STELLA MARIS COLLEGE (AUTONOMOUS), CHENNAI

COURSE PLAN (June - November 2026)

Department : **ECONOMICS**

Name/s of the Faculty : **Ms. JUMIE GEORGE**

Course Title : **MICROECONOMIC ANALYSIS – I**

Course Code : **23EC/PC/MI14**

Shift : **I**

COURSE OUTCOMES (COs)

COs	Description	CL
CO1	explain the microeconomic concepts and acquire knowledge and tools and relate to real world situations	K1
CO2	apply the knowledge of microeconomic theory and integrate it with other areas of economics	K2
CO3	articulate and demonstrate the tools required to solve specific economic issues or problems	K3
CO4	analyse the decision-making process of households and firms in the light of theoretical models and understand their limitations	K4
CO5	develop critical and analytical skills in order to discuss the validity and relevance of the models in the light of global economic concerns	K5-K6

Week	Unit No.	Content	Cognitive Level	Teaching Hours	COs	Teaching Learning Methodology	Assessment Methods
Jun 22, 2026 (Day Order 6)	I	Introduction 1.1 Marginal Analysis	K1-K4	1	CO 1-3	Lecture Discussions Problem Solving	CA Test I
Jun 23 – July 1, 2026 (Day Order 1- 6)	I	**Introduction** 1.1 Marginal Analysis 1.2 Tools of economic analysis – Optimization with equality constraints	K1-K4 K1-K3	2 3	CO 1-3	Lecture Discussions Problem Solving	CA Test I Class presentations
July 2 – July 8, 2026 (Day Order 1- 6)	II	**Demand** 2.1 Cardinal and Ordinal Approaches –Utility Maximization using calculus 2.2 Revision of demand theory	K1-K3 K1-K6	3 2	CO 1-5	Lecture Discussions Problem Solving	CA Test I Class presentations Quiz
July 9 – 16, 2026 (Day Order 1- 6)	II	2.3 Revealed preference theory 2.4 Application of the consumer behaviour 2.5 Risk and uncertainty – expected utility Hypothesis	K1-K4 K3-K6 K3-K6	1 2 2	CO 1-5	Lecture Discussions	CA Test I Class presentations Quiz
July 17 – 24, 2026 (Day Order 1- 6)	II	2.6 Consumer surplus and	K1-K3	2	CO 1-5	Lecture	CA Test I

		elasticity measurements 2.7 Recent development in Demand Theory– Econometric models 2.8 Application: Determination of demand curve using Indian Agriculture or Industrial Data	K4-K6 K4-K6	2 1		Discussions	Class presentations Quiz
July 25 – 28, 2026 (Day Order 1- 3)	III	**Production** 3.1 Production Functions – Properties of Linear homogeneous production function	K1-K4	3	CO 1-5	Lecture Discussions	CA Test I Class presentations Quiz
July 29 – Aug 3, 2026	**C.A. Test - I**						
Aug 4 - 6, 2026 (Day Order 4 - 6)	III	3.2 Cobb –Douglas production function 3.3 C.E.S Production Function	K3-K6 K3-K6	1 2	CO 1-5	Lecture Discussions Problem Solving	CA Test II Quiz
Aug 7 – 14, 2026 (Day Order 1- 6)	III	3.4 Variable proportions and Returns to Scale 3.5 Elasticity of factor substitution and technical progress	K1-K4 K1-K3	3 2	CO 1-5	Lecture Discussions Problem Solving	CA Test II Class presentations Quiz
Aug 17 - 24, 2026 (Day Order 1- 6)	III	3.6 Producer's equilibrium and cost	K1-K3	2	CO 1-5	Lecture	CA Test II

		Minimization 3.7 Equilibrium of the multi-product firm 3.8 Application: Fitting production function using Indian Industrial/Agricultural Data base	K4-K6 K4-K6	2 1		Discussions Problem Solving	Class presentations Quiz
Aug 25 – Sep 2, 2026 (Day Order 1- 6)	IV	**Cost** 4.1 Traditional theory of Cost 4.2 Modern theory of cost	K1-K3 K1-K5	3 2	CO 1-5	Lecture Discussions Problem Solving	CA Test II Class presentations Quiz
Sep 3 – 11, 2026 (Day Order 1- 6)	IV	4.2 Modern theory of cost 4.3 Cost Curves – The relation between production and cost	K1-K5 K1-K3	2 3	CO 1-5	Lecture Discussions Problem Solving	CA Test II Class presentations Quiz
Sep 15-17, 2026 (Day Order 1 - 3)	IV	4.4 Application Calculation of cost using Industrial data	K4-K6	3	CO 1-5	Discussion Case study	Class presentations
Sep 18 –23, 2026	**C.A. Test – II**						
Sep 24 - 28, 2026 (Day 4 – 6)	V	**Theory of Firm** 5.1 Price – output decisions under perfect competition	K1-K6	3	CO 1-5	Lecture Discussion	Class presentations

