

**HINDI VIDYA PRACHAR SAMITI'S RAMNIRANJAN
JHUNJHUNWALA COLLEGE OF ARTS, SCIENCE & COMMERCE
SYLLABUS FRAMEWORK AS PER NEP**



Hindi Vidya Prachar Samiti's

Ramniranjan Jhunjhunwala College of Arts, Science & Commerce

(Empowered Autonomous College)

Affiliated to UNIVERSITY OF MUMBAI

Program: BACHELORS IN FINANCIAL MARKET (BFM)

Program Code: RJCUBFM

(2025-2026)

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THE PREAMBLE

Why Bachelors in Financial Market (BFM)?

The Bachelor in Financial Markets (BFM) is a specialized undergraduate program designed for students aspiring to build a strong foundation and pursue rewarding careers in the dynamic field of financial markets. Financial markets play a pivotal role in the efficient allocation of capital across the economy, serving as the backbone of global financial systems. These markets include equities, bonds, foreign exchange, and derivatives, facilitating the flow of funds and offering investment opportunities to individuals, institutions, and governments. This program aims to provide students with in-depth theoretical knowledge and practical insights into the functioning, regulation, and structure of these markets. It equips learners with the tools to analyse market trends, evaluate financial instruments, and make informed decisions across different asset classes. The curriculum is tailored to meet the evolving needs of the financial services sector and focuses on key areas such as equity and debt markets, portfolio management, risk assessment, trading mechanisms, and regulatory frameworks. It also emphasizes essential skills in financial planning, advisory services, research, and analytics, preparing students to navigate the fast-paced and highly regulated financial environment.

Why BFM at RJ College?

BFM is the first of its courses to be introduced at the undergraduate level as per the guidelines put forth by the National Education Policy 2020. The department has a vision to leave no stone unturned and position this course as one of the niche courses by undertaking innovative teaching methodologies and making the teaching learning process a joy for the learners as well as the trainers. The learners will be trained not only by academicians with rich academic background but also by industry experts with rich industry experience. We aim at providing quality knowledge at the classroom level and also providing industrial exposure through research based projects, internships and industrial visits. Developing industry networks for better job prospects and also grooming the students to be more employable and saleable in the job market. Conducting bridge courses and value added certificate courses apart from conducting career guiding sessions, guest lectures, and counselling for preparation of competitive exams. Encouraging the students to organize and participate in various intra collegiate and intercollegiate competitions. Students will also be motivated to be a part of The Rotaract Club of RJ College which would contribute towards the Personality Development of the students. It would also give them a wide international exposure and extensive networking. The club is also instrumental in making the students more humanitarian, ethical and a good human being through community services.

Our Curriculum, Your Strength

The Bachelor in Financial Markets (BFM) curriculum is thoughtfully structured based on valuable inputs from academicians, industry professionals, students, and alumni. This collaborative approach ensures that the program remains relevant, dynamic, and aligned with industry expectations. The curriculum is designed to provide learners with a comprehensive and in-depth understanding of the financial markets. It bridges the gap between academic theory and real-world financial practices, enabling students to master the tools, techniques, and strategies essential to navigating various segments of the financial ecosystem—including equity, debt, derivatives, forex, and money markets. Through a balanced integration of conceptual knowledge and practical applications, the program prepares students for diverse careers in financial services, investment analysis, trading, financial planning, and consultancy. Emphasis is placed on developing a strategic mind-set, analytical thinking, and professional skills necessary to thrive in fast-evolving financial environments. In addition, the curriculum fosters a deep awareness of financial planning and empowers students to explore a wide range of financial avenues with confidence and competence. This holistic learning experience ensures that graduates are not only job-ready but also equipped to contribute meaningfully to the financial markets and institutions they serve.

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PROGRAM OUTCOMES OF GENERAL UNDERGRADUATE DEGREE PROGRAMS

- To impart a comprehensive understanding of financial market instruments and their role in capital formation.
- To develop analytical skills for market analysis, investment decision-making, and risk management. 3. To prepare graduates for key roles such as Financial Market Advisor, Equity Analyst, Derivatives Dealer, and Mutual Fund Specialist.
- To provide exposure to real-time trading platforms and encourage hands-on learning through market simulations and internships.
- To foster an understanding of economic forces, monetary policies, and global financial linkages that influence market behaviour.

