies for Family Businesses |
| | <p>Market Analysis: Conducting market research to identify opportunities and challenges for family businesses within the national context.</p> <p>Succession Planning: Developing effective strategies for leadership transition and talent development within the family, ensuring continuity and sustainability.</p> <p>Legal and Regulatory Considerations: Understanding the legal and regulatory landscape for family businesses, including tax implications, employment laws, and compliance requirements.</p> <p>Financial Management: Implementing financial strategies tailored to family businesses, including capital structure, risk management, and financial performance analysis.</p> |
| 3 | Internationalization of Family Businesses |

| | |
|--|---|
| | <p>Global Market Entry: Assessing the challenges and opportunities of expanding family businesses into international markets, considering cultural, economic, and political factors.</p> <p>Cross-Cultural Management: Developing cross-cultural competence to navigate diverse business environments and foster effective communication in an international setting.</p> <p>Risk Management in Global Operations: Identifying and managing risks associated with international business, including currency fluctuations, geopolitical issues, and cultural misunderstandings.</p> <p>Strategic Alliances and Partnerships: Exploring collaborative strategies such as joint ventures and partnerships to facilitate international growth and mitigate market entry risks.</p> |
|--|---|

Family Business Enterprise*Question Paper Pattern (Academic Year: 2024-25)***Internal Examination & Semester End Examination – 100 Marks****A] Internals-40 Marks**

| Method of evaluation | Total marks |
|---|-------------|
| Assignment/ Project/ Case study / PowerPoint presentation | 20 |
| Report on guest lecture/ activity | 20 |
| TOTAL | 40 |

B] Semester End Examination (SEE)- 60 Marks

Maximum Marks

60

Duration

: 2 Hours

| Question No. | Particulars (Nature of Questions) | Marks (Given) | Marks (To Be Attempted) |
|--------------|------------------------------------|---------------|-------------------------|
| Q-1 | Answer the following: Any 4 | | |
| | A. Theory/Concept-based question | 5 | 20 |
| | B. Theory/Concept-based question | 5 | |
| | C. Theory/Concept-based question | 5 | |
| | D. Theory/Concept-based question | 5 | |
| | E. Theory/Concept-based question | 5 | |
| Q-2 | Answer the following: Any 4 | | |
| | A. Theory/Concept-based question | 5 | 20 |
| | B. Theory/Concept-based question | 5 | |
| | C. Theory/Concept-based question | 5 | |
| | D. Theory/Concept-based question | 5 | |
| | E. Theory/Concept-based question | 5 | |
| Q-3 | Answer the following: Any 4 | | |
| | A. Theory/Concept-based question | 5 | 20 |
| | B. Theory/Concept-based question | 5 | |
| | C. Theory/Concept-based question | 5 | |
| | D. Theory/Concept-based question | 5 | |
| | E. Theory/Concept-based question | 5 | |
| | Total | | 60 |

Reference Books:

- "Family Business: Innovative On-Site Strategies for Sustaining Competitive Advantage" by Craig E. Aronoff, John L. Ward, and Stephen L. McClure
- "Family Business Succession: Your Roadmap to Continuity" by Daniela Montemerlo
- "Family Wars: Classic Conflicts in Family Business and How to Deal with Them" by Grant Gordon and Nigel Nicholson:

Syllabus of courses of SY B.F.M. Programme (With effect from the Academic Year 2024-2025)

3. General / Open Electives

3 A. General Electives (GE) / Open Electives (OE)

3.A.a. Robotic Process Automation (3 Credits)Semester IV

| 3. General /Open Electives | |
|--|--|
| 3.A.General Electives (GE)/ Open Elective (OE) | |
| 3.A.a. Robotic Process Automation | |
| Course Objectives and Course Outcomes | |
| Course Objectives | |
| CObj 1 | To understand foundations of Robotic Process Automation |
| CObj 2 | To introduce the platform interface of UiPath Studio and design workflow |
| CObj 3 | To explore different RPA strategies |
| CObj 4 | To evaluate and compare different RPA tools |
| Course Outcomes | |
| COut 1 | Learners will be able to clearly define RPA, explain its benefits and limitations compared to traditional automation. |
| COut 2 | Learners will be able to navigate the UiPath Studio interface, build workflows using control flow activities and various techniques. |
| COut 3 | Learners will understand RPA project management best practices. |
| COut 4 | Learners will be able to analyze features and functionalities of different RPA tools. |
| COut 5 | Learners will gain practical experience by developing and implementing RPA solutions for real-world scenarios. |

