

As Per NEP 2020

University of Mumbai



Syllabus for Basket of Open Elective	
Board of Studies in Accounting and Finance	
UG First Year Programme	
Semester	I
Title of Paper	Credits 2
I) Open Elective in Accounting & Finance Paper II	
II) NA	
III) NA	
From the Academic Year	2024 - 25

Sr. No.	Heading	Particulars
1	Description of the course: Including but not limited to:	In today's dynamic financial landscape, individuals and organizations are constantly faced with the challenge of making investment decisions amidst uncertainties and risks. This course is designed to equip learners with the knowledge and tools necessary to navigate these challenges effectively. The need for this course stems from the increasing complexity of investment decisions and the inherent risks associated with financial markets. Whether one is an individual investor seeking to grow its wealth or a financial professional responsible for managing investment portfolios, understanding investment analysis and risk management is essential for success. Throughout this course, learners will delve into key concepts such as investment returns, types of risk, and risk measurement techniques. By understanding the relationship between risk and return, learners will learn how to make informed investment decisions that align with their financial objectives and risk tolerance.
2	Vertical:	Major/Minor/√ Open Elective /Skill Enhancement / Ability Enhancement/Indian Knowledge System.
3	Type:	Theory & Practical Illustrations
4	Credit:	2 credits
5	Hours Allotted:	30 Hours
6	Marks Allotted:	50 Marks

7	Course Objectives: 1. To comprehend the fundamentals of risk and return and various methods of calculating return on investment. 2. To analyze basic behavioral biases influencing investments, such as loss-aversion bias and herd mentality. 3. To learn about various risk measurement techniques, including sensitivity analysis and calculating risk-adjusted returns.
8	Course Outcomes 1. Learners will be able to understand and calculate different types of investment returns. 2. Learners will be able to identify various types of risks associated with investments and develop strategies to manage them. 3. Learners will be able to apply risk measurement techniques such as CAPM, sensitivity analysis, and risk-adjusted returns in investment analysis and decision-making.

9	Modules: -
	Module 1: Introduction to Risk and Return
	1. Concept of Return and Return on Investment. 2. Calculation of Simple, Annual and Compounded Returns. 3. Types of Risk: Inflation Risk, Interest Rate Risk, Business Risk, Market Risk, Credit Risk, Liquidity Risk, Call Risk, Re investment Risk, Political Risk and Country Risk. (Theoretical aspects only) 4. Basic Behavioral Biases Influencing Investments: Loss-aversion bias, Confirmation bias, Ownership bias, Gambler's fallacy, Winner's curse, Herd mentality, Anchoring and Projection bias. (Theoretical aspects only)
	Module 2: Risk Measurement
	1. Risk – Return Tradeoff. (Theoretical aspects only). 2. Capital Asset Pricing Model. (Theoretical & Practical aspects). 3. Risk Measurement: Measure of uncertainty, Measure of sensitivity, Measure of loss. 4. Concept of Market Risk (Beta) and Margin of Safety. 5. Sensitivity Analysis (Theoretical & Practical aspects). 6. Calculating risk adjusted returns: Jensen's Alpha, Sharpe Ratio & Treynor Ratio.

10	Textbooks: 1. The Essentials of Risk Management: Michel Crouhy, Dan Galai, Robert Mark: MC Graw Hill Education 2. A Practical Guide to Risk Management: Thomas S Koleman: Research Foundation of CFA Institute 3. Risk Management – Concepts and Guidance: Carl Pritchard's Press 4. IM Pandey, Financial Management
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11	Reference Books: 1. Khan & Jain, Financial Management 2. C. Paramasivan & T. Subramanian, Financial Management 3. Donald Fischer & Ronald Jordon, Security Analysis & Portfolio Management 4. Sudhindhra Bhatt, Security Analysis and Portfolio Management. 5. Quantitative Risk Management: A Practical Guide to Financial Risk- Thomas S. Coleman 6. Theory & Practice of Treasury Risk Management: M/s Taxman Publications Ltd.
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12	Internal Continuous Assessment: 40% i.e. 20 marks	Semester End Examination: 60% i.e 30 marks
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13	Continuous Evaluation through:		
		Assessment/ Evaluation	Marks
	1.	Class Test during the lectures. (Physical/ Online mode). (Short notes/ MCQ's/ Match the Pairs/ Answer in one sentence/ puzzles)	10
	2.	Participation in Workshop/ Conference/Seminar/ Case Study/Field Visit/ Certificate Course. (Physical/Online mode)	10
		TOTAL	20

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Format of Question Paper: for the final examination

Attempt any 2 out of 3 questions.

Question No	Questions	Marks
Q1	Practical/ Theory	15
Q2	Practical/ Theory	15
Q3	Practical/ Theory	15
	TOTAL	30

Note

	1. Equal Weightage is to be given to all the modules. 2. 15 marks question may be subdivided into 8 marks + 7 marks, 10 marks + 5 marks and 5 marks + 5 marks + 5 marks. Internal options may be given however it is not mandatory. 3. Use of simple calculator is allowed in the examination. 4. Wherever possible more importance is to be given to the practical problems.	
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Sign of the BOS
Dr. Arvindkumar
Shankarlal Luhar
Board of Studies:
B.Com (Accounting &
Finance)

Sign of the
Offg. Associate Dean
Dr. Ravikant Balkrishna
Sangurde
Faculty of Commerce

Sign of the
Offg. Associate Dean
Prin. Kishori Bhagat
Faculty of
Management

Sign of the
Offg. Dean
Prof. Kavita Laghate
Faculty of
Commerce &
Management