

S P Mandali's
R. A. PODAR COLLEGE OF COMMERCE AND
ECONOMICS (EMPOWERED 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 (EMPOWERED 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 2025-2026

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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- 2025-26)

No. of Courses	Course Codes	Semester III	Credits	No. Of Courses	Course Codes	Semester IV	Credits
1		Major (09 credits)		1		Major (09 credits)	
1.A		Mandatory (Financial Markets)		1.A		Mandatory (Financial Markets)	
1.A.a		Equity Markets -I	03	1.A.a		Equity Markets -II	03
1.A.b		Debt Markets -I	03	1.A.b		Debt Markets -II	03
1.A.c		Commodity Markets- I	03	1.A.c		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		HR Analytics	03	3.A.a		Digitalization of Financial Markets	03
		Blockchain Technology				Family Business Enterprise	
		Data Visualization using Power BI				Robotic Process Automation	
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 Technical Analysis	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	02	5.A.a		Marathi	02
		Hindi				Hindi	
		Sanskrit				Sanskrit	
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	02
TOTAL		CUMULATIVE CREDITS	22	TOTAL		CUMULATIVE CREDITS	22

Exit option at the end of the Second year (on completion of semester III and semester IV):
Under Graduate Diploma in Management Studies will be awarded to a learner on fulfilment of the Following conditions:

1. The learner should have acquired 44 credits in Semester III and IV considered together.
2. The learner should acquire an additional 4 credits as per norms by completing recognized courses under the National Skill Qualification Framework (NSQF) such as a course on computer concepts, an Entrepreneurial Development Course, and Internship

Semester III

**Syllabus of courses of SYBFM Programme
(With effect from the Academic Year 2025-2026)**

1. Major (1.A Financial Markets)

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

Semester III

1.Major	
1.A Financial Markets	
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	
COout 1	The learner is able to decide prudently on the type of investment depending on the risk-taking appetite.
COout 2	The learner understands the difference between ESOP, equity shares and rights
COout 3	The learner understands the functioning of the stock market and the recent trends
COout 4	There is awareness about the role of SEBI as a governing body
COout 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).
COout 6	Learner understands the Role and Functions of the financial regulators.
COout 7	Learner understands the meaning and classification of various financial instruments.
COout 8	Learner understands evaluation and characteristics of financial instruments and new financial instruments.
COout 9	Evaluate and compare different financial products available in India including their features, risks, and benefits.
COout 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
	<ul style="list-style-type: none"> • 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
	<ul style="list-style-type: none"> • 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
	<ul style="list-style-type: none"> • 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 Stock Market Indices • Need for attracting more investors towards equity • Need for strengthening secondary markets • Role of SEBI in market regulations

Financial Markets**Equity Markets -I*****Question Paper Pattern (Academic Year: 2025-26)*****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 B. Theory/Concept-based question C. Theory/Concept-based question D. Theory/Concept-based question E. Theory/Concept-based question	5 5 5 5 5	20
Q-2	Answer the following: Any 4		
	A. Theory/Concept-based question B. Theory/Concept-based question C. Theory/Concept-based question D. Theory/Concept-based question E. Theory/Concept-based question	5 5 5 5 5	20
Q-3	Answer the following: Any 4		
	A. Theory/Concept-based question B. Theory/Concept-based question C. Theory/Concept-based question D. Theory/Concept-based question E. Theory/Concept-based question	5 5 5 5 5	20
	Total		60

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 2025-2026)**

1. Major (1.A Financial Markets)

1.A.b. Debt Markets -I (3 Credits)

Semester III

1.Major	
1.A Financial Markets	
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 offixed income securities
COut 2	The learner has understanding of the regulatory framework prevailing in the Indian debtmarket
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
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 –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
	<ul style="list-style-type: none"> • 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
	<ul style="list-style-type: none"> • Participants in Debt Markets • 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
	<ul style="list-style-type: none"> • 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

Debt Markets -I

Question Paper Pattern (Academic Year: 2025-26)

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 B. Theory/Concept-based question C. Theory/Concept-based question D. Theory/Concept-based question E. Theory/Concept-based question	5 5 5 5 5	20
Q-2	Answer the following: Any 4		
	A. Theory/Concept-based question B. Theory/Concept-based question C. Theory/Concept-based question D. Theory/Concept-based question E. Theory/Concept-based question	5 5 5 5 5	20
Q-3	Answer the following: Any 4		
	A. Theory/Concept-based question B. Theory/Concept-based question C. Theory/Concept-based question D. Theory/Concept-based question E. Theory/Concept-based question	5 5 5 5 5	20
	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 2025-2026

1. Major (1.A Financial Markets)

1.A.c. Commodity Markets -I (3 Credits)

Semester III

1.Major	
1.A Financial Markets	
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	To evaluate and understand the different categories of products in the Indian commodity market
Course Outcomes	
COout 1	The learner demonstrates a working knowledge of financial terms and concepts
COout 2	The learner is able to analyse the financial market and instruments
COout 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
COout 4	The learner is able to Identify Risk Management issues related to market positions
COout 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).
COout 6	Learner understands the Role and Functions of the financial regulators.
COout 7	Learner understands the meaning and classification of various financial instruments.
COout 8	Learner understands evaluation and characteristics of financial instruments and new financial instruments.
COout 9	Evaluate and compare different financial products available in India including their features, risks, and benefits.
COout 10	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
	<ul style="list-style-type: none"> • 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
	<ul style="list-style-type: none"> • 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
	<ul style="list-style-type: none"> • 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

Financial Markets
Commodity Markets -I
Question Paper Pattern (Academic Year: 2025-26)

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 B. Theory/Concept-based question C. Theory/Concept-based question D. Theory/Concept-based question E. Theory/Concept-based question	5 5 5 5 5	20
Q-2	Answer the following: Any 4		
	A. Theory/Concept-based question B. Theory/Concept-based question C. Theory/Concept-based question D. Theory/Concept-based question E. Theory/Concept-based question	5 5 5 5 5	20
Q-3	Answer the following: Any 4		
	A. Theory/Concept-based question B. Theory/Concept-based question C. Theory/Concept-based question D. Theory/Concept-based question E. Theory/Concept-based question	5 5 5 5 5	20
	Total		60

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 2025-2026)
2. Minor (Allied Course)

