CBSE | DEPARTMENT OF SKILL EDUCATION CURRICULUM FOR SESSION 2023-2024

INTRODUCTION TO FINANCIAL MARKETS (SUBJECT CODE 405)

JOB ROLE: BUSINESS CORRESPONDENT

CLASS - IX & X

COURSE OVERVIEW

Financial skills particularly in the 21st century are as important as computer skills. It empowers a person to take informed judgments and decisions regarding the use and management of money. Financial skills improves the quality of life and standard of living by promoting budgeting, disciplined savings, intelligent use of credit for buying home, children's education & marriage, retirement planning etc.

There is also an acute shortage of trained professionals in BFSI (Banking, Financial Services, and Insurance) industry. The National Skill Development Corporation (NSDC) has identified BFSI as one of the 21 growth sector to develop skills. NSE is also copromoter of BFSI sector council. The BFSI is also known as financial markets.

CBSE and NSE Academy have jointly promoted the Financial Markets Management (FMM) course. A joint certificate on completion of the course for class IX & X and for class XI & XII is provided by CBSE and NSE Academy.

OBJECTIVES OF THE COURSE:

In this course, the students will be introduced to the fundamental concepts of Financial Markets Management (FMM) and the career opportunities available in this field. This course provides an insight to the students regarding various issues associated with business.

Followings are the main objectives of this course.

- To develop financial skills
- To build foundation for money management and equity market
- To develop basic understanding of mutual funds, capital and derivative market
- To build speed and accuracy for financial market operations

- To develop business acumen and entrepreneurial skills for financial markets
- To gain knowledge of green skills for environment protection
- To develop computer skills required for financial market.
- To learn oral and written communication skills to deal with clients
- To understand regulatory requirements while working in financial markets

SALIENT FEATURES:

- Vertical mobility Students starting from class IX can continue to study Financial Markets in CBSE till XII, and thereafter till Post Graduation in college and university. They can also get preference for admission in the same stream (Financial Markets) in Universities for BBA, B.Com and 5 years Integrated MBA in Financial Market.
- Joint Certificate NSE Academy provides industry certificates apart from CBSE and NSE Academy providing joint certificate.
- Books Books for FMM subjects are readily downloadable from CBSE website by click of a mouse.
- Skill Development NSE Academy helps skill development through internet based mock simulator software, NSE Learn to Trade-NLT.
- Save time Students will save up to 1 year by passing 2/4 NCFM Modules while studying FMM in CBSE schools.
- Career opportunities Students can acquire employable skills for life and virtually there is no retirement. They can be employed in Banks, Mutual Funds, Stock Market, Currency Market, Commodity Market, Teaching, KPOs, and BPOs etc. in BFSI (Banking Financial Services & Insurance) sector.
- Career for 21st Century FMM is the career for the tech savvy young persons in the 21st century. Your office can be anywhere in the world, if you have a laptop or smart phone with internet connection. There is lifelong learning as well as earning opportunities.
- Employment potential A candidate on completion of FMM and on attaining the age of employment will be a preferred candidate (compared to general market candidates without any specific skills) in the job roles of Back office executive, equity dealer, relationship executive, mutual fund executive, sales executive for selling financial services etc.in banks, broking firms, KPOs, asset management companies etc.

LIST OF EQUIPMENT AND MATERIALS:

The list given below is suggestive and an exhaustive list should be prepared by the skill teacher. Only basic tools, equipment and accessories should be procured by the Institution so that the routine tasks can be performed by the students regularly for practice and acquiring adequate practical experience.

Equipment's required for Computer Lab / Classroom:

- 1. Computers
- 2. LCD Projector with screen
- 3. White/Black Boards
- 4. Internet Connection

NSEMART Software (Internet based software) to be provided by NSEMART Software on enrolment of students.

CAREER OPPORTUNITIES:

FMM is the career for the tech savvy young persons in the 21st century. Your office can be anywhere in the world, if you have a laptop or smart phone with internet connection. There is lifelong learning as well as earning opportunities. Students can acquire employable skills for life and virtually there is no retirement. They can be employed in Banks, Mutual Funds, Stock Market, Currency Market, Commodity Market, Teaching, KPOs, and BPOs etc. in BFSI (Banking Financial Services & Insurance) sector.

A candidate on completion of FMM and on attaining the age of employment will be a preferred candidate (compared to general market candidates without any specific skills) in the job roles of Back office executive, equity dealer, relationship executive, mutual fund executive, sales executive for selling financial services etc.in banks, broking firms, KPOs, asset management companies etc.

