

MBA 312: SECURITY ANALYSIS & PORTFOLIO MANAGEMENT

| Teaching Scheme | Examination Scheme |
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| Lectures: 4 hrs./Week Tutorials: 1 hrs./Week Credits: 4 | Class Test -12Marks Teachers Assessment - 6Marks Attendance – 12 Marks End Semester Exam – 70 marks |

Course Objective

- To providing an in-depth knowledge of the theory and practice of portfolio management.
- To understand Important theories, techniques, regulations and certain advancements in investment

HOURS: 40

UNIT I (6 Hours): Nature and scope of investment decision, Investment & speculation, type of investment, investment opportunities, Risk & Return in Investment, risk return trade off; Investment process

UNIT II (12 Hours): Equity Analysis & Valuation: General valuation framework, Time value of money, discounting & compounding, valuation of equity & preference shares different models, equity analysis, Risk and Return (mean variance criterion, Single Index Model), Fundamental Analysis, Technical Analysis, Efficient Market Hypothesis & its implications to investors.

UNIT III (12 Hours): Valuation of Bonds, Mutual Funds and Financial Derivatives
Bond Analysis Bonds: Characteristics, valuation, risk & return, Bond Price & interest rate relationship, bond theorems, Bond duration and immunization,

Valuation of derivatives- Meaning and definition of derivatives, valuation and pricing of Future, valuation of option using Binomial and Black Scholes model. Valuation of Mutual fund- Types of mutual fund, various mutual fund schemes and calculation of NAV and Expense ratio

UNIT IV (10 Hours): Portfolio Management: Nature and Scope, Traditional Vs Modern Portfolio Management, Portfolio Risk and Return –Diversification & Portfolio Risk, Portfolio Analysis, Portfolio Selection and Portfolio Theories – Markowitz Model and Capital Assets Pricing Model. Portfolio Revision and Performance Evaluation of Managed Portfolios-Sharp Ratio; Treynor Ratio; Jensen's Alpha.

Suggested Readings:

1. Sudhindra Bhat, Security Analysis And Portfolio Management, Excel Books
2. Fischer And Jordan; Security Analysis And Portfolio Management; Prentice-Hall
3. Prasanna Chandra; Investment Analysis And Portfolio Management; McGraw Hill
4. Alexander & Bailey, Fundamentals Of Investments, PIII

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