Sep 29 – Oct 7, 2026 (Day Order 1 - 6)	V	5.2 Monopoly 5.3 Price Discrimination 5.4 Control of monopoly	K1-K6	2 2 1	CO 1-5	Lecture Discussion	Class presentations
Oct 8 - 14, 2026 (Day Order 1 - 6)	V	5.5 Monopolistic competition and excess Capacity 5.6 Application: Study of the current market scenario using both primary and secondary data (Market survey and presentation)	K1-K6 K1-K6	3 2	CO 1-5	Lecture Discussion	Class presentations
Oct 15 - 21, 2026 (Day Order 1- 4)	**REVISION**						

STELLA MARIS COLLEGE (AUTONOMOUS), CHENNAI

COURSE PLAN (June - November 2026)

Department : **Economics**

Name/s of the Faculty : **Ms. Rekha M**

Course Title : **Monetary Economics**

Course Code : **23EC/PC/MO14**

Shift : **I**

COURSE OUTCOMES (COs)

COs	Description	CL
CO1	To understand the key concepts and theories in Monetary Economics	K1, K2
CO2	To apply the theoretical models to a given economic scenario	K3
CO3	To analyse the problems and prospects involved in the operation of the monetary and financial system	K4
CO4	To critically evaluate the relevance of existing theoretical knowledge	K5
CO5	To construct and create suitable models and policies with respect to monetary theory and suggest suitable policy measures	K6

Week	Unit No.	Content	Cognitive Level	Teaching Hours	COs	Teaching Learning Methodology	Assessment Methods

Jun 22, 2026 (Day Order 6)	1	**Demand for Money** 1.1 Classical –Role of Money and Transaction Approach	K1-K4	1	C01-5	Lecture/Discussion	Quiz 1, Class Discussion, and CA 1.
Jun 23 – July 1, 2026 (Day Order 1- 6)	1 1	1.2 Keynesian- Keynes Liquidity Preference Theory 1.3 Post Keynesian theories –Baumol, Tobin and Friedman	K1-K5 K1-K5	3 2	C01-5 C01-5	Lecture/Case analysis of money demand during inflation/recession Lecture/ Data interpretation of interest rates and money holdings	Quiz 1, Class Discussion, and CA 1.
July 2 – July 8, 2026 (Day Order 1- 6)	2	1.4 The Expected Utility Hypothesis –Neumann – Morgenstern Model (NM)	K1-K5	3	C01-5	Lecture/ Group Discussion	Quiz 1, Class Discussion, and CA 1.

		Unit 2 Money Supply and Central Banking 2.1 The Supply of Monetary Base by the Central Bank – Demand for Currency by Public.	K1-3	2	C01-5	Lecture /RBI Annual Report Analysis	Quiz 1, Class Discussion, and CA 1
July 9 – 16, 2026 (Day Order 1- 6)		2.2 Mechanical Theories of Money Supply – Money Supply Identities (Deriving Monetary Base) 2.3 The Behavioural theory of Money Supply	K4 K5	3 2	CO1-4 CO1-4	Lecture/ RBI Annual Report Analysis Lecture /Case study on banking crises	C.A Test, Data Exercise, Quiz Quiz 1, Class Discussion, and CA 1.
July 17 – 24, 2026 (Day Order 1- 6)	2	2.4 The General Money Supply Function and its Empirical Estimates – Interest Elasticity of Money Supply.	K4	5	CO1-5	Lecture/ Interpretation of empirical studies	Quiz 1, Class Discussion, and CA 1.

July 25 – 28, 2026 (Day Order 1- 3)	3	**Unit 3 Monetary and Portfolio Approach to BOP and Exchange rate Determination** 3.1 A Nation's Monetary Base and Money Stock – Relationship between Monetary Base, Money Stock and Exchange Rate	K3	3	CO1-3	Lecture, Group Discussion, Exchange Rate Trend Analysis using RBI data & Solving exchange rate determination problems	Quiz 1, Class Discussion, and CA 1.
July 29 – Aug 3, 2026	**C.A. Test - I**						
Aug 4 - 6, 2026 (Day Order 4 - 6)	3	3.2 Managed Exchange Rates: Foreign Exchange Rate Interventions – Types, Financing Interventions, Learning with or against the wind, Foreign Exchange Interventions and Money Stock, Sterilization of Interventions	K5	3	CO1-4	Lecture, Discussion, Case Study& Policy Brief, Presentation	Quiz 2, Class Discussion, and CA 2.
Aug 7 – 14, 2026 (Day Order 1- 6)	3	3.3 Monetary Approach to BOP and Exchange Rate Determination-Cambridge Approach to Money Demand,	K6	5	CO1-5	Lecture/Discussion/ Review Paper & Case Study	Quiz 2, Class Discussion, and CA 2.

