STELLA MARIS COLLEGE (AUTONOMOUS), CHENNAI

COURSE PLAN (June - November 2026)

Department : **Economics**

Name/s of the Faculty : **Ms. Ashika A**

Course Title : **Macroeconomics - I**

Course Code : **23EC/MC/MA54**

Shift : **I**

COURSE OUTCOMES (COs)

COs	Description	CL
CO1	acquire fundamental knowledge of the basic principles of macroeconomics	K1
CO2	identify the issues relating to measurement of macroeconomic variables	K2
CO3	evaluate the relevance of the existing theoretical models of income determination	K3
CO4	identify and demonstrate the tools required to solve the macro economic issues in an economy	K4
CO5	critically assess macroeconomic issues specifically pertaining to income determination, consumption, savings and investment	K5

Week	Unit No.	Content	Cognitive Level	Teaching Hours	COs	Teaching Learning Methodology	Assessment Methods
Jun 15 – 22, 2026 (Day Order 1- 6)	1	Introduction to Macroeconomics 1.1 Definition, nature, scope of macroeconomics, Distinction between micro and macroeconomics 1.2 National Income - Concept, real and nominal income	K1-K2 K1- K4	2 3	1 - 5	Lecture, PowerPoint presentation & Discussion	Quiz I & CA I

Jun 23 – July 1, 2026 (Day Order 1- 6)	1	1.3 Measuring the value of economic activity: Measuring GDP, Measuring Cost of Living –The Consumer Price Index and Measuring Unemployment Rate 1.4 Circular Flow of Income	K1- K5 K1- K4	4 1	1 - 5	Lecture, PowerPoint presentation & Discussion	Quiz I & CA I
July 2 – July 8, 2026 (Day Order 1- 6)	1 2	1.4 Circular Flow of Income Classical Theory 2.1 Classical Theory of	K1- K4	2 3	1 - 5	Lecture, PowerPoint presentation & Discussion	Quiz I & CA I
		Output and Employment: Production Employment	K1 -K4				
July 9 – 16, 2026 (Day Order 1- 6)	2	2.1 Classical Theory of Output and Employment: Production Employment 2.2 Demand and Supply of Labour Equilibrium: Output and Employment	K1 -K4 K1 -K5	2 3	1 - 5	Lecture, PowerPoint presentation & Discussion	Quiz I & CA I

July 17 – 24, 2026 (Day Order 1- 6)	2	2.2 Demand and Supply of Labour Equilibrium: Output and Employment 2.3 Policy implication of Classical Equilibrium Model	K1 -K5 K2-K5	2 3	1 - 5	Lecture, PowerPoint presentation & Discussion	Quiz I & CA I
July 25 – 28, 2026 (Day Order 1- 3)	3	Keynesian Theory 3.1 Keynesian model of income and employment determination: aggregate demand and supply Quiz I	K1- K4	2 1	1 - 5	Lecture, PowerPoint presentation & Discussion	Quiz I & CA I
July 29 – Aug 3, 2026	**C.A. Test - I**						
Aug 4 - 6, 2026 (Day Order 4 - 6)	3	3.1 Keynesian model of income and employment determination: aggregate	K1- K4	1	1 - 5	Lecture, PowerPoint presentation & Discussion	Quiz II & CA II

		demand and supply 3.2 Concept of Effective Demand	K1- K4	1			

Aug 7 – 14, 2026 (Day Order 1- 6)	3	3.2 Concept of Effective Demand 3.3 Under employment equilibrium 3.4 Classical vs. Keynesian	K1- K4 K1- K5 K2- K5	1 3 1	1 - 5	Lecture, PowerPoint presentation & Discussion	Quiz II & CA II
Aug 17 - 24, 2026 (Day Order 1- 6)	3 4	3.4 Classical vs. Keynesian 3.5 Relevance of Keynesian Economics to India Consumption and Saving Function 4.1 Meaning, attributes, factors affecting consumption	K2- K5 K1- K5 K2- K4	2 1 2	1 - 5	Lecture, PowerPoint presentation & Discussion	Quiz II, CA II & Presentation
Aug 25 – Sep 2, 2026 (Day Order 1- 6)	4	4.1 Meaning, attributes, factors affecting consumption 4.2 Theories of consumption - Absolute, Relative, Permanent, and	K2- K4 K2-K5	1 4	1 - 5	Lecture, PowerPoint presentation & Discussion	Quiz II, CA II & Presentation

