

S. No.	Course Code	Course Name	Course Type	Cd	L	T	P	Marks		
								Sessional	Final Exam	Total
3	BCMMJ-503	Investment Analysis and Portfolio Management	Major	4	4	0	0	40	60	100

Course Outcomes:

At the end of the course the student will be able to: -	
CO1	Analyze investment alternatives to evaluate risks and returns.
CO2	Evaluate portfolio using CAPM & the Efficient Market Hypothesis.
CO3	Apply valuation models to assess investment opportunities.
CO4	Examine bonds and derivatives to assess portfolio strategies.
CO5	Develop portfolio management strategies.

Detailed Syllabus**Section A**

Unit I: An overview of the investment process: Definition of investment, Investment alternatives, Attributes of investment, Investment avenues, Investment Vs Speculation, Portfolio management Process, Approaches to investment decision making, Measures of risk and return.

(10 Hrs)

Unit II: Modern Portfolio Theory: Portfolio return and risk, Measures of comovements of security returns, Efficient frontier, Optimal portfolio, Calculation of portfolio risk, The riskless lending and borrowing, The single index model, Efficient market hypothesis, Capital Assets Pricing Model (CAPM).

(10 Hrs)

Unit III: Industry Analysis and Valuation: The global economy, central government policy, Macroeconomic analysis, Industry analysis, Balance sheet valuation, Dividend discount model, Earning multiplier approach, Earning price ratio, Expected return and growth, Equity portfolio analysis.

(10 Hrs)**Section B**

Unit IV: Bonds and Derivatives: Bond characteristics, Prices, Yields, Risks, Ratings and types of bonds; Bond portfolio management; Active strategies, Passive strategies and immunization, Derivatives; future and forwards contracts; Options contracts.

(08 Hrs)

Unit V: Portfolio Management: Specification of Investment objectives, Selection of assets mix, Formulation of portfolio strategies, Selection of securities, Portfolio execution, Portfolio revision, Performance evaluation.

(10 Hrs)**Textbooks:**

S. No.	Name of the Books	Author	Publisher	Edition (Pub. Yr.)
1	Investment Analysis & Portfolio Management	Prasanna Chandra	Tata McGraw-Hill	6 th (2021)
2	Fundamentals of investments	Vanita Tripathi	Taxmann	6 th (2023)

Reference Book:

S. No.	Name of the Books	Author	Publisher	Edition (Pub. Yr.)
1	Security Analysis and Portfolio Management	Vanita Tripathi	Taxman	1 st (2019)