

GANPAT UNIVERSITY									
FACULTY OF MANAGEMENT STUDIES									
Programme	Bachelor of Business Administration				Branch/Spec.	Finance			
Semester	V				Version	1.0.0.0			
Effective from Academic Year			2026-27		Effective for the Batch admitted in			July 2024	
Course Code	BFIN303		Course Name		Investment and Portfolio Management				
Teaching Scheme					Examination Scheme (Marks)				
(Per week)	Lecture (DT)		Practical (Lab.)		Total		CE	SEE	Total
	L	TU	P	TW					
Credit	04	00	00	00	04	Theory	50	50	100
Hours	04	00	00	00	04	Practical	00	00	00
Pre-requisites									
Conceptual clarity on basic finance. Basic knowledge of statistics and economics.									
Course Objective									
To develop conceptual clarity and analytical ability in investment decisions, security valuation, and portfolio construction using risk–return frameworks.									
Course Outcomes									
On successful completion of the course, the students will be able to:									
CO1	Explain investment concepts, investor types, investment avenues, strategies, and risk–return relationships								
CO2	Apply bond and equity valuation models to analyse security risk and return								
CO3	Evaluate securities using fundamental and technical analysis tools for informed investment decisions.								
CO4	Construct, analyse, and evaluate portfolios using modern portfolio and capital market theories.								
Theory Syllabus									
Unit	Content								Hrs.
1	Introduction to Investment and Risk–Return Investment- Meaning and nature, Types and objectives of investment, Types of investors, Investment vs speculation vs gambling. Investment Avenues- Financial and non-financial investment avenues, Investment strategies. Risk, Risk vs uncertainty, Types of investment risk: systematic and unsystematic, Measurement of return and expected return. Risk Measurement and Diversification, Standard deviation and coefficient of variation, Portfolio risk (conceptual introduction), Benefits and limits of diversification								15
2	Security Analysis and Valuation Risk–Return Analysis of Securities, Risk and return for two-asset portfolios, Bond Valuation- Present value of bonds, Yield to Maturity (YTM), Yield to call/ put. Equity Valuation Models- Intrinsic value and market price, Dividend Discount Models, growth multi-stage models, and Relative valuation using P/E ratio.								15
3	Fundamental Analysis and Technical Analysis Fundamental Analysis - Meaning and relevance, E-I-C framework, Economic analysis: macroeconomic indicators, Industry analysis- industry life cycle, Company analysis: financial statement overview Technical Analysis- Assumptions of technical analysis, Dow Theory, Types of charts: line, bar, candlestick, Types of trends and patterns Fundamental analysis vs technical analysis								15

4	Portfolio Management and Capital Market Theory Portfolio Management Process, Modern Portfolio Theory- Markowitz portfolio model, Mean–variance framework, Concept of optimum portfolio Capital Market Theory- Capital Market Line (CML), Market portfolio, Capital Asset Pricing Model (CAPM), Security Market Line (SML) Advanced Models, Beta and alpha coefficients, Arbitrage Pricing Theory (APT), Limitations of portfolio models	15
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Exam: Theory 80%, Numerical 20%

Practical Content

Practical, assignments and tutorials are based on above syllabus.

Text Books

1	Bhole, L. M., & Mahakud, J. (2022). Financial Markets and Institutions (7th ed.). Tata McGraw-Hill Education.
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Reference Books

1	Bodie, Z., Kane, A., Marcus, A. J., & Mohanty, P. (2023). Investments (12th ed.). McGraw-Hill Education.
2	Chandra, P. (2022). Investment Analysis and Portfolio Management (5th ed.). Tata McGraw-Hill Education.
3	Khan, M. Y., & Jain, P. K. (2019). Financial Management: Text, Problems and Cases (9th ed.). McGraw-Hill Education.
4	Rustagi, R. P. (2021). Investment Management: Security Analysis and Portfolio Management (5th ed.). Sultan Chand & Sons.
5	Vohra, N. D., & Bagri, G. R. (2018). A Textbook of Investment Management (2nd ed.). McGraw-Hill Education.
6	Verma, J. (2019). Portfolio Management in Practice (1st ed.). PHI Learning.

ICT/MOOCs Reference

1	https://onlinecourses.swayam2.ac.in/ini26_cm02/preview
2	https://onlinecourses.swayam2.ac.in/imb26_mg94/preview
3	https://www.youtube.com/playlist?list=PLhdyHWHI4RG_0747kgdsKqT3SzkfvgVFi

Mapping of CO with PO and PSO:

Course Outcome (CO) No.	PO-CO Mapping								PSO-CO Mapping					
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1	3	1	1	2	1	2	3	2	2	3	3	1	1	2
CO2	2	2	1	3	1	1	3	3	3	2	2	1	1	3
CO3	2	2	1	3	1	2	3	3	3	3	3	2	1	3
CO4	2	2	1	3	1	2	3	3	3	2	2	2	2	3