Modules at a Glance

| Robotic Process Automation | | |
|----------------------------|---------------------------------------|-----------------|
| Sr. No. | Modules | No. of Lectures |
| 1 | Introduction of RPA and UiPath Studio | 15 |
| 2 | Building Workflows | 15 |
| 3 | Strategies and Other RPA Tools | 15 |
| Total No. of Lectures: | | 45 |

| Sr. No. | Modules |
|---------|--|
| 1 | Introduction of RPA and UiPath Studio |
| | Basics of RPA, Benefits, Limitations, and comparison to traditional automation, Application of RPA, UiPath Studio Interface Overview, Basic Navigations and workspace components, Data types, Storing information and basic operations, Recording and Playback for User Actions, |
| 2 | Building Workflows |
| | Control Flow Activities, Screen Scraping and Data Extraction, Data Entry and Form Filing, Accessing Excel, Manipulating Data in Excel, Error handling and Debugging, Sharing and Exporting Workflows |
| 3 | Strategies and Other RPA Tools |
| | RPA Project Management, Security and Ethical Automation Practices in RPA, Orchestrating Robots, Other Tools for RPA Implementation, Choosing the right RPA Tool |

Robotic Process Automation*Question Paper Pattern (Academic Year: 2024-25)***Internal Examination & Semester End Examination – 40 Marks****A] Internals-40 Marks****A Certified copy journal is essential to appear for the practical examination.**

| Sr.No. | Particulars | Marks |
|--------|----------------|-----------|
| 1. | Practical Work | 20 |
| 2. | Journal | 10 |
| 3. | Viva Voce | 10 |
| | Total | 40 |

| Practical Work (20 Marks) | |
|----------------------------------|--|
| 1 | Install and Explore interface of UiPath Studio |
| 2 | Automate Data Entry in Web Form |
| 3 | Automate Sending Email Notifications |
| 4 | Extract data from Spreadsheets |
| 5 | Extract data from PDFs |
| 6 | Rename downloaded files |
| 7 | Data Cleaning and Validation |
| 8 | Download Files from a Website |
| 9 | Searching data over the internet and creating a Comparison Table |
| 10 | Connect with External APIs |

B] Semester End Examination (SEE)- 60 Marks

Maximum Marks

60

Duration

: 2 Hours

| Question No. | Particulars (Nature of Questions) | Marks (Given) | Marks (To Be Attempted) |
|--------------|------------------------------------|---------------|-------------------------|
| Q-1 | Answer the following: Any 4 | | |
| | F. Theory/Concept-based question | 5 | 20 |
| | G. Theory/Concept-based question | 5 | |
| | H. Theory/Concept-based question | 5 | |
| | I. Theory/Concept-based question | 5 | |
| | J. Theory/Concept-based question | 5 | |
| Q-2 | Answer the following: Any 4 | | |
| | F. Theory/Concept-based question | 5 | 20 |
| | G. Theory/Concept-based question | 5 | |
| | H. Theory/Concept-based question | 5 | |
| | I. Theory/Concept-based question | 5 | |
| | J. Theory/Concept-based question | 5 | |
| Q-3 | Answer the following: Any 4 | | |
| | F. Theory/Concept-based question | 5 | 20 |
| | G. Theory/Concept-based question | 5 | |
| | H. Theory/Concept-based question | 5 | |
| | I. Theory/Concept-based question | 5 | |
| | J. Theory/Concept-based question | 5 | |
| | Total | | 60 |

