



Dr. V. N. Bedekar Institute of Management, Thane
Teaching Plan (MMS)
Academic Year (2019-2020)

Programme: MMS Semester: III Period: July'19 – Nov'19
Course Code: MMS-3-Fn-C-03
Name of the subject: Security Analysis & Portfolio Management

Maximum marks: 100 (60+40) No. of Sessions: 13 (3 hrs each)

Name of the Faculty: Prof. Siddhesh Soman
Mobile No: 9664360948 Email: ssoman@vpmthane.org

Program Outcomes (PO)	Course Outcomes (CO)
<ol style="list-style-type: none">1. Nurture leadership skills, team-membership skills and mutual trust.2. Demonstrate decision-making ability.3. Ability to develop culture of technology-usage.4. Inculcate social sensitivity among students.5. Integrate and apply business knowledge and management techniques for problem-solving / analytical skills.	<ol style="list-style-type: none">1. Analyse the factors affecting the prices of different assets and generating an optimum portfolio.2. Evaluate portfolios based on portfolio return-risk aspects & modern portfolio theory3. Application of analytical techniques to Predict price movements

Reference Books:

- R1.** Security Analysis & Portfolio Management, Fischer & Jordan
- R2.** Investment Analysis & Portfolio Management, Reilly & Brown
- R3.** CFA Institute (USA), Portfolio Management Curriculum

A. Plan:

<u>Session No.</u>	<u>Pl. Date</u>	<u>Topic</u>	<u>Ref. Study Material</u>	<u>Course Outcomes</u>
<u>1</u>		Introduction to Securities & Risk and return analysis (Problem solving)	R1 & R2	Evaluate risk & return of a security using mean & standard deviation, variance for observation based & Probability based models
<u>2</u>		Capital Market Theories (Theory + Problem solving)	R1	Analyse covariance, correlation & beta. Infer Systematic & unsystematic risk, introduction to CAPM equation.
<u>3</u>		CAPM in-depth & Understanding Graphs (Theory + Problem)	R2	Apply CAPM & expected return



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		solving)		calculation. Construct Efficient Frontier, Minimum Variance Portfolio, CAL, CML, characteristic line, Decision making using SML.
<u>4</u>		Portfolio Theory (Problem Solving)	R1 & R3	Assess portfolio risk & importance of correlation. Calculation of Portfolio return & portfolio beta
<u>5</u>		Excel session	NA	Apply excel to calculate Beta, CAPM, SML, Portfolio creation.
<u>6</u>		Internal Test +Efficient Market Hypothesis, Factor Models & Arbitrage Pricing Theory (Only theory No problem solving)	R2	Interpret Efficient Market Hypothesis, APT, Random Walk Theory
<u>7</u>		Investment Decision Theory (Problem solving)	R3	Comparing securities based on Sharpe, Treynor & Jensen's Alpha, M square, Coefficient of variation.
<u>8</u>		Indexing & Benchmarking (Only theory No problem solving)	R3	Index creation, Index funds, Calculation of Index values, Index investing, Benchmarking, Evaluation of portfolio
<u>9</u>		Equity Research & valuation (only basic overview no problem solving)	R1	Determine Components of equity research. Process of equity research. Industry analysis. Equity valuation: Absolute Valuation (Dividend & Cash flow based) & Relative valuation (Using Multiples)
<u>10</u>		Technical Analysis (Only basic overview No problem solving)	R1	Explanation of Line charts, Bar charts, candle stick charts, Trend lines, Dow Jones Theory,



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				Support-Resistance, Moving Averages, Bollinger bands, Ascending Descending Triangle, Double & Triple Top & bottom, Cup & handle, Head & Shoulders
11		Fixed Income Security Analysis (only basic overview No problem solving)	R3	Assess different fixed income instruments. Treasury, Corporate
12		Internal Test + Fixed Income Pricing (Problem solving)	R3	Interpret value of redeemable & irredeemable bond, calculating YTM, Trading at premium & discount, Yield curve & Interest rate movements, Investment grade, High yield
13		Presentation	NA	Develop practical application of theory

B. Practical Approach: Other activities

Sr. No.	Activity Name	Topic Covered	Learning outcomes	Source
1	Case study (current affairs)	CAPM, Equity Research, Yield curves,	Practical understanding	Moneycontrol.com, rbi.org
2	Academic Projects	Presentation on financial concepts	In-depth understanding of latest issues in finance world	NA
3	Group Discussion			
4	Role Play			
5	Industry Visit			
6	Business Quiz / Business News sharing	Every Session	Be in touch with all the latest happenings	Economic Times
7	Videos / Simulation			
8	Use of Software and Labs	Excel Sessions	Learn to calculate risk &	IT Lab



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			return measures using excel.	
9	Any other activity			

C. Innovative pedagogy adopted: 1) Ask students to bring every session at least one news article related to what we studied in class. So that they took interest in understanding the concepts theoretically as well learn the practical use of those concepts. 2) Ask students to prepare a virtual portfolio on moneycontrol & track it regularly 3) Show video clips for understanding complex financial concepts in an easier manner

Prepared by:
Faculty

Reviewed by:
Specialisation

Approved by:
ADC

Date:

Date:

Date:



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A. Execution:

<u>Session No.</u>	<u>Actual Date</u>	<u>Topic Covered</u>	<u>Attendance %</u>	<u>Evaluation Method</u>	<u>Case Study Ref.</u>	<u>Quiz Ref.</u>	<u>CR Sign</u>

B. Evaluation:

Component	Details	Marks
Presentations & Viva	Mandatory	5+5
Class Test (3 for MMS)	Mandatory (MCQ, Descriptive,. Etc)	20
Assignments / Others	Mandatory	5
Participation/Attendance	Mandatory	5
Final Exam	Mandatory	60

C. Student Performance Analysis:

<u>Avg. Attendance</u>	<u>Avg. Internal Marks</u>	<u>% Failed in Internals</u>	<u>Avg. Final Marks</u>	<u>% Failed in Final</u>	<u>No. of best students > 80%</u>	<u>No. of students needs improvement</u>



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D. Attainment:

	CO1	CO2	CO3		
PO1					
PO2					
PO3					

Comments / Suggestions / Recommendations:

Suggestions (if any) to students on subject related Certificate/Diploma or Add-on program: -

Signature of Faculty

Signature of the Co-ordinator / ADC