

COURSE TITLE	INVESTMENT MANAGEMENT
COURSE CODE	04BC0426
COURSE CREDITS	4

Objective:

- 1 NA

Course Outcomes: After completion of this course, student will be able to:

- 1 Explain key investment concepts, including types of assets, investment alternatives, and the stages of the investment process.
- 2 Calculate and interpret risk and return measures, including beta, and evaluate portfolio risk and return using historical and expected data.
- 3 Differentiate between fundamental and technical analysis techniques and analyze investment opportunities using EIC framework and charting tools.
- 4 Apply modern portfolio theories such as the Markowitz Model and CAPM to construct efficient portfolios
- 5 Evaluate portfolio performance using financial ratios and formulate strategies for portfolio revision and management

Pre-requisite of course:NA

Teaching and Examination Scheme

Theory Hours	Tutorial Hours	Practical Hours	ESE	IA	CSE	Viva	Term Work
4	0	0	50	30	20	0	0

Contents : Unit	Topics	Contact Hours
1	Investment Fundamentals: Introduction, Investment and Speculation, Investment and Gambling, Investment and Arbitrage, Real and Financial Assets, Importance of Investments, Factors favorable for Investment, Investment Alternatives/Media, The Investment Process - Stages in Investment.	10
2	Risk and Return: Meaning of risk and return, Investor's Attitude towards Return and Risk (Risk appetite), Types of Risk — Systematic and Unsystematic, Measurement of Risk, Beta as a Measure of Risk, Calculating Historic and Expected risk Return: Measurement of Return, Calculating Historic and Expected return Portfolio Risk and Return.	15

Contents : Unit	Topics	Contact Hours
3	Fundamental and Technical Analysis: Fundamental Analysis - EIC frame work, Economic analysis – Variable tracked industry analysis -variable tracked – company analysis – Example of E-I-C Technical Analysis - Meaning, Importance, Importance of timing, Basic tenets of technical analysis, Dow Theory, Types of charts.	15
4	Portfolio Theories Markowitz Model, Modern Portfolio Theory, Capital Asset Pricing Model and Efficient Market Hypothesis	8
5	Portfolio Management -Construction, Evaluation and Revision Portfolio Construction - Constructing Optimal Portfolio Using Markowitz Portfolio Construction – Efficient Frontier, and Minimum Variance Portfolio, Sharpe’s Single Index Model, Portfolio Performance Evaluation - Sharpe, Treynor’s, Jensen’s Ratio, Shortino ratio and their calculations, Portfolio Revision and Management Strategies – Constant Rupee Plan, Constant Ratio Plan and Rupee-cost Averaging.	12
Total Hours		60

Textbook :

- 1 Investment Analysis and Portfolio Management, Prasanna Chandra, McGraw-Hill , 2021
- 2 Essentials of Investments, Zvi Bodie, Alex Kane and Alan J Marcus , McGraw Hill, 2024

References:

- 1 Security Analysis and Portfolio Management, Security Analysis and Portfolio Management, Donald, E. Fischer, Ronald, J. Jordan, Ashwini, K. Pradhan , Pearson, 2018
- 2 Security Analysis, Security Analysis, Benjamin Graham and David Dodd , McGraw-Hill Education, 2024

Suggested Theory Distribution:

The suggested theory distribution as per Bloom’s taxonomy is as follows. This distribution serves as guidelines for teachers and students to achieve effective teaching-learning process

Distribution of Theory for course delivery and evaluation					
Remember / Knowledge	Understand	Apply	Analyze	Evaluate	Higher order Thinking / Creative
0.00	25.00	25.00	30.00	10.00	10.00

Instructional Method:

- 1 NA

Supplementary Resources:

- 1 <https://josephcollege.ac.in/lms/Uploads/pdf/material/IAPM.pdf>