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
	<ul style="list-style-type: none"> • 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
	<ul style="list-style-type: none"> • 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
	<ul style="list-style-type: none"> • 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

General Commercial Law
Question Paper Pattern (Academic Year: 2025-26)

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 B. Theory/Concept-based question C. Theory/Concept-based question D. Theory/Concept-based question E. Theory/Concept-based question	5 5 5 5 5	20
Q-2	Answer the following: Any 4		
	A. Theory/Concept-based question B. Theory/Concept-based question C. Theory/Concept-based question D. Theory/Concept-based question E. Theory/Concept-based question	5 5 5 5 5	20
Q-3	Answer the following: Any 4		
	A. Theory/Concept-based question B. Theory/Concept-based question C. Theory/Concept-based question D. Theory/Concept-based question E. Theory/Concept-based question	5 5 5 5 5	20
	Total		60

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 2025-2026)**

3. General /Open Electives

General Electives (GE)/ Open Elective (OE)

3.A.a HR Analytics(3 Credits)

Semester III

3. General /Open Electives	
General Electives (GE)/ Open Elective (OE)	
3.A.a HR Analytics	
Course Objectives and Course Outcomes	
Course Objectives	
CObj 1	To understand the role of HR analytics in workforce planning and decision-making.
CObj 2	To learn the tools and techniques for collecting and analyzing HR data
CObj 3	To develop skills in data visualization and storytelling for effective communication.
CObj 4	To Apply analytics to core HR areas like recruitment, performance management, engagement, and retention.
Course Outcomes	
COut 1	The learner understands the basics of HR Analytics .
COut 2	The learner understands the relationship between Fintech and its Impact.
COut 3	The learner is able to get mastery of key HR analytics tools and techniques.
COut 4	There is increased ability to perform data-driven analysis to solve HR challenges.
COut 5	The learner becomes proficient in visualizing and communicating insights effectively
COut 6	Preparedness to contribute to strategic HR decision-making.
COut 7	There is better understanding of the regulatory framework.
COut 8	The learner is aware of the tools and methodology involved in digitalization concepts.

Modules at a Glance

HR Analytics		
Sr. No.	Modules	No. of Lectures
1	Introduction to HR Analytics	15
2	Tools and Techniques for HR Analytics	15
3	Performance and Productivity Analytics	15
Total No. of Lectures:		45

Sr. No.	Modules
1	Introduction to HR Analytics
	<ul style="list-style-type: none"> • Definition of HR Analytics, Importance and Scope, HR Metrics vs. HR Analytics, Overview of HR Analytics Frameworks, Role of HR Analytics in Business Strategy, Ethical Considerations in HR Data Usage • Data Management and HR Systems : Basics of Data Collection and Storage, HR Information Systems (HRIS), Data Sources in HR: Internal vs. External, Data Quality and Cleaning Techniques, Ensuring Data Privacy and Compliance.
2	Tools and Techniques for HR Analytics
	<ul style="list-style-type: none"> • Application Tools: Excel, Power BI, Tableau, R, Python, Data Analysis Techniques: Descriptive, Diagnostic, Predictive, and Prescriptive Analytics, Statistical Foundations for HR Analytics, Applications of Machine Learning in HR • Advanced HR Analytics Applications: Organizational Network An (ONA), Workforce Forecasting and Scenario Planning, Leadership Succession Planning, ROI of HR Initiatives and Programs • Workforce Planning and Talent Acquisition Analytics: Analyze Workforce Supply and Demand, Recruitment Metrics-Time-to-Fill, Cost-p Hire, Quality-of-Hire, Predictive Modeling for Talent Acquisition, Employ Branding and Candidate Experience Analytics • Diversity, Equity, and Inclusion (DEI) Analytics- Measuring DEI Metrix Identifying and Mitigating Bias in HR Processes, Building an inclusive Workforce through Analytics
3.	Performance and Productivity Analytics
	<ul style="list-style-type: none"> • Key Performance Metrics, Linking Performance Data to Business Outcomes, Measuring Employee Productivity, Advanced Techniques: Sentiment Analysis for Performance Reviews • Employee Engagement and Retention Analytics: Understanding Engagement Surveys and Metrics, Analyzing Turnover and Retention, Building Predictive Models for Attrition Designing Interventions Using Data Insights • Data Visualization and Storytelling- Designing Effective Dashboards, Storytelling Techniques for Impactful Presentations, Case Studies on Successful HR Analytics Projects

HR Analytics

Question Paper Pattern (Academic Year: 2025-26)

Internal Examination & Semester End Examination – 100 Marks

A] Internals-40 Marks

Method of evaluation	Total marks
Power point presentations/ Quiz/Viva	20
Assignment/ Case Study/ Projects	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 2025-2026)

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
	<ul style="list-style-type: none"> • Distributed Ledger Technology (DLT): Concept of DLT, its advantages over centralized databases, use of DLT in blockchain • Demystifying Blockchain: Define Blockchain, its core components (blocks, hash functions, consensus mechanisms), and the chain structure. • Security and Transparency: Encryption and immutability inherent in blockchain, Data security and transparent record-keeping. • Consensus Mechanisms: Compare popular consensus mechanisms like PoW, PoS, and their impact on performance and energy consumption. • DApps: Decentralized Applications, Ethereum dApps, Advantages and Disadvantages.
2	Cryptocurrency
	<ul style="list-style-type: none"> • Introduction: History of Cryptocurrency, Types of Cryptocurrencies based on their purpose, consensus mechanisms, and unique features • Understanding Cryptography and Mining: Cryptographic basis, Public Key, Private Key, Digital signatures, Mining process for securing transactions • 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 • Smart Contracts and DeFi Applications: Smart contracts for decentralized finance (DeFi), Applications like lending, borrowing, and trading on blockchain platforms.
3.	Blockchain Applications
	<ul style="list-style-type: none"> • Financial Applications: Role of blockchain in revolutionizing areas like cryptocurrencies, digital payments, and secure financial transactions. • Supply Chain Management: Blockchain to track and verify the provenance of goods, enhance transparency, and combat counterfeiting in supply chains. • Healthcare and Identity Management: Blockchain to secure patient data, facilitate medical record sharing, and enable secure digital identities.

