

Name of the course	Investment Analysis and Portfolio Management
Course Code	423
Semester	VI
Credit Hours	3
Prerequisite	-
Learning outcomes	<p>On completion of this course, the students will be able to:</p> <ol style="list-style-type: none"> 1. Understand why return and risk are two critical components of investment decision making. 2. Know the scope of investment decisions and operating environment. Adopt investments as a profession.
Contents	<p>Unit-1 An Overall Perspective on Investment</p> <ol style="list-style-type: none"> 1.1 Meaning of investment 1.2 Characteristics of investment 1.3 investment vs speculation 1.4 Types of investors 1.5 Establishing a Framework for Investing 1.6 Importance of Studying of investing 1.7 A prospective for investing in financial assets 1.8 Understanding the investment decision, return and risk trade-off, rationale decision making on investment <p>Unit-2 Direct Investment</p> <ol style="list-style-type: none"> 2.1 Non-marketable financial assets 2.2 Money market securities 2.3 Capital market securities 2.4 Fixed income securities 2.5 Equity securities <p>Unit-3 Indirect Investing</p> <ol style="list-style-type: none"> 3.1 What is investment companies 3.2 Individual vs institutional investors 3.3 Closed ended investment companies 3.4 Exchange traded funds 3.5 Types of mutual funds <p>Unit-4 Risk</p> <ol style="list-style-type: none"> 4.1 Meaning of risk, 4.2 Elements of Risk 4.3 Measurement of Risk <p>Unit-5 Fundamental analysis</p> <ol style="list-style-type: none"> 5.1 Fundamental analysis 5.2 Economy-Industry-Company analysis framework

	<p>5.3 Economic analysis</p> <p>5.4 Economic Forecasting</p> <p>5.5 Country Risk Analysis</p> <p>5.6 Market indicators</p> <p>Unit-6 Efficient Market theory</p> <p>6.1 Efficient Market theory</p> <p>6.2 The efficient market hypothesis</p> <p>6.3 Forms of efficient market</p> <p>Unit-7 Portfolio and Capital Market Theory</p> <p>7.1 Components of returns, calculation of total return, return relative, cumulative wealth index, statistics for return Plus Exercise numerical</p> <p>7.2 Modern Portfolio theory (MPT), significance contribution of MPT, Calculation of risk using probability distribution, calculating expected return for a security</p> <p>7.3 Calculating risk for a security, portfolio expected return, portfolio risk, Risk reduction, diversification, Calculation of correlation coefficient</p> <p>7.4 Calculation of covariance, importance of covariance, calculation of variance-covariance matrix, two security case, more than two security case</p> <p>Unit-8 Portfolio Analysis</p> <p>8.1 Portfolio Analysis</p> <p>8.2 Expected return of a portfolio</p> <p>8.3 Reduction of portfolio risk through diversification</p> <p>8.4 Feasible set of Portfolios, Selection of optimal portfolio, Limitation of MPT</p> <p>Unit-9 Capital Asset Pricing Model (CAMP)</p> <p>9.1 Understanding about Capital Asset Pricing Model (CAMP)</p> <p>9.2 Assumptions of CAMP</p> <p>9.3 Constructions of efficient frontiers with riskless lending and borrowing</p> <p>9.4 Capital Market line</p> <p>9.5 Security Market line</p> <p>Unit-10 Portfolio Revision</p> <p>10.1 Portfolio Revision</p> <p>10.2 Need for revision</p> <p>10.3 Meanings of revision</p> <p>10.4 Constrains in portfolio revision</p> <p>Unit-11 Portfolio Evaluation</p> <p>11.1 Portfolio Evaluation</p> <p>11.2 Need for Evaluation</p> <p>11.3 Differential Returns</p>
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Teaching & Learning Strategies	A combination of lecturing, presentations, and discussions will be used to conduct the course. Students will be expected to read extensively ahead of each class session and actively participate in discussions and practical work.
Assignment	Written assignment (10 marks), presentation (5 marks) and Quiz (10 marks)
Suggested Readings	Bernstein, W. J. (2010). <i>The four pillars of investing: Lessons for building a winning portfolio</i> . McGraw Hill. Jones, C. P. (2016). <i>Investments: Principles and concepts</i> (12 th ed.). John Wiley. Kevin, S. (2006). <i>Portfolio management</i> . PHI Learning Pvt. Ltd. Kevin, S. (2015). <i>Security analysis and portfolio management</i> . PHI Learning Pvt. Ltd.

Assessment and Examinations

Sr. #	Elements	Weightage	Details
1	Midterm Assessment	35%	Written test (at the mid-point of the semester)
2	Formative Assessment	25%	Assignment, presentation and quiz
3	Final Assessment	40%	Written test (at the end of the semester)