PROGRAMME SPECIFIC OUTCOME BFM

The BFM program equips students with a strong foundation in capital markets, investment analysis, and financial planning. It prepares learners to navigate equity, debt, derivatives, and forex markets through a blend of theoretical knowledge and practical exposure to market tools and trading platforms. Emphasizing ethical finance, regulatory awareness, and data-driven decision-making, the curriculum develops students' analytical, communication, and leadership skills. Graduates will be ready to take on roles in investment advisory, market research, fund management, and other financial services, with a clear understanding of how financial markets drive economic value.

- **PSO1:** Apply analytical tools and financial theories to assess securities, evaluate market trends, and make informed investment decisions in equity, debt, and derivative markets.
- **PSO2:** Demonstrate a comprehensive understanding of financial instruments, trading mechanisms, and market structures, including real-time operations of stock exchanges and regulatory frameworks.
- **PSO3:** Design and evaluate financial plans, portfolios, and risk strategies for individuals and institutions, using principles of asset allocation, taxation, and financial goal setting.
- **PSO4:** Exhibit awareness of ethical standards and regulatory policies governing the financial markets, ensuring responsible and legally compliant financial practices.
- **PSO5:** Utilize digital tools, financial modelling, and data analysis platforms to solve problems, interpret market data, and support decision-making in a technologically evolving financial environment.
- **PSO6:** Effectively communicate financial insights, reports, and strategies to stakeholders, and collaborate in diverse teams to solve complex financial problems.

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CREDIT DISTRIBUTION

SEMESTER I

SR NO	COURSE CODE	SUBJECT	CREDITS
1	RJVSCBFM111	ADVANCE EXCEL	2

SEMESTER II

SR NO	COURSE CODE	SUBJECT	CREDITS
1	RJVSCBFM121	STOCK MARKET OPERATIONS	2

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CONTENT DISTRIBUTION UNDER EACH SUBJECT

SEMESTER - I

SR NO	COURSE CODE	SUBJECT	CONTENT DISTRIBUTION	CREDITS
1	RJVSCBFM111	ADVANCE EXCEL	1. Introduction to Excel, Function & Data Handling. 2. Pivot & Automation	2

SEMESTER – II

SR NO	COURSE CODE	SUBJECT	CONTENT	CREDITS
1.	RJVSCBFM121	STOCK MARKET OPERATIONS		

**VOCATIONAL SKILL COURSE (VSC) SEM I
ADVANCE EXCEL**

SEMESTER	:	II
TITLE OF THE SUBJECT /COURSE	:	ADVANCE EXCEL
COURSE CODE	:	RJVSCBF111
CREDITS	:	2
DURATION (HOURS)	:	30

FYBBA	Semester I
ADVANCE EXCEL CODE: RJVSCBFM111	Course Outcomes: 1. Develop proficiency in using different types of workbooks and formatting cells in Excel. 2. Apply Power Query and Power Pivot to clean and transform data from multiple sources. 3. Understand the concept of automation using macros and record simple VBA macros. 4. Execute and debug macros, and understand the process of automation through VBA.

Course Outcome	On completing the course the students will be able to	PSO addressed	Blooms level
CO1	Demonstrate proficiency in Excel's workbook and cell formatting features.	1,2,3, 4, 5	1,2,3
CO2	Construct pivot tables, charts, and interactive dashboards for data visualization.	1,2,3, 4, 5	2,3,4
CO3	Utilize Power Query and Power Pivot to transform and integrate data from diverse sources.	1,2,3, 4, 5	2,3,5
CO4	Record and execute macros using VBA for automating repetitive tasks.	1,2,3, 4, 5	4,5,6