		Monetary Approach and Fixed and Flexible Exchange Rate Arrangement					
Aug 17 - 24, 2026 (Day Order 1- 6)	3	3.4 Applying the Monetary Approach -2 Country Model 3.5 Portfolio Approach to Exchange Rate Determination – Household Allocation of Wealth, Change in Domestic Money Stock, Change in Foreign Interest Rates	K5 K6	2 3	CO1-4 CO1-5	Lecture/Discussion /Model Simulation Exercise/ Presentation. Lecture/Discussion /Model Simulation Exercise/ Presentation.	Quiz 2, Class Discussion, and CA 2.
Aug 25 – Sep 2, 2026 (Day Order 1- 6)	4	**Unit 4 Financial Sector in India** 4.1 Gurley and Shaw Thesis- Interest Rates and Monetary Policy 4.2 Structure of Financial Sector in India- Banking and Non- Banking Institutions	K5 K5	3 3	CO1-4 CO1-5	Lecture/Discussion, Analysis of financial deepening indicators & Application to Indian financial sector. Presentation, Mapping India's financial institutions & Sectoral analysis of banking and NBFCs	Quiz 2, Class Discussion, and CA 2. Quiz 2, Class Discussion, Infographic Submission & CA 2.

Sep 3 – 11, 2026 (Day Order 1- 6)	4	4.3 Reforms in Financial Sector in India since 1990 -Banking and Non-Banking Reforms 4.4 Impact of Financial Reforms	K6	5	C01-5	Lecture/Discussion, Timeline Development Project, Evaluation of reform outcomes	Quiz 2, Class Discussion, and CA 2.
Sep 15-17, 2026 (Day Order 1 - 3)	5	**Unit 5 Monetary Policy** 5.1 Monetary Transmission Mechanism	K6	3	C01-5	Lecture/Discussion	Country Study Article Review
Sep 18 –23, 2026	**C.A. Test - II**						
Sep 24 - 28, 2026 (Day 4 – 6)	5	5.2 Overview of Monetary Policy-Objectives, Targets, Lags and Instruments	K5	5	CO1-5	Lecture/Discussion	Country Study Article Review
Sep 29 – Oct 7, 2026 (Day Order 1 - 6)	5	5.3 Monetary Policy in India since 1990-Monetary Policy Framework	K6	5	CO1-5	Lecture/Discussion & RBI Bulletin Review Lecture/Discussion & RBI Bulletin Review	Country Study Article Review

Oct 8 - 14, 2026 (Day Order 1 - 6)	5	5.4 Autonomy of the Central Bank- Measurement of Autonomy	K6	4	CO1-5	Lecture/Discussion	Article Review
Oct 15 - 21, 2026 (Day Order 1- 4)	**REVISION**						

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STELLA MARIS COLLEGE (AUTONOMOUS), CHENNAI

COURSE PLAN (June - November 2026)

Department : **Economics**

Name/s of the Faculty : **Dr Sr Stella Mary Fmm, Ms Amala V L**

Course Title : **Development Economics**

Course Code : **23EC/PC/DE14**

Shift : **1**

COURSE OUTCOMES (COs)

COs	Description	CL
CO1	demonstrate the understanding of the difference between growth and development and use the key concepts and theories to economic issues.	K1, K2
CO2	analyse empirical evidence on the patterns of economic development	K3
CO3	apply the theoretical models to a given economic scenario.	K4
CO4	critically evaluate the relevance of existing theoretical knowledge	K5
CO5	construct and create suitable models and policies for development issues.	K5,K6

Week	Unit No.	Content	Cognitive Level	Teaching Hours	COs	Teaching Learning Methodology	Assessment Methods

Jun 22, 2026 (Day Order 6)	1	**Development and Growth** 1.1 Historical overview of Development	K1–K3	1	1-5	Lecture,Group Discussions	Assignment , Concept test, Group Discussion, Seminar, Case Study, Quiz
Jun 23 – July 1, 2026 (Day Order 1- 6)	1	1.2 Development Vs. Growth 1.3 Poverty and Inequality – Nurske, Lorenz and Sen's contribution	K1–K3 K1–K5	5	1-5	Lecture,Group Discussions,Case Analysis,Presentation	Assignment , Concept test, Group Discussion, Seminar, Case Study, Quiz
July 2 – July 8, 2026 (Day Order 1- 6)	1 2	1.4 Theory of Disguised Unemployment – R. Nurkse **Theories of Economic Development** 2.1 Classical Theory of Development – Adam Smith, Ricardo and Malthus.	K1–K5 K1–K5	5	1-5	Lecture,Group Discussions,Case Analysis	Assignment , Concept test, Group Discussion, Seminar, Case Study, Quiz
July 9 – 16, 2026 (Day Order 1- 6)	2	2.2 Karl Marx and Development of capitalist economy –	K1–K5	5	1-5	Lecture,Group Discussions,Presentation,Case Analysis	Assignment , Concept test, Group Discussion,

