

## Investment Analysis and Portfolio Management

- **Objectives of Investment Decisions**

Introduction; Types of Investors; Constraints; Goals of Investors.

- **Financial Markets**

Introduction, Primary and Secondary Markets; Trading in Secondary Markets; Money Market; Repos and Reverse Repos; Bond Market; Common Stocks."

- **Fixed Income Securities**

Introduction-Time Value of Money; Simple and Compound Interest Rates; Real and Nominal Interest Rates; Bond Pricing Fundamentals; Bond Yields; Interest Rates; Macaulay Duration and Modified Duration

- **Capital Market Efficiency**

Introduction; Market Efficiency; Departures from the EMH

- **Financial Analysis and Valuation**

Introduction; Analysis of Financial Statements; Financial Ratios (Return, Operating and Profitability Ratios); Valuation of Common Stocks; Technical Analysis."

- **Modern Portfolio theory**

Introduction; Diversification and Portfolio Risks; Equilibrium Models The CAPM Multifactor Models; The Arbitrage Pricing Theory.

- **Valuation of Derivatives**

Introduction; Forwards and Futures; Call and Put Pricing; Black- Scholes Formula

- **Investment Management**

Introduction; Investment Companies; Active vs. Passive Portfolio Management; Cost of Management –Entry/Exit Loads Fees; Net Asset Value ; Classification of Funds ; Other investment companies; Performance assessment of managed funds