		Life cycle hypothesis.					
Sep 3 – 11, 2026 (Day Order 1- 6)	4	4.2 Theories of consumption - Absolute, Relative, Permanent, and Life cycle hypothesis 4.3 Saving Function – its attributes	K2-K5 K2- K4	4 1	1 - 5	Lecture, PowerPoint presentation & Discussion	Quiz II, CA II & Presentation
Sep 15-17, 2026 (Day Order 1 - 3)	4	4.3 Saving Function – its attributes Quiz II	K2- K4	3	1 - 5	Lecture, PowerPoint presentation & Discussion	Quiz II, CA II & Presentation
Sep 18 –23, 2026	**C.A. Test - II**						
Sep 24 - 28, 2026 (Day 4 – 6)	5	Investment Function, Multiplier and Accelerator 5.1 Investment function- Nature of investment, factors affecting invest- MEC, MEI, and rate of interest	K1 -K5	2	1 - 5	Lecture, PowerPoint presentation & Discussion	Group Discussion

		5.2 Multiplier – definition, types, operation	K1- K5	4			
Oct 8 - 14, 2026 (Day Order 1 - 6)	5	5.3 Acceleration Principle 5.4 Interaction between multiplier and accelerator	K3-K5 K3-K5	2 3	1 - 5	Lecture, PowerPoint presentation & Discussion	Group Discussion
Oct 15 - 21, 2026 (Day Order 1- 4)	**REVISION**						
Sep 29 – Oct 7, 2026 (Day Order 1 - 6)	5	5.1 Investment function- Nature of investment, factors affecting invest- MEC, MEI, and rate of interest	K1 -K5	1	1 - 5	Lecture, PowerPoint presentation & Discussion	Group Discussion

STELLA MARIS COLLEGE (AUTONOMOUS), CHENNAI

COURSE PLAN (June - November 2026)

Department : **Economics**

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

Course Title : **Public Policy**

Course Code : **23EC/MC/PP53**

Shift : **I**

COURSE OUTCOMES (COs)

COs	Description	CL
CO1	To recall the key concepts of public policy making	K1
CO2	To comprehend the factors which influence policy making	K2
CO3	To apply to varied real-life situations the theoretical knowledge and acumen	K3
CO4	To analyse the Indian public policies	K4
CO5	To evaluate the effectiveness of the policies adopted	K5

Week	Unit No.	Content	Cognitive Level	Teaching Hours	COs	Teaching Learning Methodology	Assessment Methods
Jun 15 – 22, 2026 (Day Order 1- 6)	1	**Nature of Public Policy** 1.1 Public Policy – definition, nature and	K1-K2	3	1-4	Lecture & Discussion on current public policies in India.	Quiz 1, Class Discussion, and CA 1.

		scope. 1.2 Origin of Public Policy – Policy orientation in Lasswell's context	K1-K2	1	1-4	Lecture, PowerPoint presentation & Storytelling on evolution of policy sciences.	Quiz 1, Class Discussion and CA 1.
Jun 23 – July 1, 2026 (Day Order 1- 6)	1	1.2 Origin of Public Policy – Policy orientation in Lasswell's context.	K1-K2	4	1-4	Lecture, PowerPoint presentation & Discussion	Quiz 1, Class Discussion, and CA 1.
July 2 – July 8, 2026 (Day Order 1- 6)	1	1.3 Brief overview of the official and unofficial actors and their roles in public policy – legislature, Government and Bureaucracy, Judiciary, individual, interest group, political parties and media	K1-K3	4	1-4	Lecture, PowerPoint presentation & Policy Mapping Activity (students identify actors involved in a policy)	Quiz 1, Class Discussion, and CA 1.
July 9 – 16, 2026 (Day Order 1- 6)	2	**Policy Decision Making**	K1-K5	4	1-5	Lecture, PowerPoint presentation &	Class Discussion, Case Study Analysis of

		2.1 Rational Choice Theory				Discussion	government decision-making during crises, Presentation and CA 1
July 17 – 24, 2026 (Day Order 1- 6)	2	2.2 Simon's Bounded Rationality and public policy processes Principle of Intended Rationality, Principle of Adaptation, Principle of Uncertainty and Principle of trade – offs.	K1-K5	4	1-5	Lecture, PowerPoint presentation & Role Play of policymakers facing uncertainty and trade-offs.	Class Discussion, Case Study/ Article review/Presentation and CA 1
July 25 – 28, 2026 (Day Order 1- 3)	3	3.1 Elements of Policy Design.	K1-K2	1	1-5	Lecture, PowerPoint presentation, Policy Design Workshop & Design a policy intervention for a local issue	Quiz 1, Assignment, 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 Quantitative Techniques – Cost Benefit Analysis, Economic Forecasting, Operations Research and	K1-K5	3	1-5	Lecture, PowerPoint presentation & Discussion	Quiz 2, Assignment, SWOT ,Cost & Benefit analysis Exercise and CA 2