Blockchain Technology – Teaching Pedagogy

Question Paper Pattern (Academic Year: 2025-26)

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 B. Theory/Concept-based question C. Theory/Concept-based question D. Theory/Concept-based question E. Theory/Concept-based question	5 5 5 5 5	20
Q-2	Answer the following: Any 4		
	A. Theory/Concept-based question B. Theory/Concept-based question C. Theory/Concept-based question D. Theory/Concept-based question E. Theory/Concept-based question	5 5 5 5 5	20
Q-3	Answer the following: Any 4		
	A. Theory/Concept-based question B. Theory/Concept-based question C. Theory/Concept-based question D. Theory/Concept-based question E. Theory/Concept-based question	5 5 5 5 5	20
	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 2025-2026)

3. General /Open Electives

General Electives (GE)/ Open Elective (OE)

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: 2025-26)

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
	a. Excel PivotTables & Power Query b. Data Cleansing in Power Query c. Merge & Filter in Power Query
2.	Data Modelling
	a. Relationship Diagram tool b. Calculated Columns & Measures c. Dates in Power BI
3.	Visual Storytelling with Power BI
	a. Dashboard Design b. Slicers and report filters in Power BI c. Choosing Maps and Chart acc to data
4.	Navigation and Collaboration:
	a. Bookmarks & Drill Down b. Excel Linkages c. Power BI Service Sharing
5.	KPI Dashboard
	a. Identify and Define KPIs b. Create a Dashboard using appropriate Visualizations c. 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 B. Theory/Concept-based question C. Theory/Concept-based question D. Theory/Concept-based question E. Theory/Concept-based question	5 5 5 5 5	20
Q-2	Answer the following: Any 4		
	A. Theory/Concept-based question B. Theory/Concept-based question C. Theory/Concept-based question D. Theory/Concept-based question E. Theory/Concept-based question	5 5 5 5 5	20
Q-3	Answer the following: Any 4		
	A. Theory/Concept-based question B. Theory/Concept-based question C. Theory/Concept-based question D. Theory/Concept-based question E. Theory/Concept-based question	5 5 5 5 5	20
	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 2025-2026)

4. Vocational & Skill Enhancement Courses (VSEC)

4 B. Vocational Skill Course (VSC)

4.B.a Technical Analysis (3 Credits)

Semester III

4. Vocational & Skill Enhancement Courses (VSEC)	
4.B Vocational Skill Courses (VSC)	
4.B. Technical Analysis	
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	
COout 1	The learner understands basic & applied concepts of equity market functioning.
COout 2	The learner understands the practical aspects of equity trading & investing
COout 3	The learner will be able to trade in the cash & derivatives segment of equity market.
COout 4	The learner will be able to trade in the cash & derivatives segment of equity market.
COout 5	The learner will be able to trade & invest in equity, personally & professionally
COout 6	Learners develops skills to evaluate and manage financial risks through appropriate insurance coverage and risk management strategies.
COout 7	Learner understands the importance of retirement planning and develop strategies to achieve retirement goals.
COout 8	Learner understands tax planning strategies to minimize tax liabilities and optimize personal finances.
COout 9	Learner understands the basic investor psychology towards personal financial goals.
COout10	Learner demonstrates knowledge of ethical considerations and professional standards in personal financial planning.

Modules at a Glance

Technical Analysis		
Sr. No.	Modules	No. of Lectures
1	Introduction to Technical Analysis, Chart Patterns and Trend Analysis	15
2	Technical Indicators and Oscillators	15
3	Application and Strategy Development and Risk Management	15
Total No. of Lectures:		45

Sr. No.	Modules
1	Introduction to Technical Analysis, Chart Patterns and Trend Analysis
	<ul style="list-style-type: none"> • Overview of Technical Analysis • Principles of Dow Theory • Assumptions and Criticisms of Technical Analysis <p><i>Basic Chart Patterns</i></p> <ul style="list-style-type: none"> • Head and Shoulders • Double Tops and Bottoms • Triangles (Ascending, Descending, Symmetrical) • Rectangles and Flags <p><i>Submodule 2.2: Trendlines and Channels</i></p> <ul style="list-style-type: none"> • Drawing Trendlines • Channels and their Interpretation • Support and Resistance Levels • Moving Averages and Trend Identification
2	Technical Indicators and Oscillators
	<p><i>Submodule 3.1: Momentum Indicators</i></p> <ul style="list-style-type: none"> • Relative Strength Index (RSI) • Stochastic Oscillator • Moving Average Convergence Divergence (MACD) • Rate of Change (ROC) <p><i>Submodule 3.2: Volume Analysis</i></p> <ul style="list-style-type: none"> • On-Balance Volume (OBV) • Accumulation/Distribution • Money Flow Index (MFI) <p><i>Submodule 3.3: Sentiment Indicators</i></p> <ul style="list-style-type: none"> • Put/Call Ratio • VIX (Volatility Index) • Commitment of Traders (COT) Report <p>Candlestick Charts Analysis With One Two And Three Candles Like Hammer</p>

	Hangingman Shooting Star Bearish And Bullish Harami
3	Application and Strategy Development and Risk Management
	<ul style="list-style-type: none"> • Need fr Integrating Multiple Indicators • Pattern Recognition Software and Tools • Back testing and Strategy Evaluation • Techniques • Uses of stop loss • Risks associated with trading- • Strategies for Day Trading-Momentum Trading Strategies

Technical Analysis

Question Paper Pattern (Academic Year: 2025-26)

Internal Examination & Semester End Examination – 100 Marks

A] Internals-40 Marks

Method of evaluation	Total marks
Assignment/Practical Work/PPT	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 B. Theory/Concept-based question C. Theory/Concept-based question D. Theory/Concept-based question E. Theory/Concept-based question	5 5 5 5 5	20
Q-2	Answer the following: Any 4		
	A. Theory/Concept-based question B. Theory/Concept-based question C. Theory/Concept-based question D. Theory/Concept-based question E. Theory/Concept-based question	5 5 5 5 5	20
Q-3	Answer the following: Any 4		
	A. Theory/Concept-based question B. Theory/Concept-based question C. Theory/Concept-based question D. Theory/Concept-based question E. Theory/Concept-based question	5 5 5 5 5	20
	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 SY B. F.M. Programme (With effect from the Academic Year 2025-2026)

