MBPC3005 SECURITY ANALYSIS & PORTFOLIO MANAGEMENT (3-0-0)

Course Objectives:

1. Comprehend the investment scenario, including investment objectives, alternatives, and basics of stock market operations.
2. Analyze risk and return on investment, including total risk factors, historical and expected returns, and systematic versus unsystematic risk.
3. Understand portfolio analysis and selection methods, such as the Markowitz Model, Sharpe's Single Index model, and CAPM, for optimal portfolio construction.
4. Explore fundamental and technical analysis techniques, efficient market hypothesis, and portfolio management strategies for effective investment decision-making.

Module-I:

Investment:Investment Scenario: Concept of investment, investment objectives and constraints, Investment alternatives, Basics of Stock Market Operations, Concept of Index and methodology; Risk & Return on investment: total risk and its factors-concept and components of total risk-security returns: measuring historical and ex ante (expected) returns, systematic and unsystematic risk

Module-II

Portfolio Analysis and Selection: Risk and Return on a portfolio, Markowitz Model for portfolio selection, feasible set portfolios, efficient set, selection of optional portfolio. Sharpe's Single Index model, Alpha, Beta, Efficient frontier with risk free lending and borrowing. CAPM, pricing of securities with CAPM, Arbitrage pricing theory.

Module-III:

Fundamental and Technical Analysis and evaluation: Economic, Industry and Company Analysis, Technical Analysis, Charting tools, Volume and price trends, technical indicators, Efficient Market Hypothesis, Performance Evaluation of portfolio, Portfolio management strategies.

Course Outcomes:

CO-1: Identify the investment opportunities and the nature of investment decisions.
CO-2: Design optimal portfolio and evaluate them using models.
CO-3: Apply precise modules to securities performance and forecasting.
CO-4: Outline and examine the relational and exploratory methods and influences considered by technical analysts.

Books:

- Security Analysis & Portfolio Management, S.Kevin, PHI
- Investments, Bodie, Kane Marcus and Mohanty, McGraw Hill
- Security Analysis & Portfolio Management, P Singh, HPH
- Security Analysis & Portfolio Management, A P Dash, IK International, New Delhi