		Theory of social change, surplus value and profit					Seminar, Case Study, Quiz
July 17 – 24, 2026 (Day Order 1- 6)	2	2.3 Scumpeter's Theory of Development – innovation, role of credit, profit and social disintegration of capitalism	K1–K5	5	1-5	Lecture,Group Discussions,Case Analysis	Assignment , Concept test, Group Discussion, Seminar, Case Study, Quiz
July 25 – 28, 2026 (Day Order 1- 3)	2	2.4 Big push theory of development.	K1–K5	3	1-5	Lecture,Group Discussions,Case Analysis	Assignment , Concept test, Group Discussion, Seminar, Case Study, Quiz
July 29 – Aug 3, 2026	**C.A. Test - I**						
Aug 4 - 6, 2026 (Day Order 4 - 6)	3	**The Dual Economy Models** 3.1 Balance and Unbalanced growth	K1–K3	2	1-5	Lecture,Group Discussions,Case Analysis	Assignment , Concept test, Group Discussion, Seminar, Case Study, Quiz
Aug 7 – 14, 2026 (Day Order 1- 6)	3	3.2 Unlimited supply of labour – Dual Sector Model – W. A. Lewis, Fei and Ranis Model. D	K1–K5	5	1-5	Lecture,Group Discussions,Case Analysis	Assignment , Concept test, Group Discussion,

		W Jorgenson's Model of Dual Economy					Seminar, Case Study, Quiz
Aug 17 - 24, 2026 (Day Order 1- 6)	3	3.3 Dualistic Theory – Benjamin Higgins, Myrdal: Social Technological Geographic Financial Dualism	K1–K5	5	1-5	Lecture,Group Discussions,Case Analysis	Assignment , Concept test, Group Discussion, Seminar, Case Study, Quiz
Aug 25 – Sep 2, 2026 (Day Order 1- 6)	3	3.4 Rural Urban Migration A two Sector Analysis – J. R. Harris and M. P. Todaro	K1–K5	5	1-5	Lecture,Group Discussions,Case Analysis	Assignment , Concept test, Group Discussion, Seminar, Case Study, Quiz
Sep 3 – 11, 2026 (Day Order 1- 6)	4	**Theories of Development and the Indian Experience** 4.1 Indian Social Structure and Development – Caste, Properties and Common Property Resources 4.2 Agriculture and land; access to land	K1–K6 K1–K5	5	1-5	Lecture,Group Discussions,Case Analysis,Presentation	Assignment , Concept test, Group Discussion, Seminar, Case Study, Quiz

Sep 15-17, 2026 (Day Order 1 - 3)	4	4.3 Education- Access to Education	K1–K6	3	1-5	Lecture,Group Discussions,Case Analysis,Presentation	Assignment , Concept test, Group Discussion, Seminar, Case Study, Quiz
Sep 18 –23, 2026	**C.A. Test - II**						
Sep 24 - 28, 2026 (Day 4 – 6)	4	4.4 Employment- Access to Employment	K1–K6	2	1-5	Lecture,Group Discussions,Case Analysis,Presentation	Assignment , Concept test, Group Discussion, Seminar, Case Study, Quiz
Sep 29 – Oct 7, 2026 (Day Order 1 - 6)	5	**Development and Related Issues** 5.1 Population – Demographic Dividend 5.2 Poverty- Multi-Dimensional Poverty	K1–K6 K1–K6	5	1-5	Lecture,Group Discussions,Case Analysis,Presentation	Assignment , Concept test, Group Discussion, Seminar, Case Study, Quiz
Oct 8 - 14, 2026 (Day Order 1 - 6)	5	5.3 HRD indices and Development – Harbison and Miers	K1–K6	5	1-5	Lecture,Group Discussions,Case Analysis,Presentation	Assignment , Concept test, Group Discussion,

		5.4 Role of State in Development	K1–K6				Seminar, Case Study, Quiz
Oct 15 - 21, 2026 (Day Order 1- 4)	**REVISION**						

STELLA MARIS COLLEGE (AUTONOMOUS), CHENNAI
COURSE PLAN (June - November 2026)

Department : **ECONOMICS**
Name/s of the Faculty : **DR. JAYALAKSHMI & MS. SWATI SESHADRI**
Course Title : **RESEARCH METHODS AND ANALYSIS -1**
Course Code : **23EC/PC/RM14**
Shift : **I**

COURSE OUTCOMES (COs)

COs	Description	CL
CO1	Understand theoretical and practical aspects of research in Economics	K1
CO2	Demonstrate an understanding of various research designs, data collection methods, and data analysis techniques	K2
CO3	Develop critical thinking and problem-solving skills to identify gaps, formulate research questions and make informed decisions	K3
CO4	Gain hands-on experience with statistical analysis tools and software to analyze a range of datasets	K4, K5
CO5	Design and execute research projects, demonstrating competence in research design, data collection, analysis, and interpretation	K6