Books and References:

| Sr. No. | Title | Author/s | Publisher | Edition | Year |
|---------|---|--|------------|---------|------|
| 1 | The Robotic Process Automation Handbook A Guide to Implementing RPA Systems | Tom Taulli | Apress | First | 2020 |
| 2 | Robotic Process Automation Management, Technology, Applications | Christian Czarnecki, Peter Fettke | De Gruyter | First | 2021 |
| 3 | UiPath Associate Certification Guide | Niyaz Ahmed, Lahiru Fernando, Rajaneesh Balakrishnan | Packt | First | 2022 |

Syllabus of courses of SY B. F.M. Programme (With effect from the Academic Year 2024-2025)**4.B Vocational Skill Course (VSC)****4.B Vocational Skill Course (VSC)****4.B.a Financial Planning II – Mutual Funds (3 Credits)****Semester IV**

| | |
|---|---|
| 4.B Vocational Skill Course (VSC) | |
| 4.B Vocational Skill Course (VSC) | |
| 4.B.a Financial Planning – II Mutual Funds | |
| Course Objectives and Course Outcomes | |
| Course Objectives | |
| CObj 1 | Basic understanding of how mutual fund works, their role and structure. |
| CObj 2 | To understand the channels for mutual fund distribution |
| CObj 3 | To get acquainted with financial planning as an approach to investing in mutual funds |
| CObj 4 | To know more about the valuation aspects underlying mutual funds and their Distribution |
| Course Outcomes | |
| COut 1 | This subject gives an opportunity to students to develop their understanding towards different kinds of mutual fund schemes and their features. |
| COut 2 | It ensures focus on understanding the legalities of Mutual Fund management |
| COut 3 | It ensures awareness about various Investor Services and the related Accounting Practices |
| COut 4 | It ensures learning about creating model mutual fund portfolios |
| COut 5 | Learner develops skills in budgeting, tracking expenses, and managing personal cash flow effectively. |
| COut 6 | Learners develops skills to evaluate and manage financial risks through appropriate insurance coverage and risk management strategies. |
| COut 7 | Learner understands the importance of retirement planning and develop strategies to achieve retirement goals. |
| COut 8 | Learner understands tax planning strategies to minimize tax liabilities and optimize personal finances. |
| COut 9 | Learner understands the basic investor psychology towards personal financial goals. |
| COut 10 | Learner demonstrates knowledge of ethical considerations and professional standards in personal financial planning. |

Modules at a Glance

| Financial Planning – II Mutual Funds | | |
|---|--|------------------------|
| Sr. No. | Modules | No. of Lectures |
| 1 | Introduction- Distribution and Valuation of Mutual Funds | 15 |
| 2 | Performance evaluation and Scheme Selection | 15 |
| 3 | Financial Planning and Portfolio Management | 15 |
| Total No. of Lectures: | | 45 |

| Sr. No. | Modules |
|----------------|--|
| 1 | Introduction- Distribution and Valuation of Mutual Funds |
| | Concept and role of a mutual fund – Fund Structure and Constituents –Legal aspects and Regulatory Environment Understanding offer document – Fund Distribution – Channel Management Practices – Accounting Valuation – Accounting Practices |
| 2 | Performance evaluation and Scheme Selection |
| | Investor Services Returns types Calculating different types of returns Types of risks Risk Measurement Performance evaluation of mutual Funds (Sharpe, treynor and Jensens measures) Selecting the right mutual fund scheme |
| 3 | Financial Planning and Portfolio Management |
| | Selecting the right products for investors Financial Planning using Mutual Funds Recommending financial plans Creating model mutual fund portfolios |

References Books:

- The mutual Fund Industry by R. Glenn Hubbard
- Mutual Funds – Ladder to wealth creation by Vivek Negi
- Common sense on Mutual Funds : New Imperatives for the Intelligent Investor by John C Bogle
- Taxmann's Mutual Fund Distributors

Financial Planning - II
Mutual Funds

Question Paper Pattern (Academic Year: 2024-25)

Internal Examination & Semester End Examination – 100 Marks

A] Internals-40 Marks

| Method of evaluation | Total marks |
|------------------------------|-------------|
| Assignment | 20 |
| Case study analysis/ Project | 20 |
| TOTAL | 40 |