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

5.A Ability Enhancement Course (AEC)

5.A.a Linguistic Studies -I (2 Credits)

Semester III

5. Ability Enhancement Courses (AEC)	
5.A Skill Enhancement Course (SEC)	
5.A.a Linguistic Studies-I (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 familiarized with the literature of the chosen language
CObj 12	To get familiarized 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	To understand the richness of Indian selected languages with reference to constants and vowels

COut 5	To understand unique characteristics of the chosen language
COut 6	To understand the use of gender and tenses
COut 7	To understand the use of idioms and phrases
COut 8	To know the various dialects of the chosen language
COut 9	To understand the application of technology for communication by alternatively abled
COut 10	To understand the need of learning functional language
COut 11	To get familiarized with the literature of the chosen language
COut 12	To get familiarized with the literature translated to the chosen language from other languages
COut 13	To learn to appreciate the other literary forms of the chosen language

Modules at a Glance

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

Sr. No.	Modules
1	Introduction to Linguistic Studies
	<ul style="list-style-type: none"> • Structure of languages • English language compared with the select Indian languages – viz, Marathi, Hindi and Sanskrit • Richness of Indian languages with referenceto Vowels, consonants (maatras) • Rhythmic characteristic of Indian languages. • Unique characteristics of language (such asRepeat words like Sarsarahat) • Logic behind numbers in regional languages • Use of Tenses and Gender
2	Languages in Communication
	<ul style="list-style-type: none"> • 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	Select Studies in the chosen Language (Sanskrit/Marathi/Hindi)
	<ul style="list-style-type: none"> • The faculty member shall discuss with the learners about the richness of literature of 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

Linguistic Studies (2 Credits)

Question Paper Pattern (Academic Year: 2025-26)

Internal Examination & Semester End Examination – 50 Marks

A] Internals-20 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

B] Semester End Examination (SEE)- 30 Marks

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

**Syllabus of courses of SY B. F.M. Programme
(With effect from the Academic Year 2025-2026)
5.C Field Project/Apprenticeship/Community Engagement & Services)
5.C.a Project Work (2 Credits)
Semester III**

Internship/Field Project / Research Project / Community Engagement	
Foundation of Research Skills - I	
Course Objectives and Course Outcomes	
Course Objectives	
CObj 1	Identify ways and means of learning by doing
CObj 2	Understand the importance of research orientation
CObj 3	Engage with the outside world and understand the power of observation
CObj 4	Develop skills of questioning
CObj 5	Analyzes data into information
CObj 6	Create documents that are simple and easily comprehensible
CObj 7	Acquire oral and written presentation skills
Course Outcomes	
COut 1	Learners Recognize the difference between research projects, field projects and internships and define the benefits and limitations of them
COut 2	Learners identify various forms of observation and analysis
COut 3	Learners identify the necessary skills required for conducting studies in the field
COut 4	Learners list the qualities required of a researcher
COut 5	Learners match skill sets possessed by them and the skill sets required
COut 6	Learners appreciate the ethical aspects of research analysis
COut 7	Learners become ready to define and design research projects/field projects
COut 8	Learners become acquainted with office etiquette
COut 9	The learner will be able to apply statistical tools for quantifying data

Project work (2 credits)

Modules at a Glance

Foundation of Research Skills - I		
Sr. No.	Modules	No. of Lectures
1	Learning out of campus	05
2	Field Projects and Internships	10
3	Managing Data- Sources, Collection and Analysis	10
4	Report Writing and Presentation	05
Total		30

Sr. No.	Modules
1	Learning out of campus
	<p>What constitutes learning out of campus, Difference between campus learning and out of campus learning-Benefits and prospects of learning out of campus-Few recommended methods of learning beyond campus</p> <p>Introduction to Research Projects: The research process, Basic approaches and terminologies used in research.-Defining research questions and framing of hypotheses- preparing a research plan-Defining the road map for action</p>
2	Field Projects and Internships
	<p>Introduction to Field Projects: Defining the purpose and objectives for conducting field project, Narrating the expected outcome and usefulness of the study, Defining the field and designing the project plan, Identifying the limitation, Tools required and the methods to be adopted, Defining the road map for action</p> <p>Introduction to Internships: Defining the scope and learning outcome, Identifying options, inquiring and understanding and analyzing the bottlenecks/hurdles, Methods of solving, Procedure to be followed for becoming an intern-Compliances and formalities, Self appraisal and internship etiquettes. Defining the road map for action</p>
3	Managing Data- Sources, Collection and Analysis
	<p>Primary Data, Secondary Data, Cleaning and Editing, Coding of data, Statistical tools normally used for data analysis- Mean, Median, Mode, correlation, Skewness etc., (revision of FY Maths and Stats syllabus)</p> <p>Tabulation: Graphic presentation of data using Excel or data analysis.</p>
4	Report Writing and Presentation
	<p>Need for Effective Documentation, Importance of Report Writing, Types of research reports Report Structure, Acknowledgements, Bibliography, Ethical aspects of research findings right, Report preparation including PowerPoint Presentation. (revision of FY)</p>

Question Paper Pattern (Academic Year: 2025-2026)

**Foundation of Research Skills - I
Semester End Examination – 50 Marks
Semester III**

A] Semester End Examination (SEE)- 50 Marks

Project Report (50 Marks)

The students are expected to submit a project report on the given topics for each module which will be evaluated by the faculty.

Books and References:

- Saunders- Research Methods for Business Students - Pearson Education
- Research Methodology by D. K. Bhattacharyya – Excel
- Kothari C. R Research Methodology.
- Donald Cooper and PS Schindler (2009) Business Research Methods, 9th edition, Tata McGraw Hill.
- Uma Sekaran (2010) Research Methods for Business, 4th edition, Wiley.
- Naresh Malhotra and S Dash (2009) Marketing Research, 5th edition, Pearson Prentice Hall.
- Ranjit Kumar (2009) Research Methodology, 2nd edition, Pearson Education
- Michael V. P Research Methodology. 7 Fred N. Kerlinger : Foundations of Behavioral Research.

