

KU5SECECO301: EXPERIENCING INDIAN STOCK MARKET

Semester	Course Type	Course Level	Course Code		Credits	Total Hours
V	SEC	300-399	KU5SECECO301		3	60
Learning Approach (Hours/ Week)			Marks Distribution			Duration of ESE (Hours)
Lecture	Practical/ Internship	Tutorial	CE	ESE	Total	
2	2	0	25	50	75	1.5

Course Description:

The course aims to equip the participants with necessary practical application expertise along with theoretical understanding in stock market analysis. Students can apply the same for wealth creation through investment in equity markets and also for research purposes. The course introduces students to capital market, equity analysis and investment. It will equip them to: understand the risk-return profiles of various asset classes, set financial goals, do asset allocation and implement the appropriate asset allocation strategies. It will equip the students with the competence to make good investment decisions. This course will give students a brief, but broad introduction to the capital markets - the primary and secondary markets, investors, intermediaries, regulators, securities traded, trading mechanism, risk and return, fundamental and technical analysis etc.

Course Prerequisite: NIL**Course Outcomes:**

At the end of the course the student will be able to;

CO No.	Expected Outcome	Learning Domains
CO 1	Evaluate the structure and function of the stock market, including primary and secondary markets, and synthesize knowledge of Indian stock market exchanges (NSE, BSE, MCX) and SEBI regulations.	An, E
CO 2	Critically analyze company financial statements and valuation methods to assess company performance and investment potential	An, E
CO 3	Analyze technical indicators, including lagging (moving averages, ADX) and leading (momentum, RSI) indicators, and synthesize these interpretations to guide trading decisions.	An, E
CO 4	Assess and apply market analysis software tools, participate in simulated trading sessions, and conduct real-world analysis guided by industry and stock market experts.	An, E

***Remember (R), Understand (U), Apply (A), Analyse (An), Evaluate (E), Create (C)**

-Mapping of Course Outcomes to PSOs

CO -	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6	PSO 7
CO 1	✓	✓	✓				
CO 2		✓	✓	✓			
CO 3		✓	✓			✓	
CO 4		✓		✓	✓	✓	

COURSE CONTENT

Contents for Classroom Transaction

M O D U L E	U N I T	DESCRIPTION	HOURS
1	BASICS OF PRACTICAL GUIDANCE TO STOCK MARKET		9
	1	a) What is stock market: Primary and secondary market, Indian stock markets (NSE BSE, MCX), Regulatory framework (SEBI rules) -	4
		b) Financial instruments: Equity shares, bonds, mutual funds, exchange traded funds (ETFs), derivatives	
	2	STOCK MARKET TERMINOLOGIES : Bid, Ask/Offer, Spread, Broker, Yield, Volatility, Lot size, Bull and bear market, IPO, Market capitalization, Portfolio, Dividends, Short selling, Intraday trading, Delivery, Market order, Limit order, Stop-loss order, Demat account, Listing of securities	5
2	FUNDAMENTAL ANALYSIS (including practical sessions)		14
	1	Economic and Industry analysis	6
		Company analysis and valuation-- Understanding financial statements (balance sheet, cash flow statement etc)	
	2	a) Analysis of important financial ratios with interpretation-- price-earning ratio-- price book ratio --return on capital employed-- return onequity--dividend yield(numerical problems and case analysis)	8
		b) Introduction to mutual funds ,hedge funds and insurance	
	TECHNICAL ANALYSIS (including practical sessions)		17
	1	a) Principles of technical analysis--Chart types(line charts, bar charts,candle stick charts) and patterns (reversal,	9

3		consolidation and trend patterns) with interpretation	8
		b) Technical indicators: lagging indicators such as moving averages and Average directional index (ADX)--- leading indicators (oscillators) such as momentum, Relative strength index (RSI) with interpretation	
	2	a) Volume analysis-- volume and trends--volume and chart pattern--volume interpretation b) Trading psychology including biases (anchoring bias, overconfidence bias, confirmation bias , loss aversion and herd instinct) and risk management - Numerical problems and Case analysis wherever possible	
4	TRADING MECHANISM AND PRACTICAL APPLICATION		10
	1	Depositories, NSDL, CDSL-Clearing and settlement process - Construction of Stock market indices-- SP BSE index, CNX Nifty index - Market analysis software tools such as NSE--Simulated trading sessions--Real world analysis (classes by industry and stock market experts)	
5	Teacher Specific Module Directions - Visual Aids: Show live data from NSE/BSE websites - Students simulate an IPO process or track stock prices for a week. - Discuss articles Financial newspapers (The Economic Times, Business Standard) Case Discussion: Compare two industries (e.g., FMCG vs IT) using Porter's model. Practical Exercise: Students analyze financial statements from company annual reports		10

Essential Readings:

- Pilbeam, K. (2018). *Finance and financial markets* (4th ed.). Bloomsbury Academic / Red Globe Press. (for unit 1.1 and 1.2)
- Galagedera, D. U. A. (2007). A review of capital asset pricing models. *Managerial Finance*, 33(10), 821-832. doi: 10.1108/03074350710779269 (for 1.3)
- NSE Academy. (2024). *Study material (E-workbook & LMS) for NCFM modules*

Reference Distribution:

Module	Unit	Reference No.	Remarks
1	1	Essential Reading 1, 2	
	2		
2	1	Essential Reading 1, 2, 3	

	2		
3	1	Essential Reading 1,2,3	
	2		
4	1	Essential Reading 1, 2, 3	

Suggested Readings:

1. Macedo, L. M. L. (2018). *An Inquiry into the Validity of Technical Analysis in Financial Markets with the Use of Evolutionary Techniques* (Doctoral dissertation, Universidade de Coimbra (Portugal)).
2. Lo, A. W., Mamaysky, H., & Wang, J. (2000). Foundations of technical analysis: Computational algorithms, statistical inference, and empirical implementation. *The journal of finance*, 55(4), 1705-1765.

Assessment Rubrics:

Evaluation Type		Marks
End Semester Evaluation Theory		35
End Semester Evaluation-Practical		15
End Semester Evaluation-Total		50
Continuous Evaluation Theory		15
a)	Test Paper- 1	5
b)	Test Paper-2	5
c)	Assignment	5
d)	Seminar	
e)	Book/ Article Review	-
f)	Viva-Voce	-
Continuous Evaluation-Practical Field/ Practical Report		10
Continuous Evaluation-Total		25
Total		75