B] Semester End Examination (SEE)- 60 Marks

Maximum Marks

60

Duration

: 2 Hours

| Question No. | Particulars (Nature of Questions) | Marks (Given) | Marks (To Be Attempted) |
|--------------|------------------------------------|---------------|-------------------------|
| Q-1 | Answer the following: Any 4 | | |
| | A. Theory/Concept-based question | 5 | 20 |
| | B. Theory/Concept-based question | 5 | |
| | C. Theory/Concept-based question | 5 | |
| | D. Theory/Concept-based question | 5 | |
| | E. Theory/Concept-based question | 5 | |
| Q-2 | Answer the following: Any 4 | | |
| | A. Theory/Concept-based question | 5 | 20 |
| | B. Theory/Concept-based question | 5 | |
| | C. Theory/Concept-based question | 5 | |
| | D. Theory/Concept-based question | 5 | |
| | E. Theory/Concept-based question | 5 | |
| Q-3 | Answer the following: Any 4 | | |
| | A. Theory/Concept-based question | 5 | 20 |
| | B. Theory/Concept-based question | 5 | |
| | C. Theory/Concept-based question | 5 | |
| | D. Theory/Concept-based question | 5 | |
| | E. Theory/Concept-based question | 5 | |
| | Total | | 60 |

Syllabus of courses of SY B. F.M. Programme (With effect from the Academic Year 2024-2025)**5. Ability Enhancement Courses, Value Enhancement Course, Indian Knowledge System****5.A Ability Enhancement Course (AEC)****5.A.a Marathi/Hindi/Sanskrit (2 Credits)Semester IV**

| 5. Ability Enhancement Courses, Value Enhancement Course, Indian Knowledge System | |
|--|--|
| 5.A Ability Enhancement Course (AEC) | |
| 5.A.a Marathi/Hindi/Sanskrit (2 Credits) | |
| Course Objectives and Course Outcomes | |
| Course Objectives | |
| CObj 1 | To create curiosity in the minds of learners about the chosen language |
| CObj 2 | To help the learners understand the need to learn the chosen language |
| CObj 3 | To introduce learners to the structure of the chosen language |
| CObj 4 | To understand the richness of Indian selected languages with reference to consonants and vowels |
| CObj 5 | To understand unique characteristics of the chosen language |
| CObj 6 | To understand the use of Gender and Tenses |
| CObj 7 | To understand the use of Idioms and Phrases |
| CObj 8 | To know the various Dialects of the chosen language |
| CObj 9 | To understand the application of technology for communication by alternatively abled |
| CObj 10 | To understand the need of learning Functional Language |
| CObj 11 | To get familiarised with the Literature of the chosen language |
| CObj 12 | To get familiarised with the Literature translated to the chosen language from other languages |
| CObj 13 | To learn to appreciate the other literary forms of the chosen language |
| Course Outcomes | |
| COut 1 | The learner will be curious to learn the chosen language |
| COut 2 | The learner will be able to understand the need to learn the chosen language |
| COut 3 | The learner will get familiar with the structure of the chosen language |
| COut 4 | The learner will understand the richness of Indian selected languages with reference to constants and vowels |
| COut 5 | The learner will understand unique characteristics of the chosen language |

| | |
|---------|--|
| COut 6 | The learner will understand how to apply knowledge of Gender and Tenses |
| COut 7 | The learner will understand the use of Idioms and Phrases |
| COut 8 | The learner will know the various dialects of the chosen language |
| COut 9 | The learner will understand the application of technology for communication by alternatively abled |
| COut 10 | The learner will understand the need of learning functional language |
| COut 11 | The learner will get familiarised with the Literature of the chosen language |
| COut 12 | The learner will get familiarised with the Literature translated to the chosen language from other languages |
| COut 13 | The learner will learn to appreciate the other literary forms of the chosen language |