Teaching Pedagogy:

Lectures/ tutorials/ field work/ outreach activities/ project work/ vocational training/ viva/ seminars / term papers/ assignments / presentations / self-study/case studies etc. or a combination of some of these. Sessions shall be interactive in nature to enable peer group learning

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- 2025-26)

No. of Courses	Course Codes	Semester III	Credits	No. Of Courses	Course Codes	Semester IV	Credits
1		Major (09 credits)		1		Major (09 credits)	
1.A		Mandatory (Financial Markets)		1.A		Mandatory (Financial Markets)	
1.A.a		Equity Markets -I	03	1.A.a		Equity Markets -II	03
1.A.b		Debt Markets -I	03	1.A.b		Debt Markets -II	03
1.A.c		Commodity Markets- I	03	1.A.c		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		HR Analytics	03	3.A.a		Digitalization of Financial Markets	03
		Blockchain Technology		3.A.a		Family Business Enterprise	
		Data Visualization using Power BI		3.A.a		Robotic Process Automation	
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 Technical Analysis	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	02	5.A.a		Marathi	02
		Hindi		5.A.a		Hindi	
		Sanskrit		5.A.a		Sanskrit	
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	02
TOTAL		CUMULATIVE CREDITS		TOTAL		CUMULATIVE CREDITS	
		22		22			

Exit option at the end of the Second year (on completion of semester III and semester IV):
Under Graduate Diploma in Management Studies will be awarded to a learner on fulfilment of the Following conditions:

1. The learner should have acquired 44 credits in Semester III and IV considered together.
2. The learner should acquire an additional 4 credits as per norms by completing recognized courses under the National Skill Qualification Framework (NSQF) such as a course on computer concepts, an Entrepreneurial Development Course, and Internship

Semester IV

**Syllabus of courses of SYBFM Programme
(With effect from the Academic Year 2025-2026)**

1. Major (1.A Financial Markets)

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

Semester IV

1.Major	
1.A Financial Markets	
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
	<ul style="list-style-type: none"> • 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
	<ul style="list-style-type: none"> • 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 Stock Exchanges
	<ul style="list-style-type: none"> • 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

Equity Markets -II

Question Paper Pattern (Academic Year: 2025-26)

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: TMIT
- 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 2025-2026)
1. Major (1.A Financial Markets)**

1.A.b. Debt Markets -II (3 Credits)

Semester IV

1.Major	
1.A Financial Markets	
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	
COout 1	Bond markets tracking exposure helps the students to understand the economic indicators, Monetary policy and Currency valuation.
COout 2	It helps in the learning of the role of debt markets then and now
COout 3	It provides a new career opportunity for the students in portfolio management
COout 4	Understanding of the Different types of bond management strategies.
COout5	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).
COout 6	Learner understands the Role and Functions of the financial regulators.
COout 7	Learner understands the meaning and classification of various financial instruments.
COout 8	Learner understands evaluation and characteristics of financial instruments and new financial instruments.
COout 9	Evaluate and compare different financial products available in India including their features, risks, and benefits.
COout10	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
	<ul style="list-style-type: none"> • Introduction to fixed income pricing • Introduction to Hybrid Instruments • Yield curve, Bond mathematics • Duration and Convexity • Duration - including modified and Maculay Duration, Convexity
2	Valuation of Bonds and Debt instruments.
	<ul style="list-style-type: none"> • 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 - Securitization • MBS, CDS, Principal protected ELD, CDO • Redemption and Conversion of Debentures
3	Tracking Fixed Income Markets and Portfolio Management
	<ul style="list-style-type: none"> • Tracking bond markets • Leading – Lagging and Coincident Indicators • 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 • SARFAESI Act, 2002, Insolvency and Bankruptcy Codes. • Debt Recovery Tribunal and Lok Adalats

Financial Markets

Debt Markets -II

Question Paper Pattern (Academic Year: 2025-26)

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 B. Theory/Concept-based question C. Theory/Concept-based question D. Theory/Concept-based question E. Theory/Concept-based question	5 5 5 5 5	20
Q-2	Answer the following: Any 4		
	A. Theory/Concept-based question B. Theory/Concept-based question C. Theory/Concept-based question D. Theory/Concept-based question E. Theory/Concept-based question	5 5 5 5 5	20
Q-3	Answer the following: Any 4		
	A. Theory/Concept-based question B. Theory/Concept-based question C. Theory/Concept-based question D. Theory/Concept-based question E. Theory/Concept-based question	5 5 5 5 5	20
	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: TMIT
- 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 2025-2026)
1. Major (1.A Financial Markets)**

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

Semester IV

1.Major	
1.A Financial Markets	
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, includinghedging
CObj 4	To enable the learner understand the concepts of Options and Option Pricing Models
Course Outcomes	
COOut 1	The student learns concepts related to Commodities and Derivatives market.
COOut 2	The leaner is acquainted with the trading, clearing and settlement mechanismin derivatives market
COOut 3	The leaner can relate to orders and clearing process
COOut 4	The learner is aware of various Risk Management measures
COOut5	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).
COOut 6	Learner understands the Role and Functions of the financial regulators.
COOut 7	Learner understands the meaning and classification of various financial instruments.
COOut 8	Learner understands evaluation and characteristics of financial instruments and new financial instruments.
COOut 9	Evaluate and compare different financial products available in India including their features, risks, and benefits.
COOut10	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
	<ul style="list-style-type: none"> • 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 • 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
2	Options and Option Pricing Models
	<ul style="list-style-type: none"> • 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 & Diagramsfor Options Contract • Basic Understanding of Option Strategies • Options Pricing Models • Binomial Option Pricing Model, Black - Scholes Option Pricing Model
3	Trading, Clearing & Settlement In Derivatives Marketand Types of Risk
	<ul style="list-style-type: none"> • 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 • Types of Risk: • Value at Risk, Methods of calculating VaR, Risk Management Measures , Typesof Margins, SPAN Margin

Financial Markets
Commodity Markets -II
Question Paper Pattern (Academic Year: 2025-26)

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 B. Theory/Concept-based question C. Theory/Concept-based question D. Theory/Concept-based question E. Theory/Concept-based question	5 5 5 5 5	20
Q-2	Answer the following: Any 4		
	A. Theory/Concept-based question B. Theory/Concept-based question C. Theory/Concept-based question D. Theory/Concept-based question E. Theory/Concept-based question	5 5 5 5 5	20
Q-3	Answer the following: Any 4		
	A. Theory/Concept-based question B. Theory/Concept-based question C. Theory/Concept-based question D. Theory/Concept-based question E. Theory/Concept-based question	5 5 5 5 5	20
	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
- Niti Chatnani, 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 2025-2026)
2. Minor (Allied Course)**

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</p> <p>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</p> <p>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</p> <p>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.</p> <p>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

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

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.

