Lesson Plan

Investment Analysis & Portfolio Management

Program: MBA   **Semester: 3rd**

Course Code: KMBNFM-01   **Course Name: Investment Analysis & Portfolio Management**

Course Objectives

(CO1): Emphasizing an understanding of the economic forces that influence the pricing of financial assets.

(CO2): Understanding of investment theory will be stressed and tied in withdiscussion of applicable techniques such as portfolio selection.

(CO3): The course material will cover formulae that can be applied in differentbusiness situations regarding active portfolio management.

(CO4): To expose the students to the concepts, tools and techniques applicable in thefield of security analysis and portfolio management.

(CO5): To provide a theoretical and practical background in the field of investments.

Session Duration: 60 minutes

Participants: MBA 3rd Sem. Students

Entry level knowledge and skills of students
   i.   Basic knowledge of financial terms
   ii. Awareness about stock market
   iii. Capability of Critical thinking and Critical Analysis

Equipment required in Classroom/ Laboratory/ Workshop
   i. White board, duster and Marker
   ii. Smart Board, Projector and system

Assessment Schemes

S. No.	Criteria	Marks (150)
1	**AKTU End Term Examination**	100
2	**Internal Evaluation Scheme**	50
2(a)	**Class Tests**	30
2(a)(i)	Class Test-I	15
2(a)(ii)	Class Test-II	15
2(b)	**Teacher Assessment (Continuous Evaluation)**	20
2(b)(i)	Attendance	5
2(b)(ii)	Case Study/Topic Based Presentation	5
2(b)(iii)	*GD	10
	*MCQ Based Assignment	2

Course Outcomes after successful completion of this course students will be able to

(CO1): Understand about various investment avenues.

(CO2): Understand the value of assets and manage investment portfolio.

(CO3): Understand various Models of Investment and its application.

(CO4): Understand and create various investment strategies on the basis of various market conditions.

(CO5): Measure riskiness of a stock or a portfolio position.

L. No.	Topics	Sub Topics	Date of implementation	Pedagogy	CO-Covered	Faculty Sign	HoD's Remark with Date
Unit - 1							
1.	Overview of Capital Market	Market of securities, Stock Exchange and New Issue Markets		Improved Lecture	CO1		
2.	Primary Market	Nature, Parties Involved, Functioning, Limitations		Improved Lecture	CO1		
3.	Secondary Market	Nature, Functioning and types of securities		Improved Lecture	CO1		
4.	Securities trading	Types of orders, margin trading, clearing and settlement procedures, Regularity systems for equity markets, Type of investors		Improved Lecture and educational game	CO1		
5.	Aim & Approaches of Security analysis	Fundamental Analysis, Technical Analysis		Improved Lecture and demonstration	CO1		
6.	Aim & Approaches of Security analysis	Efficient Market Theory		Improved Lecture	CO1		

Unit - 2							
7.	Introduction of Risk	Concept, nature, Component and relation with return		Improved Lecture	CO2		
8.	Types of Risk	Systematic and unsystematic risk		Improved Lecture	CO2		
9.	Risk Measurement	covariance and correlation, Fundamental coefficient,		Demonstration	CO2		
10.	Measurement of systematic Analysis	Economic, Industry, Company Analysis,		Improved Lecture	CO2		
11.	Portfolio risk and return	Beta as a measure of risk, calculation of beta		Demonstration	CO2		
12.	Selection of Portfolio	Markowitz's Theory		Improved Lecture, Demonstration	CO2		
13.	Selection of Portfolio	Single Index Model		Improved Lecture, Demonstration	CO2		
14.	Case Study	Case Study		Case Study Method	CO2		
15.	Case Study	Case Study		Case Study Method	CO2		
16.	Case Study	Case Study		Case Study Method	CO2		
Unit - 3							
17.	Introduction of Technical Analysis	Meaning, Nature, Techniques		Improved Lecture	CO3		
18.	Dow Theory	Primary Trend, Secondary Trend and Minor Trend		Improved Lecture	CO3		
19.	Type of charts & its interpretations,	Support and Resistance level, Trend line, Bar & Candlestick Charts, Chart Pattern		Demonstration	CO3		

20.	Gap Wave Theory and Relative strength analysis,	Concept, need and Application		Improved Lecture	CO3		
21.	Implications of Security Analysis for investment decision	Technical Versus Fundamental analysis EMH (Efficient Market Hypothesis)		Field Work	CO3		
22.	Capital market theorem	CAPM (Capital Asset Pricing Model)		Improved Lecture, Demonstration	CO3		
23.	Capital market theorem	and Arbitrage Pricing Theory.		Demonstration, Educational Game	CO3		
24.	Case Study	Case Study		Case Study Method	CO3		
25.	Case Study	Case Study		Case Study Method	CO3		
26.	Case Study	Case Study		Case Study Method	CO3		
Unit - 4							
27.	Valuation of Equity Discounted Cashflow techniques	Concept and need, and Balance sheet valuation		Improved Lecture	CO4		
28.	Dividend discount models	Nature, Need, Application, Example		Improved Lecture	CO4		
29.	Value of Security	Intrinsic value and market Price, earnings multiplier approach,		Demonstration	CO4		
30.	Different Securities Related Ratio	P/E ratio, Price/Book value, Price/sales ratio, Economic value added		Demonstration	CO4		

