

Name of Teacher: Dr. Saloni Gupta

Course: B.Com (Hons) CBCS, Semester: VI

Paper BCH 6.4: Fundamentals of Investment (DSE Group B(a))

5 Theory + 2 Tutorials: 5 Credit hrs. (Five Lectures) + 1 Credit hrs. (One tutorial per group)

Subject Objectives: To familiarize the students with different investment alternatives, introduced them to the framework of their analysis and valuation and highlight the role of investor protection.

LESSON PLAN (Jan22- July22)

(Unit-wise)

UNIT/ Lectures and Tutorial Required	TOPICS FOR STUDENT PREPARATION (INPUT)	PROCEDURE (Tools)	LEARNING OUTCOME (OUTPUT)	ASSESSMENT
UNIT 1 : The Investment Environment (12 lectures & 4 tutes)	Define Investment, Investment decision process, Factor affecting Investment, Basic principles of Investing, Savings, Investment and Speculation, Types of Investment- Commodities, Real estates and Financial assets, The Indian Securities market, the market participants and trading of securities, Security Market Indices, Sources of Financial Information, concept of risk and return, Calculation, Tradeoff between return and risk,	*Lecture and discussion *Problem solving with the help of black-board *Live Trading Session for the students to have an understanding of stock market	*Understanding the concept of Investment. *Differentiate between financial and Real Investment *Know various features, objectives, factors and principles of Investment *Analyse the investment environment of the country. *Differentiate between direct and Indirect investing *Understand the structure of the Indian Securities Market. *Understand the	Evaluation through Assignment

	Impact of taxes and Inflation on return		concept of risk and return and its impact on inflation and taxes.	
UNIT 2 : Fixed Income Securities (12 lectures & 6 tutes)	Bond Fundamental, Estimating bond yields, Bond valuation, Types of bond risks.	*Lecture and discussion *Problem solving with the help of black-board	*Understanding bonds fundamentals and its various types. *Determine the intrinsic value of bond, convertible debenture and deep discount bond *Explain the interactions between bond values, interest rate and time to maturity *Calculate the yield to maturity and yield to call. *Explain Malkiel's properties regarding bond pricing *Understand credit rating and process of credit rating	Evaluation through class participation & test
UNIT 3 : Approaches to Equity Analysis (18 lectures & 6	Fundamental Analysis, Technical Analysis and Efficient Market Hypothesis, Valuation of	*Lecture and discussion *Problem solving with the help of black-board *Use of Spread	*Understand different approaches to security valuation- fundamental analysis, technical	Evaluation through test & Assignment

tutes)	Equity Shares	sheet for estimation of components of cost of capital	<p>analysis and efficient Market hypothesis</p> <p>*Differentiate between fundamental and technical analysis</p> <p>*Understand various type of charting technique in technical analysis.</p> <p>*Explain Dow theory and Elliott Wave Theory.</p> <p>*Understand and use various market indicators and stock specific indicators to predict future price behavior.</p> <p>*Determine intrinsic values of the equity share using various models.</p>	
<p>UNIT 4 :</p> <p>Portfolio Analysis and Financial Derivatives</p> <p>(25 lectures & 10 tutes)</p>	Portfolio and Diversification, portfolio risk and return, mutual fund, Introduction of financial derivatives, Forwards, Futures and Options, Financial Derivatives Market in India	<p>*Lecture and discussion</p> <p>*Problem solving with the help of black-board</p> <p>*Virtual Online trading Platform to make the students familiar with trading and Portfolio analysis.</p>	<p>*Explain and calculate portfolio risk and return.</p> <p>*Understand portfolio theory of portfolio selection and Capital market theory.</p> <p>*Calculate expected return and Beta of a security.</p>	Evaluation through class participation & Assignment

			<p>*Understand and use Capital Asset pricing model and derive security Market line.</p> <p>*Explain the concept, advantages and limitations of mutual funds.</p> <p>*Calculate NAV of the Mutual funds.</p> <p>*Understand the meaning of derivatives and various types of derivatives, Forward, future, and option.</p> <p>*Determine the pricing of futures.</p> <p>*Determine payoffs from various positions on call and put option</p> <p>.</p>	
<p>UNIT 5 :</p> <p>Investor protection</p> <p>(8 lectures, 2 tutorial)</p>	<p>Role of SEBI and Stock Exchanges in Investor protection, Investor grievances and their redressal system, insider trading</p>	<p>*Lecture and discussion</p> <p>*Problem solving with the help of black-board</p>	<p>*Analyze role of SEBI and stock exchange in investor protection</p> <p>*Understand investor grievances and their redressal system.</p> <p>*Explain the various reforms in</p>	<p>Evaluation through Presentation</p>

			<p>Indian Stock market.</p> <p>*Understand prohibition of insider trading and regulation of unpublished price sensitive information.</p> <p>*Know the role of BSE and NSE in Investor protection</p>	
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Suggested Readings:

1. Jones, C. P. *Investment Analysis and Management*, Wiley
2. Chandra, Prasanna. *Investment Analysis and Portfolio Management*, Tata McGraw Hill
3. Bodie, Kane; Marcus and Mohanty, *Investments*. Tata McGraw Hill
4. Singh, Y P... *Fundamental of Investment*., Dhanpat Rai and Company, Delhi
5. Rustagi, R.P., *Fundamentals of Investment*. Galgotia Publishing Company, Delhi.
6. Tripathi.V., *Fundamentals of Investment* Taxmann's, Delhi
7. Fisher, Donald E., and Brown, Keith C. *Investment Analysis and Portfolio Management*, Prentice Hall of India.