Week	Unit No.	Content	Cognitive Level	Teaching Hours	COs	Teaching Learning Methodology	Assessment Methods
Jun 22, 2026 (Day Order 6)	**1**	**Introduction to Research** 1.1 Overview of Science and Scientific Method	K1- K2	1	1-5	Lecture / Discussion Practicals	CA Test, Practical

Jun 23 – July 1, 2026 (Day Order 1-6)	1 **5**	1.1 Overview of Science and Scientific Method 1.2 Characteristics and Elements of Scientific Methods – Empirical Approach, Observation, Questions, Hypothesis, Experiment, Analyses, Conclusions, Replication **Practical** 5.1 Data Preparation: Logging and Tracking Data, Data Screening, constructing a Database, The Data Codebook, Data Entry, Transforming Data, and Recoding Variables	K1- K6	6	1-5	Lecture / Discussion practical	CA Test, practical
July 2 – July 8, 2026 (Day Order 1-6)	1 5	1.1 Overview of Science and Scientific Method 1.2 Characteristics and Elements of Scientific Methods – Empirical Approach, Observation, Questions, Hypothesis, Experiment, Analyses, Conclusions, Replication 5.1 Data Preparation: Logging and Tracking Data, Data Screening, constructing a Database, The Data Codebook, Data Entry, Transforming Data, and Recoding Variables	K1- K6	6	1-5	Lecture / Discussion practical's	CA Test, practical
July 9 – 16, 2026 (Day Order 1-6)	1	1.3 Goals of Scientific Research – Description, Prediction, Understanding / Explanation 1.4 Social Science Research – Introduction, Meaning, Objectives, Significance, and Limitations 1.5 Types of Research: Pure, Applied, Analytical,	K1- K6	6		Lecture / Discussion Practicals	CA Test, Practicals and Mini Project

	5	Exploratory, 5.1 The Data Codebook, Data Entry, Transforming Data, Recoding Variable 5.2 Data Analysis -Descriptive Statistics – Frequency Distribution, Grouped Frequency Distribution, Summary Statistics					
July 17 – 24, 2026 (Day Order 1-6)	1 **2** 5	1.4 Types of Research: Descriptive, Surveys, Conceptual/ Theoretical Models **Planning and Designing a Research Study** 2.1 Introduction 2.2 Choosing a Research Topic 2.3 Literature Review- Meaning and purpose of a literature review, sources, documenting sources, conducting a literature search, recording the literature, writing a literature review 5.3 Inferential Statistics: Correlation and Regression – Simple, Multiple	K1- K6	6	1-5	Lecture / Discussion Practicals	CA Test, Practicals Case Studies, Presentation
July 25 – 28, 2026 (Day Order 1-3)	2 5	2.4 Research Problem – Meaning, Formulating the research problem 5.3 Inferential Statistics: Correlation and Regression – Simple, Multiple	K1- K6	4	1-5	Lecture / Discussion Practicals	CA Test, Practicals,
July 29 – Aug 3, 2026	**C.A. Test - I**						

Aug 4 - 6, 2026 (Day Order 4 - 6)	2	2.4 Articulating Hypothesis, Specification of Hypothesis 2.6 Overview of Choosing variables to study, Research Participants, and Assigning Study/ Research Participants to Groups	K1-K4	3	1-5	Lecture / Discussion Practicals	CA Test, Practicals Case Studies, Presentation
Aug 7 – 14, 2026 (Day Order 1-6)	2 5	2.7 Choosing Samples: Probability Sampling, Non-Probability Sampling 2.8 Ethical Consideration in Research: Fundamental Ethical Principles: Respect, Beneficence, Knowingness, Voluntariness 5.3 Non-Linear Relationship – Functional Form – Double Log	K1-K6	6	1-5	Lecture / Discussion Practicals	CA Test, Practicals Case Studies, Presentation
Aug 17 - 24, 2026 (Day Order 1-6)	2 3 5	2.8 Introduction to Publication Ethics and Misconduct- Fabrication, Falsification, Plagiarism (types), Redundant Publication or Salami Slicing, Improper Authorship (Gift and Ghost), Conflict of Interest, and Citation Manipulation **Data Collection, Assessment Methods, and Measurement Strategies** 3.1 Types of Data: Time Series, Cross-Sectional, Panel Data 5.3 Simple Log	K1-K6	6	1-5	Lecture / Discussion Practicals	CA Test, Practicals Case Studies, Presentation ct
Aug 25 – Sep 2, 2026 (Day Order 1-6)	3	3.1 Methods of Data Collection 3.2 Introduction to Collecting Primary Data Through Observation: Participant Observation,	K1-K6	6	1-5	Lecture / Discussion Practicals	CA Test, Practicals , Collect Data