VERTICAL MOBILITY:

Graduation: After passing out from school, they can go for BBA (FM), B Com (FM), 5 years integrated MBA (FM) with option to leave after 3 years as BBA (FM), B.Voc (FM) or B.Voc(FS) with universities and colleges who have tie up with NSE Academy. Many universities/colleges also give preference in admission to FMM students in these courses.

Post-Graduation: A large number of universities in India also offer MBA/ M Com in (Financial Markets) in collaboration with NSE Academy.

CURRICULUM:

This course is a planned sequence of instructions consisting of Units meant for developing employability and Skills competencies of students of Class IX and X opting for Skills subject along with other subjects.

INTRODUCTION TO FINANCIAL MARKETS (SUBJECT CODE - 405) CLASS – IX (SESSION 2023-2024)

Total Marks: 100 (Theory-50 + Practical-50)

	UNITS	NO. OF HOURS for Theory and Practical 220	MAX. MARKS for Theory and Practical 100
	Employability Skills		
	Unit 1 : Communication Skills-I	13	2
Part A	Unit 2 : Self-Management Skills-I	07	2
ar	Unit 3 : ICT Skills-I	13	2
	Unit 4 : Entrepreneurial Skills-I	10	2
	Unit 5 : Green Skills-I	07	2
	Total	50	10
	Subject Specific Skills		
	Unit 1: Money – What it is	10	04
	Unit 2: Money Exchange Systems	8	03
	Unit 3: Key Characteristics of Money	5	02
m	Unit 4: What is Financial Planning	11	06
+ ±	Unit 5: What is income	5	02
Part	Unit 6: What is Expenses	5	02
	Unit 7: What is Bank	03	01
	Unit 8: Why Save	8	03
	Unit 9: Setting Goals	8	03
	Unit 10: Systematic Saving and investments	11	05
	Unit 11: Making a Budget	08	04
	Total	95	40
	Practical Work		
ပ	Project		10
せ	Viva based on Project	15	05
Part	Practical File Demonstration of skill competency via Lab	-	10
	Activities	60	25
	Total	75	50
	GRAND TOTAL	220	100

INTRODUCTION TO FINANCIAL MARKETS (SUBJECT CODE - 405) CLASS – X (SESSION 2023-2024)

Total Marks: 100 (Theory-50 + Practical-50)

	UNITS	NO. OF HOURS for Theory and Practical 220	MAX. MARKS for Theory and Practical 100
	Employability Skills		
	Unit 1 : Communication Skills-II	13	2
<	Unit 2 : Self-Management Skills-II	07	2
Part	Unit 3 : ICT Skills-II	13	2
6	Unit 4 : Entrepreneurial Skills-II	10	2
	Unit 5 : Green Skills-II	07	2
	Total	50	10
	Subject Specific Skills		
	Unit 1: Investment Basics	05	02
	Unit 2: Securities	06	02
	Unit 3: Primary Market	15	07
~	Unit 4 : Secondary Market	15	07
T B	Unit 5: Derivatives	06	02
Part	Unit 6: Depository	06	02
<u> </u>	Unit 7: Mutual Funds	10	04
	Unit 8: Miscellaneous	13	06
	Unit 9: Concepts & Modes of Analysis	13	06
	Unit 10: Ratio Analysis	06	02
	Total	95	40
	Practical Work		
	Project		10
S	Viva based on Project	15	05
Part	Practical File		10
Ğ	Demonstration of skill competency via Lab Activities	60	25
	Total	75	50
	GRAND TOTAL	220	100

INTRODUCTION TO FINANCIAL MARKETS (SUB. CODE 405) CLASS – IX (SESSION 2023-2024) DETAILED CURRICULUM/TOPICS:

Part-A: EMPLOYABILITY SKILLS

S. No.	Units	Duration in Hours
1.	Unit 1: Communication Skills-II	13
2.	Unit 2: Self-management Skills-II	07
3.	Unit 3: Information and Communication Technology Skills-II	13
4.	Unit 4: Entrepreneurial Skills-II	10
5.	Unit 5: Green Skills-II	07
	TOTAL DURATION	50

The detailed curriculum/ topics to be covered under Part A: Employability Skills can be downloaded from CBSE website.