		Systems Analysis					
Aug 7 – 14, 2026 (Day Order 1- 6)	3	3.3 Qualitative Techniques – Nature of Qualitative Research, Interpretive Methods – Ethnography, Action Research, Case Study, Grounded Research, Strengths and Weakness of Qualitative Research.	K1-K5	4	1-5	Lecture, PowerPoint presentation & Hands-on Cost-Benefit Analysis exercise.	Quiz 2, Assignment, and CA 2
Aug 17 - 24, 2026 (Day Order 1- 6)	3	3.4 Impact Assessment – Environment, Social and Technological.	K1-K4	4	1-5	Lecture, PowerPoint presentation & Environmental/Social Impact Assessment of a local project.	Case Study analysis, Infographic creation, Policy impact observation diary and CA 2
Aug 25 – Sep 2, 2026 (Day Order 1- 6)	4	**Implementation** 4.1 Approaches to implementation – Top Down, bottom up and synthesis – A third generation of implementation research	K1-K3	4	1-5	Lecture, PowerPoint presentation & Discussion	Quiz 2, Assignment, Class Discussion, and CA 2
Sep 3 – 11, 2026 (Day Order 1- 6)	4	4.2 Policy failure and learning from it – Conceptual, Political and	K1-K5	2	1-5	Lecture, PowerPoint presentation, Debate on implementation	Quiz 2, Assignment and CA 2

	4	Administrative problems. 4.3 Conditions for Successful Implementation.	K1-K5	2	1-5	models & Reflection Journal on failed policies Lecture, PowerPoint presentation & Stakeholder Mapping Exercise	Quiz 2, Assignment, Case study immersion and CA 2
Sep 15-17, 2026 (Day Order 1 - 3)	5	**Policy Evaluation and Memo-Writing** 5.1 Criteria for Policy Evaluation	K1-K3	2	1-5	Lecture, PowerPoint presentation & Evaluation of a current government policy	Assignment, Class Discussion, and CA 2
Sep 18 –23, 2026	**C.A. Test - II**						
Sep 24 - 28, 2026 (Day 4 – 6)	5	5.2 Approaches to Policy Evaluation	K1-K4	2	1-5	Lecture, PowerPoint presentation & Discussion	Class Discussion
Sep 29 – Oct 7, 2026 (Day Order 1 - 6)	5	5.3 Memo - Guidelines to memo-writing	K1-K5	4	1-5	Lecture, PowerPoint presentation & Writing Policy	Class Discussion

						Memos.	
Oct 8 - 14, 2026 (Day Order 1 - 6)	5	5.4 Application: Students to evaluate any one current public policy and frame three short policy memos	K1-K5	4	1-5	Lecture, PowerPoint presentation & Policy Review Presentation	Class Discussion & Project Work: Evaluation of a Current Public Policy
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. Dorothy Nivedha C**

Course Title : **Development Economics**

Course Code : **23EC/MC/DE54**

Shift : **1**

COURSE OUTCOMES (COs)

COs	Description	CL
CO1	understand the dynamics of various developmental problems such as poverty, inequality, unemployment, migration, human development, sustainability et.	K1
CO2	apply development theories and concepts to formulate and analyse development policies.	K2
CO3	analyse the causality of various developmental issues and their interconnectedness.	K3
CO4	acquire concrete skills to carry out research and work directly in these areas with government agencies, NGOs, policy making teams leading to their professional development	K4
CO5	critically articulate the theories of economic development.	K5

	CL – Cognitive Level **K1 – Remember | K2 – Understand | K3 – Apply | K4 – Analyse | K5 – Evaluate**	

Week	Unit No.	Content	Cognitive Level	Teaching Hours	COs	Teaching Learning Methodology	Assessment Methods
Jun 15 – 22, 2026 (Day Order 1- 6)	1	1.1 Definition of development; Development vs Growth; Core values 1.2 Evolution of Economic Development	K1-K5	5	1-5	PPT, Lecture, Class Discussions	Development Indicators Infographic – 10 Marks CA-1
Jun 23 – July 1, 2026 (Day Order 1- 6)	1	1.3 Characteristics of Developing Economies 1.4 Factors affecting Economic Development 1.5 Measures of Development	K1-K5	6	1-5	PPT, Lecture, Class Discussions	Quiz – 20 Marks CA-1
July 2 – July 8, 2026 (Day Order 1- 6)	2	2.1 Theories of Transition 2.2 Theories of Structural Change – Clark and Fisher	K1-K5	6	1-5	PPT, Lecture, Class Discussions	Group Presentation: Comparing Development Theories – 10 Marks CA-1