	5	Structural Observation, Internet Mediated Observation, Observation using Videography, Collecting primary data using semi-structured, in-depth questionnaires 5.3 Non-Linear Relationship - Reciprocal					
Sep 3 – 11, 2026 (Day Order 1-6)	3 5	3.2 Interviews - Group Interview, Semi-Structured, In-depth, Focus group 3.3 Using Secondary Data - Sources of data (Published): Brief Overview of contents of publications such as Economic Survey, Handbook of Statistics on Indian Economy, World Development Report, Statistical Outline of India, RBI Bulletin, Census Reports, NSSO, Handbook on Indian Agriculture, Internet Website: Ministry of HRD, RBI, World Bank, ADB, IMF 5.3 Regression using Dummy Variable	K1-K6	6	1-5	Lecture / Discussion Practicals	CA Test, Practicals Collect Data
Sep 15-17, 2026 (Day Order 1 - 3)	3	3.4 Scales of Measurement: Nominal, Ordinal, Interval, Ratio, Minimizing Measurement Error, Assessing Reliability, Strategies for increasing reliability	K1-K6	6	1-5	Lecture / Discussion Practicals	CA Test, Practicals Collect Data
Sep 18 –23, 2026	**C.A. Test - II**						

Sep 24 - 28, 2026 (Day 4 – 6)	**4**	**Research Design and Research Report** 4.1 Introduction to Research Design 4.2 Experimental Research Design	K1-K6	6	1-5	Lecture / Discussion Practicals	Mini Project
Sep 29 – Oct 7, 2026 (Day Order 1 - 6)	4 5	4.3 Non- Experimental Designs / Qualitative design: Case Studies, Observation, Survey Studies, Focus Group discussion 4.4 Introduction to Report Writing 5.3 Comparing Several Means – 'ANOVA'	K1-K6	5	1-5	Lecture / Discussion Practicals	Mini Project
Oct 8 - 14, 2026 (Day Order 1 - 6)	4 5	4.5 Types of Report Writing 4.6 Structuring of Research Reports 4.7 Presentation of Research Reports 5.3 Comparing Several Means – 'ANOVA'	K1-K6	5	1-5	Lecture / Discussion Practicals	Mini Project
Oct 15 - 21, 2026 (Day Order 1-4)	**REVISION**						

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STELLA MARIS COLLEGE (AUTONOMOUS), CHENNAI
COURSE PLAN (June - November 2026)

Department : **ECONOMICS**

Name/s of the faculty : **Ms. J Kaviya Nijaritha & Ms. Dorathy Nivedha**

Course Title : **MATHEMATICS FOR ECONOMICS**

Course Code : **23EC/PE/ME15**

Shift : **I**

COURSE OUTCOMES (COs)

COs	Description	CL
CO1	Enumerate advanced mathematical modelling for economic research.	K1
CO2	Integrate economic theories with mathematical techniques to quantitatively infer economic policies.	K2
CO3	Discover problem solving methods in algebra and optimization to sensitively respond to Economic issues.	K3
CO4	Analyze complex quantitative methods to build economic theories.	K4
CO5	Evaluate optimization techniques and dynamic analysis to critique current economic issues and build inclusive policies.	K5-K6

	CL – Cognitive Level **K1 – Remember | K2 – Understand | K3 – Apply | K4 – Analyse | K5 – Evaluate | K6 – Create**						
Week	**Unit No.**	**Content**	**Cognitive Level**	**Teaching Hours**	**COs**	**Teaching Learning Methodology**	**Assessment Methods**
Jun 22, 2026 (Day Order 6)	I	Unit 1 Linear Algebra 1.1 Matrices, Inverse, Simultaneous Linear Equations, Cramer's Rule for Solving System of Linear Equations. 1.2 Rank of a Matrix, Eigen Values and Vectors – Cayley Hamilton's Theorem 1.3 Leontief Input-Output Model, Hawkins –Simon Condition	K1-K5	5	1-5	Lecture/ Problem Solving/ Discussion using Mathematical Economic problems/ Real time case study analysis/ Research paper analysis	Problem Assignment/ Quiz / Article Review/ CA
Jun 23 – July 1, 2026 (Day Order 1- 6)	I	1.3 Leontief Input-Output Model, Hawkins –Simon Condition 1.4 Open and Closed Model	K1-K6	5	1-5	Lecture/ Problem Solving/ Discussion using Mathematical Economic problems/ Real time case study analysis/ Research paper analysis	Problem Assignment/ Quiz / Article Review/ CA

July 2 – July 8, 2026 (Day Order 1- 6)	II	Unit 2 Differential Calculus 2.1 Derivatives – Single	K1-K6	5	1-5	Lecture/ Problem Solving/ Discussion using Mathematical Economic problems/	Problem Assignment/ Quiz / Article
		Variable and Multi Variable –Partial and Total – Young's Theorem 2.2 Economic Applications, Marginal and Elasticity Concept 2.3 Convex and Concave Functions - Applications –Utility Maximization, Cost Minimization, Profit –Output Maximization				Real time case study analysis/ Research paper analysis	Review/ CA

