

GUJARAT TECHNOLOGICAL UNIVERSITY

Integrated Master of Business Administration

Year – 4 (Semester –7) (W.E.F. Academic Year 2017-18)

Specialization: Financial Management

Subject Name: Security Analysis & Portfolio Management (SAPM)

Subject Code: 2577121

1. Learning Outcomes:

- Acquainting students with the Risk return process of investment
- Familiarising students with the practical applications of Capital markets
- Developing the skills for the portfolio constructions, revision, evaluation and investment advisory.

2. **Course Duration:** The course duration is of **36 sessions of 75 minutes** each.

3. Course Contents:

Module No.	Modules with its Contents/Chapters	No. of Sessions	Marks (out of 70)
I	<u>Introduction to Investment</u> Introduction, Investment vs. Speculation, Investment vs. Gambling, Investment Objectives, Investment Attributes, Investment Process, Security Analysis vs. Portfolio Management, Portfolio Management Process; Meaning and Types of Returns Holding Period return— Expected return – Annualized return – measurement of return. Risk – Types of Risk – Measurement of Risk.	9	18
II	<u>Security analysis and valuation</u> Fundamental Analysis: Economic, Industry and Company Analysis, Forecasting earnings, Valuation: DDMs for Valuation of Equities & Valuation on the basis of P/E & EPS. Efficient Market Hypothesis, Different Forms of EMH and their Empirical Tests, Technical Analysis: Charting Tools, Market Indicators, Dow Theory, Elliot Wave Theory, Random Walk Theory, Introduction to Behavioral Finance	9	17
III	<u>Selection / Construction of Securities by applying theories:</u> Markowitz Model, Constructing an Optimal portfolio using, Sharpe's Single Index Model, Capital Market Theory: Efficient Frontier, CML, SML, Capital Asset Pricing Model, Arbitrage Pricing Theory.	9	18
IV	<u>Portfolio Management & Measurement:</u>	9	

	Portfolio execution, Portfolio Revision and Performance Evaluation. Bonds & Valuation: Bond prices & Yields, types of bonds, Duration of Bonds, Bond Management Strategies, Analysis of Bonds		17
V	Practical: <ul style="list-style-type: none"> • EIC analysis of any selected Industry/ Company. • Application of Valuation on Equity and bonds for its selection • Application of CAPM theory. • Creating a portfolio using Sharpe Portfolio Selection. • Portfolio evaluation Mutual Fund Schemes. . . .etc • Movie based learning: Wall street & Rogue Trader, Inside Job, Big Short, Wolf of Wall Street etc. 	---	(30 Marks CEC)

4. Teaching Methods:

The course will use the following pedagogical tools:

- (a) Class Lectures, Discussions, solution of examples & learning from various cases
- (b) Learning and Application from various movies and construction and evaluation of portfolio on weekly basis
- (c) Discussion on articles and news from Economic times, blogs and other websites on daily basis

5. Evaluation:

The evaluation of participants will be on continuous basis comprising of the following elements:

A	Continuous Evaluation Component comprising of Projects / Assignments / Quiz / Class Participation / Class test / Presentation on specific topic etc	(Internal Assessment- 50 Marks)
B	Mid-Semester examination	(Internal Assessment-30 Marks)
C	End –Semester Examination	(External Assessment-70 Marks)

6. Reference Books:

Sr. No.	Author	Name of the Book	Publisher	Year of Publication
1	Prasanna Chandra	Investment Analysis & Portfolio Management	McGraw Hill	Latest Edition
2	Fisher & Jordan	Security Analysis & Portfolio Management	Pearson	Latest Edition
3	P. Pandian	Security Analysis & Portfolio Management	Vikas Publishing	Latest Edition
4	S. Kevin	Security Analysis & Portfolio Management	PHI learning	Latest Edition
5	Reilly/Brown,	Investment Analysis and Behaviour	McGraw Hill	Latest Edition

Note: Wherever the standard books are not available for the topic appropriate print and online resources, journals and books published by different authors may be prescribed.

7. List of Journals / Periodicals / Magazines / Newspapers, etc.

1. Economic Times
2. Journal of Economic Times
3. Business Standard
4. Reports of RBI, SEBI etc.