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

Laws Relating to Securities and Modes of Charging- Mortgage; Types of Mortgage; Enforcement of Mortgages, Lien; Pledge; Hypothecation; etc.

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

Legal provisions regarding endorsements- General rules regarding the form of endorsements

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

Banking Law And Practice
Question Paper Pattern (Academic Year: 2025-26)

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 B. Theory/Concept-based question C. Theory/Concept-based question D. Theory/Concept-based question E. Theory/Concept-based question	5 5 5 5 5	20
Q-2	Answer the following: Any 4		
	A. Theory/Concept-based question B. Theory/Concept-based question C. Theory/Concept-based question D. Theory/Concept-based question E. Theory/Concept-based question	5 5 5 5 5	20
Q-3	Answer the following: Any 4		
	A. Theory/Concept-based question B. Theory/Concept-based question C. Theory/Concept-based question D. Theory/Concept-based question E. Theory/Concept-based question	5 5 5 5 5	20
	Total		60

Reference Books (with Chapters):

- Tannan 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 2025-2026)

3. General / Open Electives

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

3.A.a.Digitalization of Financial Markets(3 Credits)

Semester IV

3. General /Open Electives	
General Electives (GE)/ Open Elective (OE)	
3.A.a Digitalization of Financial Markets	
Course Objectives and Course Outcomes	
Course Objectives	
CObj 1	To enable learners to define , differentiate from traditional finance, and trace the historical evolution of financial markets.
CObj 2	To understand the drivers, categories, and disruptive potential of Fintech, along with the dynamics of digital marketplaces and platforms.
CObj 3	To evaluate the impact of digitalization on core financial services and understanding the mechanics and implications of digital payments.
CObj 4	To analyze the evolving regulatory landscape governing digital finance, balancing innovation with consumer protection.
CObj 5	To evaluate the cybersecurity risks , data privacy concerns and the ethical considerations surrounding the use of AI and other technologies in finance.
CObj 6	To analyze emerging trends and technologies shaping the future of finance, including the transformation of banking, the application of AI and machine learning
Course Outcomes	
COut 1	Students are capable of defining, differentiating digital finance from traditional finance.
COut 2	Critically evaluate the key components of the digital finance landscape .
COut 3	Enables students to evaluate the mechanics and implications of digital payments, identifying the associated risks and opportunities.
COut 4	Students can critically assess the evolving regulatory landscape governing digital finance, the challenges of balancing innovation with consumer protection, maintaining the integrity of the digital financial system.
COut 5	Learners can critically examine the ethical considerations in AI.
COut 6	To analyze the broader social impact of digitalization on financial inclusion, economic inequality, and access to financial services
COut 7	Learners will be able to critically evaluate the challenges and opportunities presented by these advancements and their potential to reshape the financial landscape.
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 Financial Markets		
Sr. No.	Modules	No. of Lectures
1	Introduction to Digital Finance and Market Evolution	15
2	Digitalization of Financial Products and Services	15
3	Digital Transformation and the Future of Finance	15
Total No. of Lectures:		45

Sr. No.	Modules
1	Introduction to Digital Finance and Market Evolution
	<ul style="list-style-type: none"> • Introduction: Defining digital finance and its core components. Distinguishing between traditional finance and digital finance. Exploring the historical evolution of financial markets (Money & Capital) and the role of technology in shaping their development. Introducing key concepts like Fintech, Insurtech, and Regtech. • The Rise of Fintech Examining the factors driving the growth of Fintech. Different categories of Fintech companies (e.g., payments, lending, investing, insurance). Analyzing the disruptive potential of Fintech on traditional financial institutions. challenges and opportunities presented by Fintech innovation. • Digital Marketplaces and Platforms: Understanding the concept of digital marketplaces and platforms in finance. Role of online platforms in connecting buyers and sellers of financial products and services. Impact of platforms on market access, transparency, efficiency and network effects and platform business models. • Data in Financial Markets: Different types of financial data (e.g., market data, economic data, social media data) and challenges of data management. Introducing basic concepts of data analytics and its applications in finance. • The Changing Landscape of Financial Regulation: Overview of the regulatory landscape governing digital finance and its challenges Role of regulators in balancing innovation and consumer protection. Introducing key regulatory concepts like KYC (Know Your Customer) and AML (Anti-Money Laundering).
2	Digitalization of Financial Products and Services

	<ul style="list-style-type: none"> • Digital Payments and Mobile Money: Impact of digital payments on financial inclusion and economic development. Security and privacy considerations related to digital payments. • Cryptocurrencies and Blockchain: Introduction to cryptocurrencies like Bitcoin and Ethereum. Understanding the underlying technology of blockchain and its potential applications beyond cryptocurrencies Central Bank Digital Currencies (CBDCs), High-Frequency Trading Tokenization of Assets, Security Token Offerings (STOs), Legal and Regulatory Considerations in Tokenized Assets Risks and opportunities associated with investing in crypto currencies Concept of decentralized finance (DeFi). • Digital Lending and Crowdfunding: Examining the growth and impact of digital lending platforms and crowd funding platforms. Credit risk assessment and loan management practices in digital lending. • Robo-Advisors and Algorithmic Trading: Introduction to robo-advisors and automated investment platforms. Use of algorithms and AI in investment management. Benefits and limitations of algorithmic trading. Risks and Ethical Implications of Algorithmic Trading • Insurtech and Digital Insurance: Application of technology in the insurance industry. Impact of Insurtech on traditional insurance models. Use of data analytics and IoT devices in insurance underwriting and claims processing.
3	Digital Transformation and the Future of Finance
	<ul style="list-style-type: none"> • Cybersecurity and Data Privacy: Understanding the importance of cybersecurity and data privacy in digital finance. Strategies for mitigating these risks and protecting sensitive financial data. Ethical considerations related to the use of AI in finance. • The Future of Banking: Impact of digitalization on the banking industry. Exploring the emergence and future trend of digital banks and the transformation of traditional banks. Introduction to the concepts of AI and machine learning and their applications in finance. Exploring the use of AI for fraud detection, risk management, and customer service. • The Metaverse and Web 3.0: Introduction to the concepts of the metaverse and Web 3.0 and their potential implications for financial markets and use of virtual and augmented reality in finance. Challenges and opportunities presented by these emerging technologies.