July 9 – 16, 2026 (Day Order 1- 6)	II	2.3 Convex and Concave Functions - Applications –Utility Maximization, Cost Minimization, Profit –Output Maximization 2.4 Constrained Optimization With Equality Constraints,Lagrangian Method	K1-K6	5	1-5	Lecture/ Problem Solving/ Discussion using Mathematical Economic problems/ Real time case study analysis/ Research paper analysis	Problem Assignment/ Quiz / Article Review/ CA
July 17 – 24, 2026 (Day Order 1- 6)	II	2.5 Unconstrained Optimization in Single and Multi-Variable Functions	K1-K6	3	1-5	Lecture/ Problem Solving/ Discussion using Mathematical Economic problems/	Problem Assignment/ Quiz / Article Review/ CA

						Real time case study analysis/ Research paper analysis	

July 25 – 28, 2026 (Day Order 1- 3)	III	3.1 Introduction to Linear Programming and Graphical Solution of the Diet and Production Problems	K1-K6	3	1-5	Lecture/ Problem Solving/ Discussion using Mathematical Economic problems/ Real time case study analysis/ Research paper analysis	Problem Assignment/ Quiz / Article Review/ CA
July 29 – Aug 3, 2026	**C.A. Test - I**						
Aug 4 - 6, 2026 (Day Order 4 - 6)	III	3.2 Formulation of the Dual Programme – Statement of Duality Theorems	K1-K6	2	1-5	Lecture/ Problem Solving/ Discussion using Mathematical Economic problems/ Real time case study analysis/ Research paper analysis	Problem Assignment/ Quiz / Article Review/ CA
Aug 7 – 14, 2026 (Day Order 1- 6)	III	3.3 Applications from Economics	K1-K5	5	1-5	Lecture/ Problem Solving/ Discussion using Mathematical Economic problems/ Real time case study analysis/ Research paper analysis	Problem Assignment/ Quiz / Article Review/ CA
Aug 17 - 24, 2026 (Day Order 1- 6)	IV	4.1 Introduction to Integrals	K1-K6	5	1-5	Lecture/ Problem Solving/ Discussion using Mathematical	Problem Assignment/ Quiz / Article

						Economic problems/ Real time case study analysis/ Research paper analysis	Review/ CA
Aug 25 – Sep 2, 2026 (Day Order 1- 6)	IV	4.2 Methods of Integration – Parts, Substitution, and Partial fractions (Basic arithmetic sums only).	K1-K5	5	1-5	Lecture/ Problem Solving/ Discussion using Mathematical Economic problems/ Real time case study analysis/ Research paper analysis	Problem Assignment/ Quiz / Article Review/ CA
Sep 3 – 11, 2026 (Day Order 1- 6)	IV	4.3 Application - Measuring Consumer Surplus and Producer Surplus	K1-K5	5	1-5	Lecture/ Problem Solving/ Discussion using Mathematical Economic problems/ Real time case study analysis/ Research paper analysis	Problem Assignment/ Quiz / Article Review/ CA
Sep 15-17, 2026 (Day Order 1 - 3)	V	5.1 Difference Equations – First and Second order	K1-K5	2	1-5	Lecture/ Problem Solving/ Discussion using Mathematical Economic problems/ Real time case study analysis/ Research paper analysis	Problem Assignment/ Quiz / Article Review
Sep 18 –23, 2026	**C.A. Test - II**						

Sep 24 - 28, 2026 (Day 4 – 6)	V	5.1 Difference Equations – First and Second order	K1-K5	2	1-5	Lecture/ Problem Solving/ Discussion	Problem Assignment/

						using Mathematical Economic problems/ Real time case study analysis/ Research paper analysis	Quiz / Article Review
Sep 29 – Oct 7, 2026 (Day Order 1 - 6)	V	5.2 Difference Equations and Economic models - Cobweb Model, Samuelson's Multiplier Accelerator 5.3 Differential Equations – First and Second Order	K1-K6	5	1-5	Lecture/ Problem Solving/ Discussion using Mathematical Economic problems/ Real time case study analysis/ Research paper analysis	Problem Assignment/ Quiz / Article Review
Oct 8 - 14, 2026 (Day Order 1 - 6)	V	5.3 Differential Equations – First and Second Order 5.4 Differential Equations and Economic models - Harrod-Domar and Solow Model	K1-K6	5	1-5	Lecture/ Problem Solving/ Discussion using Mathematical Economic problems/ Real time case study analysis/ Research paper analysis	Problem Assignment/ Quiz / Article Review
Oct 15 - 21, 2026 (Day Order 1- 4)	**REVISION**						

STELLA MARIS COLLEGE (AUTONOMOUS), CHENNAI

COURSE PLAN (June - November 2026)

Department : Economics

Name/s of the Faculty : Dr Rebecca Devaprasad

Course Title : Economic Thought

Course Code : 23EC/PE/ET15

Shift : I

COURSE OUTCOMES (COs)