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SEMESTER I		L	Cr
Course : Advance Excel	Course Code: RJVSCBFM111	30	2
UNIT I		20	
Introduction to Excel, Function & Data Handling			
Introduction to Excel: Quantum of Excel and Basics Workbook, Types of workbooks and their uses (XLSX, XLS, CSV, XLSM and XLSB), Common uses of Excel Cell, Row, Column, Range/Array, Name box, Formatting of cells (Wrap Text, Number, Text, Cell formatting, commenting, etc); Ribbon, Formulas bar, Status bar; Basic operators (+, -, /, *, %, >, <, >=, <=, (), { }, [], &, ' ', " ", !) Introduction to Function: Commonly used Excel Functions What is syntax, arguments (Optional, Mandatory) Navigations using keyboard, shortcuts, Sum, Average, Max, Min, Product; CountBlank, CountA, CountIF, If, Now, Today; Cut, Copy, Paste, Paste Special. Anchoring data: Referencing, Named ranges and its uses Absolute, Relative, Mixed referencing Name Manager, Named ranges, Creating Tables Create functions using named ranges AND/OR referencing Referring data from different tables: Various types of Lookup, Nested IF, Advanced functions. Lookup, Vlookup, Nested Vlookup, Hlookup, Index, Index with Match function If, If with combination of AND/OR (multiple ways to get the output), IFERROR RANK, RAND, RANDBETWEEN, INDIRECT with ADDRESS & MATCH, OFFSET Data Handling: Data cleaning, Data type identification, Data restrictions, Formatting and Filtering LEN, LEFT, RIGHT, MID, CONCATENATE, CONCAT, FIND, SUBSTITUTE, TEXT, TRIM SECOND, MINUTE, HOUR, DAY, WEEK, MONTH, QUARTER, YEAR, WORKDAYINTL ISNUMBER, ISNA, ISNONTTEXT, ISEVEN, ISODD, ISFORMULA, ISERROR Data validation, Depended drop down, Protecting cell, Array, range, sheet, Workbook Data Summarization : Conditional formatting (Icon sets/Highlighted color sets/Data bars/custom formatting), Sort, Advanced Sort, Filtering Advanced functions, Charts, Sum, Average, Max, Min with IF and IF'S, Count IF'S Various types of Charts, Pivot, Preparing the Dashboard Pivot table, Slicers, Pivotcharts, Calculated field, Calculated item, ADD/REMOVE/CHANGE data into the pivot table, Refreshing pivot data Dashboard creation			
UNIT III		10	
Pivot & Automation			
Power query, power pivot: Cleaning data, extracting data from multiple sources, transforming data, imputation techniques. Getting data from CSV files, data bases, workbooks, webpages. Introduction to automation : Macros (Recorded / VBA) How VBA works, Record a sample macro (Recording macros, Absolute mode, relative mode, different methods of executing macros), How to debug			

REFERENCE BOOKS:

1. Excel 2019 Bible by Michael Alexander and Richard Kusleika
2. Excel 2019 All-in-One for Dummies by Greg Harvey
3. Excel Data Analysis: Modeling and Simulation by Hector Guerrero
4. Excel 2019 Power Programming with VBA by Michael Alexander
5. Excel Formulas and Functions by Bernd Held

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**VSC SEM II
STOCK MARKET OPERATIONS**

SEMESTER	:	II
TITLE OF THE SUBJECT /COURSE	:	STOCK MARKET OPERATIONS
COURSE CODE	:	RJVSCBFM121
CREDITS	:	2
DURATION (Hours)	:	30

FYBFM	SEMESTER II
STOCK MARKET OPERATIONS CODE: RJVSCBFM121	Learning Objectives - To introduce the foundational concepts and structure of the Indian stock market. - To explain the primary and secondary market operations through real-time examples. - To provide hands-on knowledge of online trading platforms and mock trading. - To help students understand how to read stock quotes and analyse market data. - To encourage interpretation of financial news and its impact on stock prices. - To cultivate ethical practices and responsible investment habits among students