Part-B - SUBJECT SPECIFIC SKILLS (Class IX)

S. No.	Units	Duration in Hours
1.	Unit 1: Money – What it is	10
2.	Unit 2: Money Exchange Systems	8
3.	Unit 3: Key Characteristics of Money	5
4.	Unit 4: What is Financial Planning	11
5.	Unit 5: What is income	5
6.	Unit 6: What is Expenses	5
7.	Unit 7: What is Bank	03
8.	Unit 8: Why Save	8
9.	Unit 9: Setting Goals	8
10	Unit 10: Systematic Saving and investments	11
11	Unit 11: Making a Budget	08
	Total	95

UNIT	SUB-UNIT	SESSION/ ACTIVITY/ PRACTICAL
1. MONEY-WHAT IT IS ?	History of Money	Session-1 Brief history of money Requirement of money
		Activity Interactive lecture: Introduction and Basics of currency Collect the pictures of coins of different countries
	Evolution of Money	 Session -2 Money as a medium of Exchange Barter System Limitation of Barter System
		Activity Role play – Barter System
	Currencies	Session -3
2. MONEY- EXCHANGE SYSTEMS	Bartering and Commodity money	Session -1 Explanation of specialization & Trade The wheels of economic progress
		ActivityShow different currency as a medium of exchange
	Division of Labour	 Session -2 Early History of Division of Labour Today's Division of Labour leading to specialization Activity
	Modern Currency	Flowchart of Division of Labour Session -3
		 Describe Modern Currency Distinguish between traditional and modern currency
		Activity Make a PPT on the topic "Modern Currency "
3. KEY CHARACTERIS TICS OF MONEY	Medium of Exchange	 Session -1 Functions of money Meaning of Goods and Services Activity Make a collage of 5 items of goods and services each
	Standard of value or a Unit of Account	Session -2 • Explanation of Standard of value or a Unit of Account Activity • Role play - Buy/Sell few things to your class

UNIT	SUB-UNIT	SESSION/ ACTIVITY/ PRACTICAL
	Store of Value.	Session -3
		Key Roles of money
		Activity
		Identify the features of any five
		commodities . do they possess the
		characteristics of money.
4. WHAT IS	Goal Setting	Session -1
FINANCIAL		Setting a goal
PLANNING ?		Short term and Long Term goals
		Activity
		Plan the strategy to win a football match in
		your school.
	Analyze	Session -2
	information of	Meaning of Financial Planning Stand to achieve financial goals
	Financial Planning	Steps to achieve financial goals
		Activity
		Plan a vacation trip with your family
	Creating a plan	Session -3
		Difference between Needs and WantsExamples of Values
		Identify the time line to achieve goals
		a lacinary and anno to admove godio
		Activity
		Interactive lecture:
		Values and it's importance in life
5. WHAT IS	Income	Session -1
INCOME ?		Define Income
		Identify the sources of Income
		Activity
		Identify the allowances from the Mr. Ramesh's
		pay cheque given on pg no 33
	Measurement of	Session -2
	Income	Difference between Gross Income and Net
		Income
		Explain taxesAffect on Income after taxes and Deduction
		Activity
		Make a list of sources from where you get money
		(like Gifts, Pocket Money etc.)
6. WHAT ARE	Fixed Expenses	Session - 1
EXPENSES ?	Fixed Expenses	
L/II LINOLO :		Define Fixed Expenses Fixed Fi
		Examples of Fixed Expenses
		Activity
	<u></u>	List the daily expenses for a week of yourself.
	Variable Expenses	Session -2
		Define Variable Expenses
		Examples of Variable Expenses
		Cash Management
1		

UNIT	SUB-UNIT	SESSION/ ACTIVITY/ PRACTICAL
		Activity
		List your variable expenses .
	Building your own	Session -3
	budget	Meaning and importance of Budget
		Building your own budget
		PYF (Pay Yourself First)
		Activity
		Plan a budget for yourself if you are staying in a
		hostel, your father gives you Rs 10000 a month
		for all your expenses .
7. WHAT IS A	Banking	Session -1
BANK ?		Origin of Banking
		How to open a Bank Account ?
		Deposits and Withdrawal from Bank account
		Bank account holders' documents – Pass Book ;
		ATM Card ; Cheque Book
		Activity
		 Find MICR and IFSC of five banks from the
		websites
	Types of Bank	Session -2
	accounts and	Saving bank Account
	Services	Current Account
		Other services provided by Banks-Fixed
		Deposits , Recurring Deposits
		Electronic Banking
		Activity
		Visit to ATM and learn its functions.
8. WHY SAVE ?	Income Vs	Session – 1
	Saving	Meaning of Saving with examples
		Distinguish between Income and Disposable .
		Income
		Activity
	Interests	Identify the benefits of Savings
	Interests	Session -2
		Simple InterestCompound Interest
		Rule of 72
		Activity
		Practice through Scientific Calculator
		illustrations on simple Interest , compound
		Interest and rule of 72.
9. SETTING	Setting of a goal	Session-1
GOALS		Meaning and importance of Goal setting in life
		How to set a goal
		SMART goals Activity
		Activity Group discussion to form a particular Goal
	1	- Oroup discussion to form a particular Goal