Digitalization of Financial Markets

Question Paper Pattern (Academic Year: 2025-26)

Internal Examination & Semester End Examination – 40 Marks

A] Internals-40 Marks

Method of evaluation	Total marks
Practical Work/Power point presentation/ Quiz	20
Assignment/Projects	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 B. Theory/Concept-based question C. Theory/Concept-based question D. Theory/Concept-based question E. Theory/Concept-based question	5 5 5 5 5	20
Q-2	Answer the following: Any 4		
	A. Theory/Concept-based question B. Theory/Concept-based question C. Theory/Concept-based question D. Theory/Concept-based question E. Theory/Concept-based question	5 5 5 5 5	20
Q-3	Answer the following: Any 4		
	A. Theory/Concept-based question B. Theory/Concept-based question C. Theory/Concept-based question D. Theory/Concept-based question E. Theory/Concept-based question	5 5 5 5 5	20
	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 2025-2026)

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.Aa. 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	Introduction to Family Business	11
2	Strategic Management in Family Businesses	11
3	Financial Management & Governance Structures in Family Businesses	11
4	Growth and Sustainability & Future Trends in Family Business	12
Total No. of Lectures:		45

Sr. No.	Modules
1	Introduction to Family Business
	Definition, Importance, characteristics of Family Businesses Enterprises - Types of Family Businesses (e.g., small businesses, large conglomerates) - Dynamics of Family Business: Family Dynamics and Governance, Roles of Family Members in Business, Succession Planning and Leadership Transition, Conflict Resolution within Family Firms
2	Strategic Management in Family Businesses
	- Strategic Planning for Family Enterprises - Business Models and Innovation in Family Firms - Risk Management and Resilience
3	Financial Management & Governance Structures in Family Businesses
	Financial Planning and Control - Funding Options for Family Enterprises - Valuation of Family Businesses - Establishing Governance Frameworks & Best Practices in Family Business Governance
4	Growth and Sustainability & Future Trends in Family Business
	Strategies for Growth in Family Businesses - Challenges of Professionalization - Sustainability and Corporate Social Responsibility - Impact of Technology on Family Enterprises - Globalization and Family Business - Emerging Trends and Challenges

Family Business Enterprise

Question Paper Pattern (Academic Year: 2025-26)

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 B. Theory/Concept-based question C. Theory/Concept-based question D. Theory/Concept-based question E. Theory/Concept-based question	5 5 5 5 5	20
Q-2	Answer the following: Any 4		
	A. Theory/Concept-based question B. Theory/Concept-based question C. Theory/Concept-based question D. Theory/Concept-based question E. Theory/Concept-based question	5 5 5 5 5	20
Q-3	Answer the following: Any 4		
	A. Theory/Concept-based question B. Theory/Concept-based question C. Theory/Concept-based question D. Theory/Concept-based question E. Theory/Concept-based question	5 5 5 5 5	20
	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 2025-2026)

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	
COout 1	Learners will be able to clearly define RPA, explain its benefits and limitations compared to traditional automation.
COout 2	Learners will be able to navigate the UiPath Studio interface, build workflows using control flow activities and various techniques.
COout 3	Learners will understand RPA project management best practices.
COout 4	Learners will be able to analyze features and functionalities of different RPA tools.
COout 5	Learners will gain practical experience by developing and implementing RPA solutions for real-world scenarios.

Modules at a Glance

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: 2025-26)

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		
	A. Theory/Concept-based question B. Theory/Concept-based question C. Theory/Concept-based question D. Theory/Concept-based question E. Theory/Concept-based question	5 5 5 5 5	20
Q-2	Answer the following: Any 4		
	A. Theory/Concept-based question B. Theory/Concept-based question C. Theory/Concept-based question D. Theory/Concept-based question E. Theory/Concept-based question	5 5 5 5 5	20
Q-3	Answer the following: Any 4		
	A. Theory/Concept-based question B. Theory/Concept-based question C. Theory/Concept-based question D. Theory/Concept-based question E. Theory/Concept-based question	5 5 5 5 5	20
	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 2025-2026)**

4.B Vocational Skill Course (VSC)

4.B Vocational Skill Course (VSC)

4.B.a Mutual Funds (3 Credits)

Semester IV

4.B Vocational Skill Course (VSC)	
4.B Vocational Skill Course (VSC)	
4.B.a 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	
COout 1	This subject gives an opportunity to students to develop their understanding towards different kinds of mutual fund schemes and their features.
COout 2	It ensures focus on understanding the legalities of Mutual Fund management
COout 3	It ensures awareness about various Investor Services and the related Accounting Practices
COout 4	It ensures learning about creating model mutual fund portfolios
COout 5	Learner develops skills in budgeting, tracking expenses, and managing personal cash flow effectively.
COout 6	Learners develops skills to evaluate and manage financial risks through appropriate insurance coverage and risk management strategies.
COout 7	Learner understands the importance of retirement planning and develop strategies to achieve retirement goals.
COout 8	Learner understands tax planning strategies to minimize tax liabilities and optimize personal finances.
COout 9	Learner understands the basic investor psychology towards personal financial goals.
COout10	Learner demonstrates knowledge of ethical considerations and professional standards in personal financial planning.

