

Course in Charge: Dr. Franco T. Francis

DETAILED SYLLABUS: Core Course 1 in Major –ECO1CJ101 PRINCIPLES OF ECONOMICS

Module	Unit	Content	Hrs	Marks
I		Basic Principles of Economics	10	15
		How People Make Decisions		
	1	People Face Trade-Offs	1	
	2	The Cost of Something Is What You Give	1	
	3	Rational People Think at the Margin	1	
	4	People Respond to Incentives	1	
		How People Interact		
	5	Trade Can Make Everyone Better Off	1	
	6	Markets Are Usually a Good Way to Organize Economic Activity	1	
	7	Governments Can Sometimes Improve Market Outcomes	1	
		How the Economy as a Whole Works		
	8	A Country's Standard of Living Depends on its Ability to Produce Goods and Services	1	
	9	Prices Rise When the Government Prints Too Much Money	1	
	10	Society Faces a Short-Run Trade-Off between Inflation and Unemployment	1	
II		Thinking like an Economist	10	15
	11	The Economist as Scientist: The Scientific Method: Observation, Theory, and More Observation, The Role of Assumptions, Economic Models, The Circular-Flow Diagram, The Production Possibilities Frontier, Microeconomics and Macroeconomics;	4	
	12	The Economist as Policy Adviser: Positive versus Normative Analysis, Why Economists' Advice Is Not Always Followed;	3	
	13	Why Economists Disagree: Differences in Scientific Judgments, Differences in Values, Perception versus Reality	3	
III		Limits, Alternatives, and Choices	10	15
	14	The Economic Perspective: Scarcity and Choice, Purposeful Behaviour, Marginal Analysis: Comparing Benefits and Costs	3	
	15	Individual's Economizing Problem	2	
	16	Society's Economizing Problem	2	

	17	Unemployment, Growth, and the Future: A Growing Economy, Present Choices and Future Possibilities, A Qualification: International Trade	3	
IV		The Market System	15	25
	18	Economic Systems: Laissez-Faire Capitalism, The Command System, The Market System	2	
	19	Characteristics of the Market System: Private Property, Freedom of Enterprise and Choice, Self-Interest, Competition, Markets and Prices, Technology and Capital Goods, Specialization, Use of Money, Active but Limited Government	2	
	20	Five Fundamental Questions: What Will Be Produced?	4	
		How Will the Goods and Services Be Produced? Who Will Get the Output? How Will the System Accommodate Change? How Will the System Promote Progress?		
	21	The “Invisible Hand”: The Demise of the Command Systems, The Incentive Problem	3	
	22	How the Market System Deals with Risk: The Profit System, Shielding Employees and Suppliers from Business Risk, Benefits of Restricting Business Risk to Owners	4	

Programme	B.A. Economics Honours				
Course Title	SECURITY TRADING PRACTICES				
Type of Course	MDC				
Semester	I				
Academic Level	100 – 199				
Course Details	Credit	Lecture per week	Tutorial per week	Practical per week	Total Hours
	3	3	-	-	45
Pre-requisites	Basic course on stock market of level 0 - 99				
Course Summary	This course is designed to provide a theoretical and practical background in the field of investments.				

COURSE OUTCOMES (CO):

CO	CO Statement	Cognitive Level*	Knowledge Category#	Evaluation Tools used
CO 1	Students will acquire a conceptual foundation in the field of investments.	U	C	Instructor-created exams / Quiz
CO 2	Learners will gain skills in designing and managing both bond and equity portfolios in real-world scenarios.	Ap	P	Practical Assignment using paper trading app
CO 3	Students will be able to value various financial instruments, including equity and debt securities	An	P	Seminar Presentation / Group Discussion
CO 4	Evaluate the characteristics of various avenues of investment.	E	M	Instructor-created exams / Home Assignments
* - Remember (R), Understand (U), Apply (Ap), Analyse (An), Evaluate (E), Create (C) # - Factual Knowledge(F) Conceptual Knowledge (C) Procedural Knowledge (P) Metacognitive Knowledge (M)				

DETAILED SYLLABUS:

Module	Unit	Content	Hrs	Marks
I		Investment Environment, Markets and Instruments	8	11
	1	Financial Market—Primary and Secondary market	1	
	2	instruments of secondary market;	1	
	3	Major Agencies of Secondary market: NSE, BSE, CDSL, NSDL, SEBI	2	
	4	Different types of trading—overview of derivative market, futures and options, Major indices of BSE and NSE.	2	
	5	Different trader in the secondary market—FIIs, DIIs, retailers	2	
II		Equity Selection	8	11