Modules at a Glance

| Marathi/Hindi/Sanskrit (2 Credits) | | |
|---|---|------------------------|
| Sr. No. | Modules | No. of Lectures |
| 1 | Select Studies in Translated Literature | 10 |
| 2 | Functional and Commercial Language | 10 |
| 3 | Forms of Literary Expressions | 10 |
| Total No. of Lectures: | | 30 |

| Sr. No. | Modules |
|----------------|--|
| 1 | Select Studies in Translated Literature |
| | Translated Literature and Cultural Exchange Review of Translated Literature using Translated Literary work from another language to chosen language. (The choice of the texts should be made by the learner with due discussion with the faculty). Based on this module, internal evaluation shall be done. |
| 2 | Functional and Commercial Language |
| | Newspaper reading of the chosen language in the class along with faculty Watching and understanding News channel of the chosen language Translation of often used words in office circulars and government communications Simple conversations in the chosen language Banking and financial terms in the chosen language |
| 3 | Forms of Literary Expressions |
| | Appreciation of select forms of literature o Films o Theatre o Performing Arts o Fine Arts The faculty member shall discuss with the learners about the richness of other forms of Literary expressions in chosen language and learn to appreciate the creativity and presenting the creativity in a lighter form. Also, they are expected to appreciate the cultural dimensions behind it. |

Marathi/Hindi/Sanskrit (2 Credits)**Question Paper Pattern (Academic Year: 2024-25)****Internal Examination & Semester End Examination –20 Marks****A] Internals-40 Marks**

| Method of evaluation | Total marks |
|---|-------------|
| The faculty will decide the means of taking internal evaluation. It can be oral quiz, dialogue exchange, role play, reading comprehension, listening comprehension etc. | 20 |
| TOTAL | 20 |

B] Semester End Examination (SEE)- 30 Marks**External evaluation:****Marks: 30****Duration: 1 hours****Note: (1) All questions are compulsory****(2) The learners can write answers in the chosen language or in English/Marathi/Hindi**

| Question No. | Particulars (Nature of question) | Marks |
|------------------------------|---|-----------|
| Questions with sub questions | Flexibility is given to the faculty to decide the paper pattern and depending on learner's ability will design the question paper. It can contain questions like identifying or changing gender, identifying or changing tenses, making rhythmic words, answer in one sentence etc. | 30 |
| | Total | 30 |

List of Reference Books:**Marathi*****स्थूलवाचनाकरिता काही पुस्तके***

०१. ओरिगामीची गंमत - अनिल अवचट
०२. गोड गोष्टी भाग १ ते १० - साने गुरुजी
०३. फास्टर फेणे - भा.रा.भागवत
०४. वाचू आनंदे - माधुरी पुरंदरे
०५. आपला भारत - राजा मंगळवेढेकर
(या व्यतिरिक्त इतर पुस्तकेही आपण द्यावीत.)

संदर्भ ग्रंथ

०१. व्यावहारिक मराठी - ल.रा.नसिराबादकर
०२. व्यावहारिक मराठी - स्नेहल तावरे
०३. व्यावहारिक मराठी - डॉ. प्रकाश परब
०४. भाषांतर चिकित्सा - मधुकर मोकशी
०५. भाषासंवाद - डॉ. अनिल गवळी, डॉ. नंदकुमार मोरे
०६. उपयोजित मराठी - प्रभाकर जोशी, किशोर पाटील
०७. उपयोजित मराठी (गं.ना.जोगळेकर कृतज्ञता ग्रंथ - संपा.केतकी मोडक व इतर
०८. उपयोजित मराठी व प्रसारमाध्यमांची कार्यशैली - डॉ. संदीप सांगळे
०९. उपयोजित मराठी - लेखन व संवाद कौशल्यांचा परिचय - प्रा.सत्यजित साळवे, प्रा. दीपक पवार
१०. उपयोजित मराठी आणि प्रसारमाध्यमे - संदीप सांगळे

31/01/2024

11. Chitre Dilip, Anathology of Marathi Poetry, Nirmala Sadanand Pub., Bombay 1967
The faculty can select/recommend few more reference books.

Sanskrit

7. Arthashastra of Kautiliya
8. *Bhagavad-Geeta*
9. Ramayana/ Ayurved subhashitas
10. Mahabharata – Vidurniti
11. Subhashita
12. Stotra / General Information of Sanskrit Literature

The faculty can select/recommend few more reference books.