Modules at a Glance

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
	<ul style="list-style-type: none"> • Concept and role of a mutual fund – Fund Structure and Constituents – Legal aspects and Regulatory Environment • Types of Mutual Funds • Understanding offer document – Fund Distribution – Channel Management Practices – ESG Funds • Accounting Valuation – Accounting Practices
2	Performance evaluation and Scheme Selection
	<ul style="list-style-type: none"> • Investor Services – Tracking Mutual funds market performance • 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
	<ul style="list-style-type: none"> • Selecting the right products for investors • Role and Importance of Mutual Funds • Financial Planning using Mutual Funds Recommending financial plans • Creating model mutual fund portfolios • Systematic Investment Plan • Systematic Transfer Plan • Systematic Withdrawal Plan • Loan against mutual funds

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

Mutual Funds

Question Paper Pattern (Academic Year: 2025-26)

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 B. Theory/Concept-based question C. Theory/Concept-based question D. Theory/Concept-based question E. Theory/Concept-based question	5 5 5 5 5	20
Q-2	Answer the following: Any 4		
	A. Theory/Concept-based question B. Theory/Concept-based question C. Theory/Concept-based question D. Theory/Concept-based question E. Theory/Concept-based question	5 5 5 5 5	20
Q-3	Answer the following: Any 4		
	A. Theory/Concept-based question B. Theory/Concept-based question C. Theory/Concept-based question D. Theory/Concept-based question E. Theory/Concept-based question	5 5 5 5 5	20
	Total		60

**Syllabus of courses of SY B. F.M. Programme
(With effect from the Academic Year 2025-2026)**

5. Ability Enhancement Courses(AEC)

5.A Skill Enhancement Course (SEC)

5.A.a Linguistic Studies- II (2 Credits)

Semester IV

5. Ability Enhancement Courses(AEC)	
5.A Skill Enhancement Course (SEC)	
5.A.a Linguistic Studies -II(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 familiarized with the literature of the chosen language
CObj 12	To get familiarized 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

COout 4	To understand the richness of Indian selected languages with reference to constants and vowels
COout 5	To understand unique characteristics of the chosen language
COout 6	To understand the use of gender and tenses
COout 7	To understand the use of idioms and phrases
COout 8	To know the various dialects of the chosen language
COout 9	To understand the application of technology for communication by alternatively abled
COout 10	To understand the need of learning functional language
COout 11	To get familiarized with the literature of the chosen language
COout 12	To get familiarized with the literature translated to the chosen language from other languages
COout 13	To learn to appreciate the other literary forms of the chosen language

Modules at a Glance

Linguistic Studies -II(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
	<ul style="list-style-type: none"> • Translated Literature and Cultural Exchange <p>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</p>
2	Functional and Commercial Language
	<ul style="list-style-type: none"> • 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 <p>Banking and financial terms in the chosen language</p>
3	Forms of Literary Expressions
	<ul style="list-style-type: none"> • Appreciation of select forms of literatureo <p>Films</p> <ul style="list-style-type: none"> o Theatre o Performing Arts o Fine Arts <p>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</p>

Linguistic Studies (2 Credits)

Question Paper Pattern (Academic Year: 2025-26)

Internal Examination & Semester End Examination – 50 Marks

A] Internals-20 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

B] Semester End Examination (SEE)- 30 Marks

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

**Syllabus of courses of S Y B. F.M. Programme
(With effect from the Academic Year 2025-2026)
5. Field Project/Apprenticeship/Community Engagement & Services)
5.C.a Project Work (2 Credits)
Semester IV**

Internship/Field Project / Research Project / Community Engagement	
Foundation of Research Skills - II	
Course Objectives and Course Outcomes	
Course Objectives	
CObj 1	Develop research, analytical, and problem-solving skills through hands-on projects, internships, or community service.
CObj 2	Encourage independent and collaborative learning by engaging in fieldwork, research, or professional internships.
CObj 3	Train learners to document, present, and validate their work using structured formats and verifiable records.
CObj 4	Foster critical thinking and reflection through mid-term and final evaluations, including presentations and viva voce.
CObj 5	Enhance students' understanding of ethical research practices by ensuring originality, authenticity, and adherence to deadlines.
CObj 6	Enable students to effectively communicate findings through structured reporting, teamwork (for group projects), and professional documentation.
CObj 7	Prepare learners to apply research skills to real-world scenarios, equipping them for future academic and professional endeavors.
Course Outcomes	
COut 1	Independently or collaboratively conduct a research project, field study, internship, or community service initiative.
COut 2	Develop structured proposals, presentations, and final reports following academic and professional standards.
COut 3	Maintain accurate and verifiable documentation of work through logbooks, meeting minutes, survey forms, and data logs.
COut 4	Apply appropriate methodologies in research, fieldwork, or community service projects to achieve meaningful outcomes.
COut 5	Demonstrate effective time management by adhering to deadlines for proposal submission, interim review, and final presentations.

COut 6	Analyze and present findings systematically, including reflections on personal contributions in group projects.
COut 7	Uphold ethical research standards by ensuring originality, plagiarism-free work, and proper attribution of sources.

Instructions for Foundation of Research Skills - II

1. Learners need to choose one of the options i.e. **Community Service, Field Study Project, Internship, Research Project.**
2. To avail the 2 credits, learners have to complete four steps.

Particular	Timeline
Proposal Plan	Beginning of Semester
Interim Presentation and viva voce	Mid semester
Final Presentation	End of semester
Final Submission	After Semester IV Regular Examination

3. Formats will be provided by faculty-in-charge for proposals and documentations.
4. **Community Service/ Field Study Project:**
 - a. Community Service/ Field Study projects may involve groups of up to **3 learners**. Each group member must contribute a distinct and measurable part of the project.
 - b. For Group Project, learners are required to record minutes of all meetings, highlighting task allocations and key discussions, including these in the final report.
 - c. Learners are required to have proper documentation as proof of work. It can be done in the form of photographs, attendance records, survey forms, data logs, and completion letters to validate authenticity and genuineness.
5. **Internship:**
 - a. Internships must be completed independently.
 - b. Internship work must begin **after college hours** and must meet the **60 hours** requirement.
 - c. Learners are required to maintain a log book documenting 60 hours of work, verified through supporting documents and teacher remarks.
6. **Research Project:**
 - a. Research Project must be completed independently.
 - b. Learners are required to have proper documentation as proof of work. It can be done in the form of photographs, attendance records, survey forms, data logs, and completion letters to validate authenticity and genuineness.
7. Learners are strongly advised to carefully review the provided formats and guidance notes and adhere to them.
8. **Final Presentations** must include objectives, methodology, findings, reflections, and a summary. (*Summary must include individual contributions for group projects.*)
9. Learners must score at least 20 marks and complete the project successfully. Failure will result in ATKT.
10. Projects must be original and free from plagiarism.
11. Each learner is responsible for completing their assigned tasks, participating actively, and adhering to deadlines.
12. Learners must seek timely guidance from the faculty-in-charge during allocated lecture hours to ensure smooth project progress and adherence to guidelines.