Course Outcome Number	On completing the course the student will be able to	PSO Addressed	Blooms Level
CO1	Explain the structure and functioning of the Indian stock market including SEBI's regulatory role.	1,2,3,4	1,2,4
CO2	Identify key players in the stock market and understand their roles in trading and investing.	1,2,3,4	1,2,3
CO3	Operate a mock trading platform to place buy/sell orders and manage a basic portfolio.	1,2,3,4	2,3,6
CO4	Analyse stock charts using basic technical indicators like moving averages and RSI.		1,3,5
CO5	Evaluate companies using fundamental parameters such as PE ratio, EPS, ROE, and D/E ratio.		2,4,5
CO6	Construct a 3-stock or sector-wise portfolio based on analysis and market research.		3,5,6

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SEMESTER II		L	Cr
SUBJECT: STOCK MARKET OPERATIONS	Course Code: RJVSCBFM121	30	2
UNIT I			
Introduction to Stock Market & Trading Mechanism		15	
- Meaning and Functions of Stock Market; Participants in Stock Market – Investors, Brokers, Traders, SEBI - Types of Securities – Equity Shares, Preference Shares, Debentures, Bonds, Mutual Funds - Primary Market vs Secondary Market; Stock Exchanges in India – BSE, NSE, MCX; Role of SEBI – Regulations, Investor Protection - IPO Process – Book Building, Price Band, Listing; Trading Terminologies – Bull, Bear, Demat, Margin, Volume, Circuit Breaker. - Opening a Demat & Trading Account – Process & Documents; Role of Depositories – NSDL, CDSL - Types of Orders – Market Order, Limit Order, Stop Loss Order; Trading Mechanism			
UNIT II			
Settlement Mechanism & Stock Market Indices, Risk & Returns		15	
- T+1 Settlement Cycle; Brokerage Charges and Taxation – STT, GST, Stamp Duty - Intraday vs Delivery Trading; Basics of Technical and Fundamental Analysis; Introduction to Trading Apps. - Understanding Indices – Sensex, Nifty, Sectoral Indices; Portfolio Building – Diversification, Risk-return Tradeoff - Concepts of Risk – Systematic & Unsystematic Risk; Return Calculation – Capital Gain, Dividend Yield - Investment Strategies – SIP, Buy & Hold, Value Investing; Introduction to Mutual Funds & ETFs - Regulatory Framework & Investor Grievances - Current Trends – Algo Trading, F&O (Basic idea only)			

REFERENCE BOOKS:

1. *V.K. Bhalla – Investment Management: Security Analysis and Portfolio Management*
2. *C. N. Vishwanath – Stock Market Operations and Investment Strategies*
3. *Jack D. Schwager – Market Wizards: Interviews with Top Traders*
4. *R. K. Gupta – Stock Market: A Practical Guide to Indian Markets*
5. *S. K. Gupta & M. R. Sharma – Financial Markets and Institutions*
6. *William J. O'Neil – How to Make Money in Stocks*

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Internal Assessment

1. Major Courses: 25 Marks & all other Courses except Co-Curricular Course: 20 Marks

2. Mode of Evaluation:

- Presentation (Group wise 10 min each group; criteria for marking: On the basis of Presentation skills, Communication, PPT file, Attire, Report)
- Written (Duration: 30 Min)
- Lab Practical (Duration: 30 Min)
- Assignment

Written Question Paper Pattern

Internal

Marks: 20 Duration: 30 min

Q.1) Multiple choice questions. (1 marks each): (05 Marks)

- 1
- 2
- 3
- 4
- 5

Q.2) Explain the following concepts. (1 marks each): (05 Marks)

- 1
- 2
- 3
- 4
- 5

Q.3) Answer the questions. (Any TWO): (10 Marks)

- 1
- 2
- 3

Semester End Exam

Marks: 30 Duration: 1 Hr

Q1.A	Answer the question	10 Marks
	OR	
Q1.B	Answer the question	10 Marks
Q2.A	Answer the question	10 Marks
	OR	
Q2.B	Answer the question	10 Marks

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Q3.A	Answer the question	10 Marks
	OR	
Q3.B	Answer the question	10 Marks

*****END*****