Gyanmanjari Innovative University

Course Syllabus
Gyanmanjari Institute of Management Studies
Semester-6 (BBA)

Subject: Portfolio Management – BBAFM16323

Type of course: Major (Core)

Prerequisite:

Students should have basic knowledge of investment, financial markets, and risk-return concepts.

Rationale:

This course helps students understand the theories, tools, and practices of portfolio management. It covers risk-return analysis, portfolio construction, diversification, performance evaluation, and investment strategies. The course equips students with practical knowledge to make informed investment decisions in stock markets and other financial instruments.

Teaching and Examination Scheme:

Teaching Scheme			Credits	Examination Marks			Total Marks
					CCE		
CI	T	P	C	SEE	MSE	ALA	
4	0	0	4	100	30	70	200

Legends: CI-Classroom Instructions; T – Tutorial; P - Practical; C – Credit; SEE - Semester End Evaluation; MSE- Mid Semester Examination; V – Viva; CCE-Continuous and Comprehensive Evaluation; ALA- Active Learning Activities.

4 Credits * 25 Marks = 100 Marks (each credit carries 25 Marks)
SEE 100 Marks will be converted in to 50 Marks
CCE 100 Marks will be converted in to 50 Marks
It is compulsory to pass in each individual component.

GYANMANJARI INNOVATIVE UNIVERSITY BHAVNAGAR

Course Content:

Sr. No	Course content	Hrs.	% Weightage
1	**Risk and Return** • Concept of Return • Types of Return: Historical Return, Expected Return, Realized Return • Concept of Risk • Types of Risk: Systematic Risk and Unsystematic Risk • Quantification of Risk • Variance and Standard Deviation (Practical)	15	25
2	**Equity and Bond Valuation** • Concept of Valuation • Dividend discount model • Time value of money • Free cash flow, Benefits of Free cash flow • Earnings multiplier • Bonds & Valuation: Bond prices & Yields, types of bonds, Duration of Bonds, Bond Management Strategies, Analysis of Bonds (Practical)	15	25
3	**Asset Pricing** • Capital Asset Pricing model (CAPM) • Assumptions, Problems, Practical value of CAPM • Arbitrage pricing theory (APT) • Relationship between CAPM and APT • Markowitz modern Portfolio theory • Sharpe Single Index model	15	25
4	**Portfolio Revision and Evaluation** • Introduction, Need for Portfolio Revision • Portfolio Evaluation: Concept • Sharpe ratio, Treynor's ratio, Jensen's alpha (practical) • Passive v/s Active Portfolio Management • Rupee cost Averaging	15	25

Continuous Assessment:

Sr. No	Active Learning Activities	Marks
1	**Important Terms:** Students will Prepare a glossary of 15 important terms useful for Portfolio Management (e.g., risk, return, beta, diversification, CAPM) and upload PDF on GMIU web portal.	10
2	**Risk & Return Analysis:** Students will Select any Two listed stocks from NSE/BSE and calculate Risk & Return - Collect price data of selected listed stocks from NSE/BSE for the last 1 year and calculate average return, standard deviation, and correlation and upload PDF on GMIU web portal.	10
3	**Efficient Frontier Chart:** Students will prepare Efficient Frontier Chart – Using Excel, plot a simple efficient frontier with hypothetical data to demonstrate diversification benefits and upload PDF on GMIU web portal.	10
4	**CAPM model**: Students will select one listed stock of their choice, calculate its beta, and estimate expected return using CAPM and upload PDF on GMIU web portal.	10
5	**Portfolio Evaluation:** Students will Compare performance of a mutual fund of their choice with NIFTY 50 using Sharpe, Treynor, and Jensen ratios and upload PDF on GMIU web portal.	10
6	**Portfolio Management Strategies:** Students will Prepare a report on Active vs. Passive Portfolio Management with real-world examples and upload PDF on GMIU web portal.	10
7	**Attendance**	10
	Total	70

Suggested Specification table with Marks (Theory): 100

Distribution of Theory Marks (Revised Bloom's Taxonomy)						
Level	Remembrance (R)	Understanding (U)	Application (A)	Analyze (N)	Evaluate (E)	Create (C)
Weightage	30%	30%	10%	20%	10%	0%

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the question paper may vary slightly from above table.

Course Outcome:

After learning the course, the students should be able to:	
CO1	Explain the fundamentals, objectives, and process of portfolio management.
CO2	Analyze risk and return of individual securities and portfolios.
CO3	Apply portfolio theories and models to construct optimal portfolios.
CO4	Evaluate portfolio performance using different measures and strategies.

Instructional Method:

The course delivery method will depend upon the requirement of content and the needs of students. The teacher, in addition to conventional teaching methods by black board, may also use any tools such as demonstration, role play, Quiz, brainstorming, MOOCs etc.
Use of Excel, NSE/BSE data, and NISM study modules for practical learning.

From the content 10% topics are suggested for flipped mode instruction. Students will use supplementary resources such as online videos, NPTEL/SWAYAM videos, e-courses. The internal evaluation will be done on the basis of Active Learning Assignment.

Practical/Viva examination will be conducted at the end of semester for evaluation of performance of students in the laboratory.

Reference Books:

[1.] Chandra, P. (2017). Investment Analysis and Portfolio Management. McGraw Hill.
[2.] Fischer, D. & Jordan, R. (2010). Security Analysis and Portfolio Management. Pearson.
[3.] Bodie, Z., Kane, A., & Marcus, A. (2018). Investments. McGraw Hill.
[4.] Prasanna Chandra. Financial Management: Theory and Practice. McGraw Hill.
[5.] NISM (National Institute of Securities Market) Modules on Portfolio Management.