UNIT	SUB-UNIT	SESSION/ ACTIVITY/ PRACTICAL
	Types of goals	Session -2 Types of goals Goal statement Achieving goals Activity Make a poster on SMART goals
10. SYSTEMATIC SAVINGS AND INVESTMENTS	Savings & Investment	Session-1 Meaning of Savings & Investment Difference between Savings & Investment Interest Coverage Ratio Activity Interpretation on the basis of Ratio Analysis Do Sums and Analysis
	Speculation Time Value of money	 Session -2 Evaluate the risk of speculation Time value of money Various methods to calculate interests in the financial markets SIP and its features Activity Find real examples of Time Value of money
11. MAKING OF BUDGET	Budgeting and its preparation	Session-1 • Meaning and importance of Budgeting • Tips to prepare a household budget Activity Your friend Mr. Ajay wishes to throw a party for his friends on his Birthday which falls six months later . He has saved Rs 500 from his pocket money every month , so that he can celebrate his birthday with Rs 3000.Plan a budget for him to throw a party.
	Analysis of Budget	Session-2 • Discretionary and Non- Discretionary Expenses Activity Discuss that how expenses overcome and mismanage the budget .

CLASS – X (SESSION 2023-2024) DETAILED CURRICULUM/TOPICS:

Part-A: EMPLOYABILITY SKILLS

S. No.	Units	Duration in Hours
1.	Unit 1: Communication Skills-II	13
2.	Unit 2: Self-management Skills-II	07
3.	Unit 3: Information and Communication Technology Skills-II	13
4.	Unit 4: Entrepreneurial Skills-II	10
5.	Unit 5: Green Skills-II	07
	TOTAL DURATION	50

The detailed curriculum/ topics to be covered under Part A: Employability Skills can be downloaded from CBSE website.

Part-B - SUBJECT SPECIFIC SKILLS (Class X)

S. No.	Units	Duration in Hours
1.	Unit 1: Investment Basics	5
2.	Unit 2: Securities	6
3.	Unit 3: Primary Market	15
4.	Unit 4 : Secondary Market	15
5.	Unit 5: Derivatives	6
6.	Unit 6: Depository	6
7.	Unit 7: Mutual Funds	10
8.	Unit 8: Miscellaneous	13
9.	Unit 9: Concepts & Modes of Analysis	13
10	Unit 10: Ratio Analysis	6
	TOTAL DURATION	95

UNIT	SUB-UNIT	SESSION/ ACTIVITY/ PRACTICAL
1. INVESTMENT BASICS	Saving Vs. Investment	Session-1 Meaning of Investment Terms related to the topic -Investment Options of Investment
		Activity Interactive lecture: By giving situation to calculate the return on investment. Find out the prevailing interest rates on Bank and Post Office Deposits
	Stock Exchange	Session -2 • Meaning of Stock Exchange • Introduction of the terms Equity , Debt Instrument , Derivative , Index Activity • Name of the Recognized Stock Exchange of India
	Mutual Funds	Session -3
2. SECURITIES	Securities Market	Session -1 • Meaning , Function and examples of Securities Activity • Live Trading/Watch Business Channels
	Regulators	Session -2 • Market Regulators and their functions • SEBI and its role Activity • Role Play of SEBI Representative
	Market Participants	Session -3 • Participants in the Securities • Role of Intermediary in the Securities Market Activity • Make a PPT on the topic "Securities Market "
3. PRIMARY MARKET	New Issue Market	Session -1 Role of Primary Market Explanation of a face value of a share, Debenture, Premium and Discount in a Security Market Activity Visit in Stock Exchange to collect Reports and IPO Forms
	Issue of Shares	 Session -2 Need for issue Different kinds of issue Difference between Public & Private Placement Introduction of the terms IPO ,Book building , Normal Public Issue , Cut off price , price Band Activity Learn how to apply for IPO

