

St. Joseph's College of Commerce (Autonomous)
#163, Brigade Road, Bangalore - 560 025

LESSON PLAN

UG DEPARTMENT

FINANCE ELECTIVE - PAPER - IV

IV SEMESTER - B.COM & BBA

EL 15 FN 606: SECURITY ANALYSIS & PORTFOLIO MANAGEMENT

Objective: To familiarize the students with various crucial factors to be considered while managing finance of a concern. To understand Financial Markets, instruments and its risks and working, to working with various stock portfolio constructions, to expose students towards various financial analyses.

Lesson Plan - Module Wise

Lecture Hours: 60

UNIT/ SESSION/ HOURS	TOPICS FOR STUDENT PREPARATION (INPUT)	PROCEDURE (PROCESS)	LEARNING OUTCOME (OUTPUT)	ASSESSME NT
Module - 1 : Introduction - Portfolio Mgt. 6 hrs.	Meaning and Significance of Savings and Investment - Financial and Economic Meaning of Investment - Investment vs. Speculation and Gambling - Hedging - Arbitrage - Portfolio Management Process	Interactive discussion with illustrations	Students should be able to understand the basics of investments	Evaluation through presentations and test
Module-2: Introduction - Security Analysis 8 hrs.	Characteristics of Investments - Factors affecting Investment Decisions - Various Investment Avenues (spl. reference to tax benefits, returns & risk)	Interactive discussion with illustrations	To be able to understand the various investment opportunities along with their features like tax benefits and risks	Evaluation through presentations and test

	- Security Analysis - Selection of Securities using Life Cycle Approach			
Module-3: Fundamental Analysis and Security Valuation 14 hrs.	Fundamental Analysis - Return and Risk analysis using Mean, Standard Deviation, Coefficient of Variation and Beta - Factors influencing Valuation of Securities - Pricing of Stock - Yield Calculations of Fixed Income Securities	Explain with illustration and problems	To be able to work out problems in these topics	Evaluation through presentations and test
Module-4: Technical Analysis and Related Theories 12 hrs.	Technical Analysis - Dow Theory - Elliot Wave Theory - Technical Indicators - Efficient Market Hypothesis - Random Walk Theory	Interactive discussion with illustrations with illustrations	To be able to use Technical Analysis on prices of stocks and understand some basic capital market theories	Evaluation through test
Module-5: Portfolio Construction 12 hrs.	CAPM, APT, Construction of Portfolio using Markowitz and Sharpe's Model	Explain with illustration and problems	To be able to solve problems in these topics	Evaluation through test
Module - 6 Portfolio Evaluation & Revision 8 hrs.	Meaning of Portfolio Evaluation - Sharpe's, Treynor's & Jensen's Performance Indices - Meaning & Need for Portfolio Revision -Revision Strategies	Explain with illustration and problems	To be able to solve problems in these topics	Evaluation through test

LESSON PLAN (Topic wise)

LECTURE HOURS: 60

Module No.	Topics	No. of Lecture Hours	Methodology/ Instructional techniques	Evaluation/ learning confirmation
1	Introduction - Portfolio Management	6		Presentations/ Test
	Discussion of Syllabus, Assignments and Presentations	1		
	Meaning and Significance of Savings and Investment - Financial and Economic Meaning of Investment	1	Lecture and Discussion	
	Investment vs. Speculation and Gambling - Hedging - Arbitrage - meaning of Security - Security Analysis	1	Lecture and Discussion	
	Portfolio Management Process	1	Lecture and Discussion	
	Students' Presentations	2	Activity	
2	Introduction - Security Analysis	8		Presentation/ Test
	Characteristics of Investments - Factors affecting Investment Decisions	1	Lecture and Discussion	
	Various Investment Avenues	2	Discussion	
	Selection of Securities using Life Cycle and Income Approaches	2	Lecture and Discussion	
	Construction of Portfolio of Securities	1	Activity	
	Analysis of Systematic and Unsystematic Risks	2	Lecture and Discussion	
	Students' Presentations	2	Activity	

3	Fundamental Analysis and Security Valuation	14		Presentations Test
	Fundamental Analysis	2	Lecture and Discussion	
	Case-Study on Fundamental Analysis	1	Activity	
	Return and Risk analysis using Mean, Standard Deviation, Coefficient of Variation and Beta	5	Illustrations and Problems	
	Factors influencing Valuation of Securities - Pricing of Stock	5	Illustrations and Problems	
	Yield Calculations of Fixed Income Securities	3	Illustrations and Problems	
	Students' Presentations	2	Activity	
4	Technical Analysis and Related Theories	12		
	Technical Analysis	5	Chart analysis	
	Dow Theory	2	Chart analysis	
	Elliot Wave Theory - Technical Indicators	2	Lecture and Discussion	
	Efficient Market Hypothesis - Random Walk Theory	1	Lecture and Discussion	
	Students' Presentations - 3 groups	2	Activity	
5	Portfolio Construction	12		Test
	CAPM	2	Explain with illustrations and problems	

	APT	2	Explain with illustrations	
	Construction of Portfolio using Markowitz	4	Explain with illustrations and problems	
	Construction of Portfolio using Sharpe's Model	2	Explain with illustrations and problems	
6	Portfolio Evaluation & Revision	8		
	Meaning of Portfolio Evaluation	1	Explain with illustrations and problems	
	Sharpe's, Treynor's & Jensen's Performance Indices	2	Explain with illustrations and problems	
	Meaning & Need for Portfolio Revision	2	Explain with illustrations and problems	
	Revision Strategies	2	Explain with illustrations and problems	

Prepared by Ms. Rathi David