<table>
<tr><td colspan="10">GANPAT UNIVERSITY</td></tr>
<tr><td colspan="10">FACULTY OF MANAGEMENT STUDIES</td></tr>
<tr><td colspan="2">Programme</td><td colspan="3">Master of Business Administration</td><td>Branch/Spec.</td><td colspan="4">Finance</td></tr>
<tr><td colspan="2">Semester</td><td colspan="3">III</td><td>Version</td><td colspan="4">1.0.0.2</td></tr>
<tr><td colspan="3">Effective from Academic Year</td><td colspan="2">2021-22</td><td colspan="4">Effective for the batch Admitted in</td><td>June 2020</td></tr>
<tr><td colspan="2">Subject code</td><td>2IIIA07SAP</td><td colspan="2">Subject Name</td><td colspan="5">SECURITY ANALYSIS & PORTFOLIO MANAGEMENT</td></tr>
<tr><td colspan="5">Teaching scheme</td><td colspan="5">Examination scheme (Marks)</td></tr>
<tr><td>(Per week)</td><td colspan="2">Lecture(DT)</td><td colspan="2">Practical(Lab.)</td><td>Total</td><td></td><td>CE</td><td>SEE</td><td>Total</td></tr>
<tr><td></td><td>L</td><td>TU</td><td>P</td><td>TW</td><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td>Credit</td><td>4</td><td>0</td><td>0</td><td>0</td><td>4</td><td>Theory</td><td>60</td><td>40</td><td>100</td></tr>
<tr><td>Hours</td><td>4</td><td>0</td><td>0</td><td>0</td><td>4</td><td>Practical</td><td>-</td><td>-</td><td>-</td></tr>
<tr><td colspan="10">Pre-requisites:</td></tr>
<tr><td colspan="10">Objective: To help students improve decision-making skills in management of financial assets through a better understanding of modern theories on portfolio management and functioning of capital market.</td></tr>
<tr><td colspan="10"></td></tr>
<tr><td colspan="10">Learning Outcome:</td></tr>
<tr><td colspan="10">2IIIA07SAP.CO1: Understand investment concepts, risk types and valuation techniques to interpret market behavior and security performance.
2IIIA07SAP.CO2: Apply equity and debt analysis techniques for strategic investment choice.
2IIIA07SAP.CO3: Examine asset pricing and portfolio models to measure investment risk, return trade -offs and valuation strategies.
2IIIA07SAP.CO4: Evaluate portfolio theories and performance metrics to construct and revise optimized investment portfolios.</td></tr>
<tr><td colspan="10">Theory syllabus</td></tr>
</table>

Unit	Content	Hrs
1	Investment: Meaning, Nature and Scope, Decision Process, Environment, Valuation of Securities, Notion of Dominance Techniques of Risk Measurement and their Application: Investment Risks– Interest Risk, Market Risk, Inflation Risk, Default Risk, Variance, Concept of Beta, Measurement of Systematic and Unsystematic Risk, Classification of Beta-Geared and Ungeared Beta, Project Beta, Portfolio Beta, Securities Market line, Capital Market Line	15
2	Equity Analysis: Fundamental Analysis - Economy, Industry and Company Analysis; Technical Analysis- Efficient Market Hypothesis, Dow Jones Theory, Technical Indicators - Price Indicators, Volume Indicators, Price-Volume Indicators, Technical patterns Debt Analysis: Bond Market & Valuation, Bond Management Strategies, Active Vs Passive Management	15
3	Asset Pricing Models: Capital Asset Pricing Model (CAPM), Arbitrage Pricing Theory - 3- Factor Model, 4-Factor Model, 5- Factor Model and 6- Factor Model Portfolio Analysis: Utility Theory of Investment, Risk Penalty, Markowitz Model of risk and returns	15
4	Portfolio Selection and Portfolio Theories – Coefficient of Variation, Markowitz Model of Portfolio Construction, Sharp's Portfolio Construction, Downside Risk, Value at Risk (VaR) Performance Evaluation of Managed Portfolios: Sharp Ratio, Sortino Ratio, Treynor Ratio, Jensen's Alpha Portfolio Revision and Portfolio Reconstruction: Addition/Removing securities from portfolio	15

Practical content

Text Books	
1	Fischer and Jordan, Security Analysis and Portfolio Management, Prentice Hall, 6th edition
Reference Books	
1	Bhalla, V.K.-Investment Management; Security Analysis and Portfolio Management, S. Chand & Co. Ltd.
2	Chandra Prasanna-Investment Analysis and Portfolio Management, Tata McGraw Hill, New Delhi.
3	Fischer and Jordan- Security Analysis and Portfolio Management (Prentice-Hall, 6th edition) 1996.
4	Ranganatham- Investment Analysis and Portfolio Management (Pearson Education).
5	Pandian P- Security Analysis and Portfolio Management (Vikas Publication).
6	Parikh A - Exploring Efficient Market Hypothesis and Excess Returns: An Empirical Study across Different Segments of Indian Equity Market (Archers and Elevators Publishing House)

Mapping of CO with PO and PSO:

Semester 3: Course Name: 2IIIA07SAP SECURITY ANALYSIS & PORTFOLIO MANAGEMENT

Course outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7
2IIIA07SAP.CO1	3	3	0	2	0	3	2
2IIIA07SAP.CO2	3	3	1	2	1	2	2
2IIIA07SAP.CO3	3	3	0	2	1	2	2
2IIIA07SAP.CO4	3	3	0	2	2	3	2

Semester 3: Course Name: 2IIIA07SAP SECURITY ANALYSIS & PORTFOLIO MANAGEMENT

Course outcomes	PSO1	PSO2	PSO3
2IIIA07SAP.CO1	3	2	2
2IIIA07SAP.CO2	3	3	3
2IIIA07SAP.CO3	3	2	3
2IIIA07SAP.CO4	2	2	3