UNIT	SUB-UNIT	SESSION/ ACTIVITY/ PRACTICAL
	NSE & Foreign Capital Issuance	Session -3 • Role of Registrar • Facilities provided by NSE • Foreign Capital Issuance – ADR, GDR
		Activity Make a project on NSE
4. SECONDARY MARKET	Securities Market	 Session -1 Difference between Primary Market and Secondary Market Products in the Secondary Market Activity Visit to Stock Exchange and Broking Houses in the nearbyarea for interaction with broker ·
	Stock Exchange	Session -2 Identify Demutualize Stock Exchange of India Process of SBTS Activity Operations of Online/ Electronic Trading
	Trading	 Session -3 Equity Investment Debt Investment Calculate Brokerage Credit Rating Agencies Activity Interactive lecture: Pre-trading/ Post- trading Instructions Register Mock Portfolio on any website
5. DERIVATIVES	Futures and Options Market	Session -1 • Meaning of Derivatives and its types • Difference between future and options Activity • Risk and Return of Derivative Trading • Mock Trading Techniques of Derivatives
	Commodity	Session -2 Identify the features of Commodity Derivatives Distinguish between Commodity & Financial Derivatives Activity
6. DEPOSITORY	Holding of	 Risk and Returns of Commodity Trading Trading Techniques Basics of Commodity Market Session - 1
G. DEI GOITGIN	Securities	 Similarities between Bank and Depository Role of Depository Activity Benefits of Holding Electronic Shares Discussion on Physical Securities
	Ownership	 Session -2 Benefits of participation in Depository Meaning of DP , ISIN , Custodian Role of Custodians

UNIT	SUB-UNIT	SESSION/ ACTIVITY/ PRACTICAL
		Activity
		Make a poster showing benefits of participation
		in Depository
	Dematerialization	Session -3
	Bomatonanzation	Conversion of Physical to Electronic form to
		shares
		Demat Benefits
		Activity
		All steps of Demat
		Fill DRF
7. MUTUAL	Basics of Mutual	Session -1
FUNDS	Fund	Define MF
		Benefits of MF
		How to calculate NAV
		Procedure of NFO
		Activity
		Calculate Returns of the Schemes. Find the act and the standard of the Schemes.
	Active/Passive	Find best suited scheme for each student Session -2
	Fund	
	T dild	Tools and Techniques of Active and Passive Fund
		Activity
		Risk and Returns of MF
		Role plays portfolio manager
8. MISCELLA- NEOUS	Corporate Actions	Session – 1
	·	Meaning of Corporate Actions
		Types of Corporate Actions
		Explanation and calculation Of Dividend Yield
		Activity
		Why Company provide Corporate Benefits.
		Calculate all Corporate Benefits.
	Corporate Actions	Session -2
	&	Stock Split and Buyback of shares
	Index	• Index
		Activity
	OI : 0	Presentation on Nifty - 50
	Clearing & Settlement	Session-3
	Semement	Clearing & Settlement and Redressal Activity
		How NSCCL Eliminate the Risk of Counter Party
		Visit to clearing Dept. Of Exchange
	Post Market	Session-4
	Activities	Meaning of terms Ex- Dividend , No Delivery
		Period , Book Closure ,Record Date , Ex-Date • Investor Grievances Cell
		Activity
		Discuss the Arbitration Cases

UNIT	SUB-UNIT	SESSION/ ACTIVITY/ PRACTICAL
9. CONCEPTS &	Time Value of	Session-1
MODES OF	Money	Simple Interest
ANALYSIS		Compound Interest
		Effective Annual Return
		Activity
		Practice through Scientific Calculator
	Annual Report	Session -2
		Identify Income Statement Position Statement
		Fund Sources
		Activity
		Draw Income and Position Statement.
		 Frame the Procedure of Loan and its Requirements
	Accounting terms	Session-3
	and Technologies	Identify Secured and Unsecured Loans
		Net Gross Blocks
		P/L Statement
		Fund Applications
		Activity
		Financial Needs of the Companies
		Frame the Procedure of Loan and its Requirements
	Liquidity Ratio	Session -1
		Current Ratio Acid Test Ratio Turnover Ratio
		Average Collection Period
		Activity
		 Interpretation on the basis of Ratio Analysis
		Do Sums and Analysis
10. RATIO	Leverage/	Session-2
ANALYSIS	Capital Structure	Debt - Equity Ratio
		Debt - Total Asset Ratio
		Interest Coverage Ratio
		Activity
		Interpretation on the basis of Ratio Analysis
		Do Sums and Analysis
	Profitability Ratio	Session -3
		Gross Profit Ratio Not Berfit Partie
		Net Profit Ratio Deturn on total Asset
		Return on total Asset Return on Capital Employed
		Return on Capital EmployedReturn on Shareholder Equity
		Activity
		Interpretation on the Basis of Ratio Analysis
		Do Sums and Analysis
		Do Sums and Analysis