Course Code	Course Title	L	T	P	C
OLMBA610	Security Analysis and Portfolio Management	3	1	0	4
Pre-requisite	NIL	Syllabus version			
		1.0			

Course Objectives:

1. Understand the relationship between risk and return in security and assimilate the portfolio theories to design the optimal portfolio.
2. Evaluate the performance of the constructed portfolio and to revise if needed.
3. Comprehend the portfolio and capital market theories and apply.
4. To formulate the optimal portfolio based on the investor constraints.

Course Outcomes:

1. Understand the meaning of Investments and the characteristic features of various Investment instruments.
2. Understand the different types of risks and its impact in valuation of securities.
3. Apply the quantitative technical indicators to take trading decisions.
4. Visualize the meaning and types of efficient capital market.

Module:1	Nature & Scope of Investments	

Investment — Investment versus Speculation — Objectives of investment— Meaning of Portfolio — Meaning of Portfolio management — Portfolio Management Process— Approaches to Investment Decision making.

Module:2	Investment Alternatives	

Investment Options & Attributes Characteristics features of financial instruments, Types of financial assets & Instruments, Various investments - Company Shares, Debentures, Bonds, Mutual funds, fixed deposits, gilt- edged securities, Futures & Options, post office schemes, company & PPF, UTI, LIC, Real Estate.

Module:3	Risk and Return	

Concept of total risk, factors contributing to total risk: default risk, interest rate risk, market risk, management risk, purchasing power risk, systematic and unsystematic risk. Bond and fixed income instruments valuation – valuation of equity and preference shares.

Module:4	Fundamental and Technical Analysis	

Concept of intrinsic value. Objectives and beliefs of fundamental analysts. Economy-Industry- Company framework, Economic analysis and forecasting.
Technical analysis: Points and figures chart, bar chart, RSA, RSI, Moving average analysis -Capital allocation between risky and risk-free assets-Utility analysis.

Module:5	Efficient Market Hypothesis	

Random Walk and Search for Theory — What is an Efficient Market? — Empirical Evidence on Weak Form — Empirical Evidence on Semi-strong — Efficient Market Hypothesis.

Module:6	Portfolio and Capital Market Theory	

Markowitz portfolio theory. Risk and risk aversion. Efficient Frontier and Utility. Capital Market Theory – Capital Market Line (CML) & Separation Theorem, Market Portfolio, Security Market Line (SML) Capital Asset Pricing Models - CAPM and Arbitrage pricing theories.

Module:7	Portfolio Performance Evaluation	

Passive Vs Active management - Passive strategies and active strategies of Portfolio Management. Asset Allocation Strategies. Portfolio Evaluation Measures – Sharpe ratio, Treynor ratio and Jensen's Alpha. Portfolio monitoring and revision.			
	Total Hours		**120 Hrs.**
Text Book(s)			
1.	Prasanna Chandra, (2017), Investment Analysis and Portfolio Management,5th edition, McGraw Hill		
2.	Frank K. Reilly, Keith C. Brown, (2012), Investment Analysis and Portfolio Management, 10th Edition, Cengage Learning.		
Reference Books			
1.	ZviBodie, Alex Kane, Alan Marcus, Pitabas Mohanty, (2017), Investments, 10thedition, McGraw-Hill.		
2.	Shalini Talwar, (2016), Security Analysis and Portfolio Management, Cengage Learning.		
3.	Dhanesh kumar Khatri, (2012), Investment management and Security analysis – Text and cases, 2ndedition, Trinity Press.		
4.	M. Ranganatham, R. Madhumathi, (2011), Security Analysis and Portfolio Management, 2nd edition, Pearson Education.		
Mode of Evaluation: Quiz/ Assignment/CAT/FAT			
Recommended by Board of Studies	02-11-2023		
Approved by Academic Council	No. 72	Date:	13-12-2023