COs	Description	CL
CO1	Describe the historical context and evolution of economic ideas.	K1
CO2	Compare and contrast different schools of economic thought.	K2
CO3	Discover, articulate and relate to the major tenets of the schools of thought.	K3
CO4	Analyze the theories and ideas put forth by influential economists.	K4
CO5	Develop critical thinking and analytical skills by critically evaluating economic theories and their implications.	K5, K6

Week	Unit No.	Content	Cognitive Level	Teaching Hours	COs	Teaching Learning Methodology	Assessment Methods

Jun 22, 2026 (Day Order 6)	1	**Unit 1 Classical Economics** 1.1 A Summary of Pre Classical Economic thought – Mercantilism and Physiocracy	K1 – K4	1	1-5	a. Lecture b. Role Play based on the principles of Mercantilism & Physiocracy	CA test
Jun 23 – July 1, 2026 (Day Order 1- 6)	1	1.1 Adam Smith 1.2 Thomas Malthus	K1 – K6 K1 – K5	5	1-5	a. Lecture b. Jigsaw group reading of select chapters of ' Wealth of Nations'	CA Test, III Comp
July 2 – July 8, 2026 (Day Order 1- 6)	1	1.3 David Ricardo 1.4 Jeremy Bentham 1.5 John Stuart Mill	K1 – K4	5	1-5	a. Lecture b. Presentation	CA Test, Student Seminar
July 9 – 16, 2026 (Day Order 1- 6)	2	**Unit 2 Alternative schools of Thought** 2.1 Scientific Socialism – Karl Marx	K1 – K6	5	1-5	a. Lecture b. Reading & Discussion of insights from Animal Farm by George Orwell	CA test III Comp

July 17 – 24, 2026 (Day Order 1- 6)	2	2.2 Institutionalism – T.B. Veblen 2.3 German historical School – older and Younger School	K1 – K5	5	1-5	a. Lecture b Presentation of Narratives of the Gilded age. C. Comparison of 18th century capitalism vs current capitalism - Insights from the movie ‘ Parasite’	CA test III Comp
July 25 – 28, 2026 (Day Order 1- 3)	2	2.4 Under employment equilibrium – J.M. Keynes 2.5 Ahimsa Economy – M.K. Gandhi	K1 – K5	3	1-5	a. Lecture b. Discussion based on the book Only Yesterday by F.L. Allen	CA test, Seminar
July 29 – Aug 3, 2026	**C.A. Test - I**						
Aug 4 - 6, 2026 (Day Order 4 - 6)	3	**Unit 3 Marginalism and the Neo Classical School**	K1- K5	3	1-5	a. Lecture b. Presentation	CA test

		3.1 Marginalism 3.1.2 English School – W. Stanley Jevons					
Aug 7 – 14, 2026 (Day Order 1- 6)	3	3.1.3 Austrian School – Carl Menger, Ludwig Von Mises & Friedrich Hayek	K1- K5	5	1-5	a. Lecture b. Jigsaw group reading & discussion of Economics in One Lesson by Henry Hazlitt C. Debate - Keynes vs Hayek	CA test III Comp
Aug 17 - 24, 2026 (Day Order 1- 6)	3	3.1.4 Laussane School – Leon Walras, V. Pareto 3.2 Neoclassical Economics	K1- K5	5	1-5	a. Lecture b. Presentation	CA test
Aug 25 – Sep 2, 2026 (Day Order 1- 6)	3	3.2.1 Alfred Marshall 3.2.2 J.B. Clark	K1- K5	5	1-5	a. Lecture b. Student Presentation on Life and times of Marshall	CA test
Sep 3 – 11, 2026 (Day Order 1- 6)	3	3.3 Welfare Economics – Arrow – Rawls- Amartya Sen	K1- K4	5	1-5	a. Lecture b. Presentation	CA test
Sep 15-17, 2026 (Day Order 1 - 3)	4	4.1 New Classical School	K1- K5	3	1-5	a. Lecture	CA test

						b. Presentation	
Sep 18 –23, 2026	**C.A. Test - II**						
Sep 24 - 28, 2026 (Day 4 – 6)	4	4.2 New Keynesian School	K1- K5	2	1-5	a. Lecture b. Presentation	Quiz
Sep 29 – Oct 7, 2026 (Day Order 1 - 6)	4&5	4.3 Supply Side Economics **Unit 5 Nobel Laureates in Economics ****	K1 – K5	5	1-5	a. Lecture b. Presentation	Assignment
Oct 8 - 14, 2026 (Day Order 1 - 6)	5	**Unit 5 Nobel Laureates in Economics **** An anaylsis of Nobel Laureates in Economics of the last 5 years	K1 – K6	5	1-5	a. Lecture b. Presentation	Assignment
Oct 15 - 21, 2026 (Day Order 1- 4)	**REVISION**						