Programme	:	**Master of Commerce [M.Com]**
Course Code	:	**COM-506**
Course Title	:	**Security Analysis & Portfolio Management**
Number of Credits	:	**4**
Effective from AY	:	**2022 – 2023**

Pre-requisites for the Course:
Nil
Objectives of the Course:
The following are the main objectives of the course - 1. To enable students to understand the analysis of Return and Risk of Securities. 2. To enable students to analyze the Equity and Debt of companies. 3. To enable students to study and select a Portfolio. 4. To enable students to evaluate Portfolio performance and revise the portfolios.

Course Content		
Unit 1	**Introduction to Security Analysis**	**15 Hours**
Introduction to Investments-Objectives-Avenues-Investment v/s Speculation- Investment v/s Gambling-Process of Portfolio Management-Approaches to Investment Decision. Risk and Return Analysis - Security return and risk – Systematic and Unsystematic Risk – Sources of Risk - Measurement of Risk and Return- Risk and Return analysis (Including problems) - Fundamental Analysis: Meaning – Objectives – Economy Analysis – Economic Forecasting –Forecasting Techniques – Industry Analysis – Industry Life Cycle – Company Analysis – Operating Analysis – Management Analysis – Financial Analysis - Technical Analysis: Meaning – Assumption of Technical Analysis – Dow Theory – Trends and Trend Reversal –Oscillators – Relative Strength Index – Charting – Types of Price Charts – Price Patterns – Other Technical Indicators		
Unit 2	**Equity and Debt Valuation and Analysis**	**15 Hours**
Valuation of Equity: Share valuation Model – Dividend Discount Model - One Year Holding Period –- Multiple Year Holding Period – Constant Growth Model – Multiple Growth Model – Multiplier Approach to Share Valuation (Including problems) - Valuation of Debt: Issuers of debt securities- Features of debt securities- Types of bonds - Current Yield- Discounted cash flow approach- Yield to maturity- Relationship between bond price and its yield to maturity- Yield Curve (Including problems)		
Unit 3	**Portfolio Analysis and Selection**	**20 Hours**
Meaning of portfolio management – Portfolio Management Process - Objectives of Portfolio - Traditional and Modern Portfolio Theories - Feasible Set of Portfolios – Efficient Frontier – Optimal Portfolios – Corner Portfolios - Return on Portfolio – Risk on Portfolio – Diversification of Portfolio - Efficient Frontier – Minimum Variance Analysis - Portfolio theory - Markowitz Model - Sharpe's single index model – Capital Asset Pricing Model - Arbitrage Pricing Theory, Fama-Fench Three Factor Model, (Including problems)		
Unit 4	**Portfolio Performance Evaluation and Revision**	**10 Hours**
Portfolio Performance Evaluation - Need – Meaning – Risk-Adjusted Returns – Performance Evaluation Ratios – Sharpe's Ratio – Treynor's Ratio – Jenson Ratio-M^2 Measure of Performance-Fama's Net Selectivity-Information Ratio-Sortino's Ratio – Portfolio Revision - Need for Revision – Meaning – Constraints –Portfolio Revision strategies – Formula Plans – Constant Rupee Value Plan – Constant Ratio Plan – Dollar Cost Averaging. (Including problems)		

Pedagogy:
Lectures / classroom discussion / presentation / case studies / group project / assignment or a combination of some of these. The sessions shall be interactive to enable peer group learning. Practical problems may be solved using available open source software.
Reference / Readings:
1. Chandra, P. ***Investment Analysis and Portfolio Management***. McGraw-Hill Education, 6th Edition, 2021 2. Fischer, D. E. & Jordan, R. J. ***Security Analysis and Portfolio Management***, Pearson Education India, 7th Edition, 2018 3. Graham, N., & Dodd, D. L. ***Security Analysis***. McGraw-Hill Education, 6th Edition, 2017 4. Punithavathy, P. ***Security Analysis and Portfolio Management*** (Second Edition). Vikas Publishing House, 2nd Edition, 2012 5. Ranganatham and Madhumathi, M. ***Investment Analysis and Portfolio Management***. Pearson Education India, 2nd Edition, 2012 6. Reilly, F. K., & Brown, K. C. ***Analysis of Investment and Management of Portfolios***. Cengage Learning, 9th Edition, 2012 7. Shalini Talwar, ***Security Analysis and Portfolio Management***, Cengage Learning, 1st Edition, 2016
Online Resources:
1. e-PG Pathshala – Commerce – Security Analysis and Portfolio Management https://epgp.inflibnet.ac.in/Home/ViewSubject?catid=6 2. ICAI – Security Analysis https://resource.cdn.icai.org/57041bos46238cp3.pdf 3. ICAI – Portfolio Management https://resource.cdn.icai.org/57043bos46238cp5.pdf 4. ICSI – Financial and Strategic Management https://www.icsi.edu/media/webmodules/Final_FSM_Book_DecSession.pdf
Course Outcomes :
Upon completion of this course, students will be able to: **CO1: Perform** Return and Risk analysis of Companies. **CO2: Analyse** the Equity and Debt of companies. **CO3: Analyse** and **Select** a Portfolio. **CO4: Evaluate** Portfolio Performance and **Revise** the Portfolios.