

## 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 Options; Forward and Future Pricing , Option Pricing Black-Scholes formula
- **Investment Management**  
Introduction; Investment Companies; Active vs. Passive Portfolio Management; Cost of Management - Entry/Exit Loads and Fees; Net Asset Value; Classification of Funds; Other Investment Companies; Performance Assessment of Managed Funds