	6	The Fundamental Analysis: Meaning and importance	1	
	7	Important ratios; Price-to-Earnings (P/E) ratio-Price-to-Book (P/B) ratio -Dividend Yield, Earnings Per Share (EPS), ROCE and ROE, D/EBITDA, EV/ EBITDA	2	
	8	Technical Analysis: Meaning and importance	2	
	9	important methods—chart, candle sticks-- important indicators namely, Support, resistance, RSI, Moving Average, volume, price channel, VIX –	3	
III	Portfolio Creation		8	11
	10	Theories of portfolio creation: Capital Asset Pricing Model (CAPM), Arbitrage Pricing Theory (APT), Markowitz portfolio theory, Behavioural Portfolio Theory	4	
	11	Different types of Brokers-- Process of opening a demat account with a discount broker--	2	
	12	Maintain trading account details— P& L statement-- capital gain – capital gain tax -- details that are to be included in the income tax return.	2	
IV	Trade Management		12	17
	13	Different Sectors in secondary market eg Banking, Auto, pharma, IT, infrastructure, FMCG etc.	2	
	14	Portfolio allocation and selection in different sectors. Maintaining risk- reward—Position sizing of equities	2	
	15	Capital building through cumulative investment	2	
	16	Trader psychology—need and approach to maintain good psychology by a trader	2	
	17	Practice—download a virtual trading platform and selection	1	
	18	Creating portfolio composing of multiple segments	1	
	19	Getting familiar with the demat account of any one broker preferably select one who do not charge AMC or brokerage fees	2	
V	Open Ended Module		9	
		Analyze the current trend Draw accurate trend lines Identify crucial support and resistance levels Make informed decisions on entry and exit points Trade in range-bound markets Use trading signals with different indicators		

Note: The course is divided into five modules, with four modules together having total 19 fixed units and one open-ended module with a variable number of units. There are total 36 instructional hours for the fixed modules and 9 hours for the open-ended one. Internal assessments (25 marks) are split between the open-ended module (5 marks) and the fixed modules (20 marks). The final exam, however, covers only the 19 units from the fixed modules. The 50 marks shown in the last column, distributed over the first four modules, is only for the external examination.

REFERENCE:

1. "Investments" by Zvi Bodie, Alex Kane, and Alan J. Marcus (McGraw-Hill, 12th edition, 2023)
2. "The Stock Market Game" by Robert Hagstrom (John Wiley & Sons, 10th edition, 2022)
3. "Investing for Dummies" by Matthew Krantz (Wiley, 6th edition, 2023)
4. "The Intelligent Investor" by Benjamin Graham (HarperCollins, Revised edition by Jason Zweig, 2003)

5. "Security Analysis" by Benjamin Graham, David L. Dodd, and Sidney B. Zweig (McGraw-Hill, 8th edition, 2014)
6. "Technical Analysis Explained" by Martin Pring (McGraw-Hill, 5th edition, 2018)
7. "Trading in the Zone" by Mark Douglas (Harriman House Publishers, 3rd edition, 2011)
8. "Demat and Trading Guide" by NSE Academy (Available online at nseindia.com)
9. "A Random Walk Down Wall Street" by Burton Malkiel (Norton, 13th edition, 2023)
10. "The Art of Asset Allocation" by Roger Ibbotson and Rex Sinquefeld (Wiley, 5th edition, 2019)

MAPPING OF COs WITH PSOs:

	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	PSO9
CO 1	3	-	-	-	-	-	-	-	-
CO 2	-	3	-	1	-	-	2	-	-
CO 3	3	-	-	1	-	-	-	-	-
CO 4	-	3	1	2	-	-	3	-	-

CORRELATION LEVELS:

Level	Correlation
-	Nil
1	Slightly / Low
2	Moderate / Medium
3	Substantial / High

ASSESSMENT RUBRICS:

- Quiz / Assignment/ Viva Voce/ Discussion / Seminar
- Internal Exam
- Practical Assignments (20%)
- Final Exam (70%)

MAPPING OF COs TO ASSESSMENT RUBRICS:

	Internal Exam	Quiz / Assignment/ Viva Voce/ Discussion / Seminar	Practical Assignment	End Semester Examination
CO 1	✓	✓		✓
CO 2	✓		✓	✓
CO 3	✓	✓		✓
CO 4	✓	✓		✓