31.	Valuation of Debentures Bonds	nature of bonds		Improved Lecture	CO4		
32.	Valuation of Debentures Bonds	valuation of bond		Improved Lecture	CO4		
33.	Valuation of Debentures Bonds	Bond theorem		Improved Lecture	CO4		
34.	Valuation of Debentures Bonds	Term structure of interest rates		Improved Lecture	CO4		
Unit - 5							
35.	Portfolio Management and Performance Evaluation:	Performance Evaluation of existing portfolio;		Improved Lecture	CO5		
36.	Portfolio Management and Performance Evaluation:	Sharpe, Trey nor and Jensen measures		Demonstration	CO5		
37.	revision of portfolio	Concept, Significance, Finding alternatives and revision of portfolio		Improved Lecture	CO5		
38.	Portfolio Management	Mutual Fund Industry		Improved Lecture	CO5		
39.	Case Study	Case Study		Case Study Method	CO5		
40.	Case Study	Case Study		Case Study Method	CO5		
Revision							
41.	Unit-1	Investment		Buzz Session	CO1		
42.	Unit-2	Portfolio Theory		Educational Game	CO2		
43.	Unit-3	Capital Market & Assets Pricing		Demonstration	CO3		
44.	Unit-4	Bond, Equity and Derivatives Analysis		Case Study Method	CO4		

45. Unit-5	Active Portfolio Management	CO5 Buzz Session

Text Books:

1.Ranganatham - Security Analysis and portfolio Management (Pearson Education, 2nd Ed.)

2. Chandra P- Investment Analysis and Portfolio Management (Tata McGraw Hill, 3rd Ed.)

3. Bhatt- Security Analysis and Portfolio Management (Wiley, 1st Ed.)

4. Pandian P - Security Analysis and Portfolio Management (Vikas, 1st Ed.)

5. Bodie, Kane, Marcus &Mohanti - Investment and Indian Perspective (TMH,10th Ed.)

Reference Books:

6. William F. Sharpe, Gordon J.Alexander and Jeffery V.Bailey: Investments, (PrenticeHall).

7. Abhishek Kumar, Index Investing, 2020, SAGE Publishing

8. Donald E. Fischer and Ronald J.Jordan: Security Analysis and Portfolio Management,(Pearson Education,)

9. Charles P. Jones, Investments Analysis and Management, (John Wiley & Sons,)

10. Edwin J. Elton, Martin J. Gruber: Modern Portfolio Theory and InvestmentAnalysis,John Wiley & Sons,

11. Sidney Cottle, Roger F. Murray, Frank E. Block, Graham and Dodd: Security Analysis,Tata McGraw-Hill, New Delhi.

Journals:

Ignatyev, V. G., & Nurtdinov, I. I. (2018). The Features Of Regional Investment Analysis In Relation To The Corporate Sector Of Economy In Conditions Of Globalization. *Ekonomicko-Manazerske Spektrum, Xii*(I), 75-82.

Jeffery, M., & Leliveld, I. (2004). Best Practices In It Portfolio Management. *Mit Sloan Management Review, 45*(3), 41-50.

Kim, D. K. (2019). The Dogs Of The Dow Theory – Is It Valid? *International Journal Of Economics And Finance, 11*(5), 43-49.

Putra, K. A., & Dana, I. M. (2020). Study Of Optimal Portfolio Performance Comparison: Single Index Model And Markowitz Model On Lq45 Stocks In Indonesia Stock Exchange. *American Journal Of Humanities And Social Sciences Research (Ajhssr), 4*(12), 237-244.

Electronic Database:

https://groww.in/p/portfolio-management

https://www.economicsdiscussion.net/portfolio-management/markowitz-theory-of-portfolio-management-financial-economics/29748

https://economictimes.indiatimes.com/markets/stocks/news/how-harry-markowitzs-portfolio-theory-can-help-investors-make-money-in-volatile-market/articleshow/88770631.cms

https://ems.uniza.sk/wp-content/uploads/2019/03/EMS_1_2018_7_Ignatyev_Nurtdinov.pdf

https://ucipfg.com/Repositorio/MATI/MATI-08/BLOQUE-ACADEMICO/Unidad-2/4.pdf

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https://www.researchgate.net/profile/Noryati-Ahmad/publication/334502947_Contrarian_Strategies_in_Developing_Asian_Countries_Dogs_of_the_Dow_Theory_DoD_versus_Puppies_of_the_Dow_Theory_PoD/links/5d592c2e92851cb74c74d746/Contrarian-Strategies-in-Developing-Asian-Countries-Dogs-of-the-Dow-Theory-DoD-versus-Puppies-of-the-Dow-Theory-PoD.pdf