



Kot Bhalwal, Jammu



Model Institute of Engineering
& Technology (Autonomous)
Course Handout

COURSE HANDOUT

INVESTMENT ANALYSIS AND PORTFOLIO MANAGEMENT (BCMMJ-503)

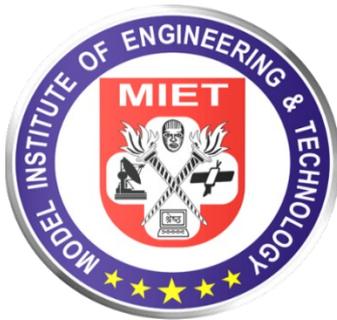
B.COM (H) – 5th Semester

ACADEMIC YEAR (2024-2025)

Ms. Paramdeep Kour

Assistant Professor

UG-School of Management



UG-School of Management

Model Institute of Engineering and Technology (Autonomous)

Kot Bhalwal, Jammu-181122

www.mietjammu.in



Dr. Arun K. Gupta Teaching-Learning Centre

Version 1.1



Please Do Not Print Unless Necessary

Course Outcomes:

Course Code	Course Name	Course Type	Cd	L	T	P	Marks		
							Sessional	Final Exam	Max. Marks
BCMMJ-503	Investment Analysis and Portfolio Management	Major	4	4	0	0	40	60	100

At the end of the course the student will be able to:

CO1	Analyze investment alternatives to evaluate risks and returns.
CO2	Evaluate portfolio risk and return using CAPM and the Efficient Market Hypothesis.
CO3	Apply valuation models to assess investment opportunities.
CO4	Analyze bond and derivative characteristics and evaluate portfolio strategies.
CO5	Develop and implement portfolio management strategies.

Detailed Syllabus

Course Code	Course Name	Course Type	Cd	L	T	P	Marks		
							Sessional	Final Exam	Total
BCMMJ-503	Investment Analysis and Portfolio Management	Major	4	4	0	0	40	60	100

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 components 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 Securities Analysis: 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.

(09 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.

(09 Hrs.)

Textbooks

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


Reference Books

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

COURSE PLAN
Unit- 1 An Overview of the Investment Process

S. No.	Content	Recommended Books
1	Definition of investment, Investment alternatives	Book 1, Ch. 1
2	Attributes of investment	Book 1, Ch. 1
3	Investment avenues	Book 1, Ch. 1
4	Investment Vs Speculation	Book 1, Ch. 1
5	Portfolio management Process	Book 1, Ch. 1
6	Approaches to investment decision making	Book 1, Ch. 1
7	Measures of risk and return	Book 1, Ch.5

Unit-2 Modern Portfolio Theory

8	Portfolio return and risk	Book 1, Ch. 8
9	Measures of components of security returns	Book 1, Ch. 8
10	Efficient frontier	Book 1, Ch. 8
11	Optimal portfolio	Book 1, Ch. 8
12	Calculation of portfolio risk	Book 1, Ch. 8
13	The riskless lending and borrowing	Book 1, Ch. 8
14	The single index model	Book 1, Ch. 8
15	Efficient market hypothesis	Book 1, Ch. 10
16	Capital Assets Pricing Model (CAPM).	Book 1, Ch. 9

Unit-3 Industry Analysis and Valuation

17	The global economy, Central Government Policy,	Book 1, Ch. 15
18	Macroeconomic analysis	Book 1, Ch. 15
19	Industry analysis	Book 1, Ch. 15



20	Balance sheet valuation	Book 1, Ch.14
21	Dividend discount model	Book 1, Ch. 14
22	Earning multiplier approach	Book 1, Ch. 14
23	Earning price ratio	Book 1, Ch. 14
24	Equity portfolio analysis.	Book 1, Ch. 14
Unit-4 Bonds and Derivatives		
25	Bond characteristics	Book 1, Ch.12
26	Bond Prices	Book 1, Ch.12
27	Yields	Book 1, Ch.12
28	Risks	Book 1, Ch.12
29	Ratings and types of bonds	Book 1, Ch.12
30	Bond portfolio management; Active strategies	Book 1, Ch.13
31	Earning price ratio	Book 1, Ch.14
32	Immunization	Book 1, Ch.13
33	Derivatives; future contracts	Book 1, Ch.19
34	Forwards contracts	Book 1, Ch.19
35	Options contracts	Book 1, Ch.18
Unit-5 Portfolio Management		
24	Preparation of balance sheet of banks	Book 1, Ch. 14
25	Specification of Investment objectives	Book 1, Ch.20
26	Selection of assets mix	Book 1, Ch.20
27	Formulation of portfolio strategies	Book 1, Ch.20
28	Selection of securities	Book 1, Ch.20
29	Portfolio execution	Book 1, Ch.20
30	Portfolio revision	Book 1, Ch.20
31	Performance evaluation	Book 1, Ch.20



ADDITIONAL WEB RESOURCES

1.	Class central: https://www.classcentral.com/course/swayam-security-analysis-portfolio-management-43656 Course era: https://www.coursera.org/specializations/investment-portfolio-management
2.	NPTEL: Videos on Security Analysis and Portfolio Management https://www.youtube.com/watch?v=ope5Y3Mrsaw&t=2s

GRADING AND ASSESSMENT

- **Sessional Test:** 20 marks
- **Assignment:** 10 Marks
- **Attendance:** 10 Marks
- **Final Examination:** 60 Marks

COURSE POLICIES

- **Attendance:** Minimum 75% of attendance is mandatory to appear in the final examination of the course.
- **Academic Integrity:** MIET's academic integrity policies apply. Plagiarism will not be tolerated.
- **Late Submission:** Assignments and projects must be submitted by the specified timeline.

FACULTY INFORMATION

- **Office Hours**
Monday (2:35PM-3:35PM)
Friday (2:35PM-3:35PM)

- **Contact Information**

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