PROGRAM	Master of Business Administration
SEMESTER	3
COURSE TITLE	Investment Analysis and Portfolio Management
COURSE CODE	04MB0304
COURSE CREDITS	3
COURSE DURATION	42 Hours (42 Sessions of 60 Minutes each)

COURSE OUTCOMES:

- ❖ Understand the different investment alternatives and their risk return pattern
- ❖ Assess the valuation of securities by applying fundamental and technical analysis
- ❖ Ability to judge the portfolio selection and find out optimum portfolio
- ❖ Awareness about various portfolio selections models and adopts their suitability in their professional life
- ❖ Ability to assess performance of portfolios by applying portfolio performance models

COURSE CONTENTS:

Unit No	Unit / Sub Unit	Sessions
I	**Overview of Investment and Security Market**: Concept of Savings and Investments, Investment V/S Speculation. Real and financial assets, Investment alternatives, Aim & Approaches of investment analysis, Investment process. Risk – Return of Security – Different types of Risks and Return, Systematic and Unsystematic Risk, Measures of Return and Risk, Historical and expected return, Covariance and Correlation of Securities.	10
II	**Stock Market Analysis:** Fundamental Analysis: E-I-C (Economic, Industry & Company Analysis). Technical Analysis: Dow Theory, Technical Indicators, Charts, Moving Averages, Oscillators, ROC, RSI, Technical Versus Fundamental analysis, EMH.	8
III	**Construction of Portfolio**: Constructing Optimal Portfolio Using Markowitz Portfolio Construction – Efficient Frontier and Minimum Variance Portfolio, Sharpe's Single Index Model, Capital Market Theory – CAPM, SML, CML,	8
IV	**Portfolio Performance Measures:** Portfolio Execution and Portfolio Revision, Portfolio Performance Evaluation (Sharpe, Treynor's, Jensen's Ratio, VaR, M2 Calculations)Post Modern Portfolio Theory (Overview)	8
V	**Bonds Valuation:** Types of bonds, Duration of Bonds, Bond Management Strategies, Analysis of Bond (Rating). Bond pricing & Yield to Maturity (Yield to Call), Default Risk and Bond Pricing, Credit Default Swaps (Overview).	8

EVALUATION:

The students will be evaluated on a continuous basis and broadly follow the scheme given below:

	Component	Weightage
A	Continuous Evaluation Component (Assignments / Presentations/ Quizzes / Class Participation/ etc.)	20% (C.E.C.)

B	Internal Assessment	30% (I.A.)
C	End-Semester Examination	50% (External Assessment)

SUGGESTED READINGS:

Text Books:

Sr. No	Author/s	Name of the Book	Publisher	Edition & Year
T-01	Prasanna Chandra	Investment Analysis and Portfolio Management	Tata McGraw Hill	5th Edition, 2017
T-02	P. Pandian	Security Analysis and Portfolio Management	Vikas Publishing House	2nd Edition, 2012

Reference Books:

Sr. No	Author/s	Name of the Book	Publisher	Edition & Year
R-01	Reilly/Brown	Investment Analysis and Behaviour	TMH	10th Edition, 2011
R-02	Zvi Bodie, Alex Kane, Alan J Marcus and Pitabas Mohanty	Investments	Tata McGraw Hill	11th Edition, 2019
R-03	Edwin Elton & Martin Gruber	Modern Portfolio Theory and Investment Analysis	Wiely	8th Edition, 2010