Name of Teacher: Dr. Saloni Gupta

Course: B.Com: CBCS, Semester: VI

Paper BC 6.2(c): Fundamentals of Investment (DSE)

5 Theory + 2 Tutorials: 5 Credit hrs. (Five Lectures) + 1 Credit hrs. (One tutorial per group)

Subject Objectives: To familiarize the students with different investment alternatives, introduced them to the framework of their analysis and valuation and highlight the role of investor protection.

LESSON PLAN (Jan22-July22) (Unit-wise)

UNIT/ Lectures and Tutorials Required	TOPICS FOR STUDENT PREPARATION (INPUT)	PROCEDURE (Tools)	LEARNING OUTCOME (OUTPUT)	ASSESSMENT

<p>UNIT 1 :</p> <p>The Investment Environment</p> <p>(12 lectures & 4 tutes)</p>	<p>Define Investment, Investment decision process, Factor affecting Investment, Basic principles of Investing, Savings, Investment and Speculation, Types of Investment- Commodities, Real estates and Financial assets, The Indian Securities market, the market participants and trading of securities, Security Market Indices, Sources of Financial Information, concept of risk and return, Calculation, Tradeoff between return and risk, Impact of taxes and Inflation on return</p>	<p>*Lecture and discussion</p> <p>*Problem solving with the help of black-board</p> <p>*Live Trading Session for the students to have an understanding of stock market</p>	<p>*Understanding the concept of Investment.</p> <p>*Differentiate between financial and Real Investment</p> <p>*Know various features, objectives, factors and principles of Investment</p> <p>*Analyse the investment environment of the country.</p> <p>*Differentiate between direct and Indirect investing</p> <p>*Understand the structure of the Indian Securities Market.</p> <p>*Understand the concept of risk and return and its impact on inflation and taxes.</p>	<p>Evaluation through Assignment</p>
<p>UNIT 2 :</p> <p>Fixed Income Securities</p> <p>(12 lectures & 6 tutes)</p>	<p>Bond Fundamental, Estimating bond yields, Bond valuation, Types of bond risks.</p>	<p>*Lecture and discussion</p> <p>*Problem solving with the help of black-board</p>	<p>*Understanding bonds fundamentals and its various types.</p> <p>*Determine the intrinsic value of bond, convertible</p>	<p>Evaluation through class participation & test</p>

			<p>debenture and deep discount bond</p> <p>*Explain the interactions between bond values, interest rate and time to maturity</p> <p>*Calculate the yield to maturity and yield to call.</p> <p>*Explain Malkiel's properties regarding bond pricing</p> <p>*Understand credit rating and process of credit rating</p>	
<p>UNIT 3 :</p> <p>Approaches to Equity Analysis</p> <p>(18 lectures & 6 tutes)</p>	<p>Fundamental Analysis, Technical Analysis and Efficient Market Hypothesis, Valuation of Equity Shares</p>	<p>*Lecture and discussion</p> <p>*Problem solving with the help of black-board</p> <p>*Use of Spread sheet for estimation of components of cost of capital</p>	<p>*Understand different approaches to security valuation- fundamental analysis, technical analysis and efficient Market hypothesis</p> <p>*Differentiate between fundamental and technical analysis</p> <p>*Understand various type of charting technique in technical analysis.</p> <p>*Explain Dow theory and Elliott</p>	<p>Evaluation through test & Assignment</p>

			<p>Wave Theory.</p> <p>*Understand and use various market indicators and stock specific indicators to predict future price behavior.</p> <p>*Determine intrinsic values of the equity share using various models.</p>	
<p>UNIT 4 :</p> <p>Portfolio Analysis and Financial Derivatives</p> <p>(25 lectures & 10 tutes)</p>	<p>Portfolio and Diversification, portfolio risk and return, mutual fund, Introduction of financial derivatives, Forwards, Futures and Options, Financial Derivatives Market in India</p>	<p>*Lecture and discussion</p> <p>*Problem solving with the help of black-board</p> <p>*Virtual Online trading Platform to make the students familiar with trading and Portfolio analysis.</p>	<p>*Explain and calculate portfolio risk and return.</p> <p>*Understand portfolio theory of portfolio selection and Capital market theory.</p> <p>*Calculate expected return and Beta of a security.</p> <p>*Understand and use Capital Asset pricing model and derive security Market line.</p> <p>*Explain the concept, advantages and limitations of mutual funds.</p> <p>*Calculate NAV of the Mutual funds.</p> <p>*Understand the</p>	<p>Evaluation through class participation & Assignment</p>

			<p>meaning of derivatives and various types of derivatives, Forward, future, and option.</p> <p>*Determine the pricing of futures.</p> <p>*Determine payoffs from various positions on call and put option</p> <p>.</p>	
<p>UNIT 5 :</p> <p>Investor protection</p> <p>(8 lectures, 2 tutorial)</p>	<p>Role of SEBI and Stock Exchanges in Investor protection, Investor grievances and their redressal system, insider trading</p>	<p>*Lecture and discussion</p> <p>*Problem solving with the help of black-board</p>	<p>*Analyze role of SEBI and stock exchange in investor protection</p> <p>*Understand investor grievances and their redressal system.</p> <p>*Explain the various reforms in Indian Stock market.</p> <p>*Understand prohibition of insider trading and regulation of unpublished price sensitive information.</p> <p>*Know the role of BSE and NSE in Investor protection</p>	<p>Evaluation through Presentation</p>

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