

**Generic Elective- 3.3(GE-3.3): Investing in Stock Markets**  
**CREDIT DISTRIBUTION, ELIGIBILITY AND PRE-REQUISITES**  
**OF THE COURSE**

Course title & Code	Credits	Credit distribution of the course			Eligibility criteria	Pre-requisite of the course (if any)
		Lecture	Tutorial	Practical/ Practice		
GE 3.3- Investing in Stock Markets	4	3	1	0	Pass in XII	NIL

**Learning Objectives**

The course aims to familiarize the students with the skills required to operate in the stock market. They can learn the trading mechanism of the stock exchanges.

**Learning outcomes**

After completion of the course, learners will be able to:

1. Evaluate the investment environment as well as risk & return framework.
2. Conduct fundamental analysis to identify under-priced/overpriced securities.
3. Conduct technical analysis to make buy and hold decisions in the stock market.
4. Describe the functioning of Indian Stock Market.
5. Analyse mutual funds as an investment alternative.

**SYLLABUS OF GE 3.3**

**Unit 1: Basics of Investing (9 hours)**

Basics of investment & investment environment. Concept of risk and return, Risk and return trade-off, Types of investing and investors. Avenues of investments - Equity shares, Preference shares, Bonds & Debentures, Insurance schemes, Mutual funds, Index funds, ETF. Security markets - primary Market, secondary Market and derivative market. Responsible Investment.

**Unit 2: Fundamental Analysis (9 hours)**

Top-down and bottom-up approaches, Analysis of international & domestic economic scenario, industry analysis, company analysis (quality of management, financial analysis: both annual and quarterly, income statement analysis, position statement analysis including key financial ratios, cash flow statement analysis, EBIT,

capital gearing ratio, return on investment, return on equity, EPS and DPS analysis, Industry market ratios: operating profit ratio, net profit ratio, PE, PEG, price over sales, price over book value, dividend yield, earning yield, debt equity ratio, eva). Understanding the shareholding pattern of the company.

### **Unit 3: Technical Analysis (9 hours)**

Trading rules (credit balance theory, confidence index, filter rules, market breadth, advances vs declines) and charting (use of historic prices, simple moving average and MACD, basic and advanced interactive charts). Do's & Don'ts of investing in markets.

### **Unit 4: Indian Stock Market (9 hours)**

Primary Markets (IPO, FPO, Private placement, OFS), Secondary Markets (cash market and derivative market: Futures and Options), Market Participants: stock broker, investor, depositories, clearing house, stock exchanges. role of stock exchange, stock exchanges in india BSE, NSE and MCX. Security market indices: Nifty, Sensex and sectoral indices, Sources of financial information. Trading in securities: Demat trading, types of orders, using brokerage and analyst recommendations.

### **Unit 5: Investing in Mutual Funds (9 hours)**

Concept and background of mutual funds: advantages, disadvantages of investing in mutual funds, types of mutual funds- open-ended, close-ended, equity, debt, hybrid, index funds, exchange traded funds and money market funds. Factors affecting the choice of mutual funds. CRISIL mutual fund ranking and its usage. Calculation and use of Net Asset Value.

### **Exercises:**

The learners are required to:

1. Compute risk and return of various investment alternatives using excel spreadsheet.
2. Estimate the value of equity stocks of at least 2 listed companies by applying principles of fundamental analysis.
3. Extract historical prices and volumes of equity stocks of any two companies. Predict their price movements using appropriate methods of technical analysis.
4. Extract all the forms and documents required for listing of a public company on the Stock exchange. Prepare a report on the activities performed by a Merchant Banker for launching an Initial Public Offer.
5. Pick any three mutual funds and compare them on the basis of their risk parameters, portfolio holdings and historical return.

### **Suggested Readings:**

- Chandra, P. (2017). *Investment Analysis and Portfolio Management*: Tata McGraw Hill Education, New Delhi.
- Chaturvedi S., Kaur G., Singh A. & Kaur J. (2021). *Investing in Stock Markets*. Scholar Trust Press.
- Kevin, S. (2022). *Security Analysis and Portfolio Management*: PHI Learning, Delhi.
- Kumar V., Kumar N., & Sethi R. (2021). *Investing in Stock Markets*. Ane Books.
- Pandian, P. (2012). *Security Analysis and Portfolio Management*. New Delhi: Vikas Publishing House.
- Ranganatham, M., & Madhumathi, R. (2012) *Security Analysis and Portfolio Management*: Pearson Education, India.
- Singh J. K. & Singh A. K. (2017). *Investing in Stock Markets*. Delhi: A. K. Publications, Delhi.
- Tripath V. & Pawar N. (2022). *Investing in Stock Markets*: Taxmann Publications.

**Note: Suggested readings will be updated by the Department of Commerce and uploaded on Department's website**

**Note: Examination scheme and mode shall be as prescribed by the Examination Branch, University of Delhi, from time to time.**