Hindi

6. Sharma, S.N., *Hindi Grammer and Translation*
7. Government of India (Ministry of Education), Technical Terms in Hindi For Secondary Schools Mathematics, Albion Press, India 1955
8. Narayangaonkar, Deepak. Sabse Nyara Desh Hamara: Patriotic Hindi Songs.
9. Reserve Bank of India. Reserve Bank of India Annual Report 2007-08 with Hindi Sanskaran
10. Maharashtra Rashtrbhasha Sabha. Kahaniyaa:3

The faculty can select/recommend a few more reference books.

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Syllabus of courses of SY B. F.M. Programme (With effect from the Academic Year 2024-2025)**5. Field Project/Apprenticeship/Community Engagement & Services)****5.C.a Project Work****Based on Risk Management and Financial Services (2 Credits) Semester IV**

| 6. Field Project/Apprenticeship/Community Engagement & Services) | |
|---|---|
| 6.a Project Work Based on Risk Management and Financial Services (2 Credits) | |
| Course Objectives and Course Outcomes | |
| Course Objectives | |
| CObj 1 | To provide students with the essential knowledge and skills required to conduct effective research. |
| CObj 2 | To cover the aspects of research methodologies, data analysis techniques, and practical applications. |
| CObj 3 | To enable the learners to critically evaluate financial information |
| Course Outcomes | |
| COut 1 | The learners are able to make informed decisions |
| COut 2 | The learner is able to understand the various aspects of Financial Research |
| COut 3 | The learner understands the difference between Financial Market Efficiency and Anomalies |
| COut 4 | The learner understands the role of behavioral finance in Research analysis |
| COut 5 | The learners learn to use statistical tools in PowerPoint presentations, |
| COut 6 | The learner is able to understand the practical applications. |
| COut 7 | Learners are able to demonstrate Practical application of preparing flyers and leaflets help the learners demonstrate their creativity. |
| COut 8 | Learners demonstrate Listening, Comprehension, Speaking Skills. Nonverbal communication skills of learners are enhanced. |
| COut 9 | The learner is able to understand data analysis techniques |
| COut 10 | Learners are able to analyse texts from the fields of Finance and Management |

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Project work (2 credits)

The learner would need to submit a project based on Internship and a project based on a Research topic for semester III and IV. The learner submitting the project work for internship could do the same in semester III and the project work based on a topic could be submitted in semester IV or vice versa.

The learner could select the order of submission for semester III and IV.

The submissions would be subjected to plagiarism and the report of the same to be attached at the end of the project

The learner will be required to fulfil the following requirements to be able to submit the project work based on Internship:

▪ **Minimum 30 working days/150 hours of internship with an Organisation/ NGO**

▪ **Details of the Organisation/ NGO:**

- i) Why it was selected- objective/s
- ii) Work Culture
- iii) Type of the Organisation
- iv) Organisation Structure
- v) Types of product & Service offered by the Organisation

▪ **Learning Objectives**

▪ **Work done by the student**

Department, product/s handled, Department visited & his/her observation about those department.

▪ **Learner's experience and whether he/she feels that the objective/s have been achieved.**

Note: for internship

▪ *Experience certificate/ Internship completion certificate to be attached*

Evaluation:

| Viva Voce | Marks |
|----------------|-----------|
| External guide | 30 |
| Internal guide | 20 |
| Total | 50 |

A Power Point presentation should be prepared showcasing the highlights of the project.

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· **The learner will be required to submit a Research topic-based Project following the below mentioned guidelines:**

· **Introduction:**

· **Why the Organisation was selected, objective of study, scope and limitations**

· **Literature Overview**

· **Research Methodology:**

i) Primary- Sample 40-50 respondents

ii) Secondary

iii) Hypothesis

iv) Questionnaire

v) Statistical tools & Techniques

· **Classification & Tabulation of Data**

· **Analysis & Interpretation of Data**

· **Conclusions & Recommendations Evaluation:**

| Viva Voce | Marks |
|-----------------------|--------------|
| External guide | 30 |
| Internal guide | 20 |
| Total | 50 |

A Power Point presentation should be prepared showcasing the highlights of the project.