July 9 – 16, 2026 (Day Order 1- 6)	2	2.2 Theories of Structural Change – Kuznet 2.3 Big Push Theory	K1-K5	6	1-5	PPT, Lecture, Class Discussions	Theory Debate – Current Relevance – 10 Marks CA-1

July 17 – 24, 2026 (Day Order 1- 6)	2, 3	2.4 Theory of Critical Minimum Effort 3.1 Dualistic Economy	K1-K5	6	1-5	PPT, Lecture, Class Discussions	Case Study Analysis – Trends in India – 10 Marks CA-1
July 25 – 28, 2026 (Day Order 1- 3)	3	3.2 Intersectoral Relationship in a Dual Economy	K1-K5	3	1-5	PPT, Lecture, Class Discussions	CA-1
July 29 – Aug 3, 2026	**C.A. Test - I**						
Aug 4 - 6, 2026 (Day Order 4 - 6)	3	3.3 Utilisation of Surplus Manpower	K1-K5	3	1-5	PPT, Lecture, Class Discussions	CA-II

Aug 7 – 14, 2026 (Day Order 1- 6)	3, 4	3.4 Rural-Urban Migration 3.5 Policy Option 4.1 Poverty and Inequality	K1-K5	5	1-5	PPT, Lecture, Class Discussions	CA-II
Aug 17 - 24, 2026 (Day Order 1- 6)	4	4.2 Nurkse's Poverty Trap, Kuznets' Inverted–U Hypothesis and Sen's View 4.3 Measures of Poverty and Inequality – Head Count Ratio, Poverty Gap, Lorenz Curve,	K1-K5	5	1-5	PPT, Lecture, Class Discussions	Data Analysis Assignment (Use NSSO, PLFS, NITI Aayog or MPI data to study poverty and inequality trends) – 20

							Marks CA-II
Aug 25 – Sep 2, 2026 (Day Order 1- 6)	4	4.3 Measures of Poverty and Inequality – Human Poverty Index, Multidimensional Poverty Index 4.4 Unemployment, Disguised Unemployment- Nurkse Theory, A.K. Sens view	K1-K5	5	1-5	PPT, Lecture, Class Discussions	CA-II

Sep 3 – 11, 2026 (Day Order 1- 6)	4, 5	4.5 Policy options – Areas of Intervention 5.1 Capital Formation – Meaning, Importance Factors determining capital formation	K1-K5	5	1-5	PPT, Lecture, Class Discussions	Policy Brief Writing – 10 Marks CA-II
Sep 15-17, 2026 (Day Order 1 - 3)	5	5.2 Domestic Savings – Meaning, Sources and Mobilisation of savings.	K1-K5	2	1-5	Google Form Quiz, Practice Tests	CA-II
Sep 18 –23, 2026	**C.A. Test - II**						
Sep 24 - 28, 2026	5	5.3 Foreign Trade and	K1-K5	2	1-5	PPT, Lecture, Class	Article Review /

(Day 4 – 6)		Economic Development				Discussions	Trade Policy Review (Review recent RBI, World Bank, IMF, or WTO reports on capital formation, FDI, trade, or savings.) – 10 Marks
Sep 29 – Oct 7, 2026 (Day Order 1 - 6)	5	5.3 Effects of International trade, Aid or Trade	K1-K5	4	1-5	PPT, Lecture, Class Discussions	Group Discussion ("Aid versus Trade: Which is more effective for development?")
Oct 8 - 14, 2026 (Day Order 1 - 6)	5	5.4 Foreign Capital and Economic Development		2	1-5	PPT, Lecture, Class Discussions	
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. JUMIE GEORGE**

Course Title : **INTERNATIONAL ECONOMICS**

Course Code : **23EC/MC/IN54**

Shift : **I**

COURSE OUTCOMES (COs)

COs	Description	CL
CO1	recall and define key concepts and theories in international trade	K1
CO2	understand the principal theoretical models in international trade	K2
CO3	apply the theoretical models to a given economic scenario	K3
CO4	analyse the problems and challenges of international trade and international institutions in promoting world trade	K4
CO5	evaluate the relevance of exiting theoretical knowledge	K5

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

Jun 15 – 22, 2026 (Day Order 1- 6)	I	**Introduction** 1.1 Basis of trade - Mercantilist argument: Zero Sum Game –a critique: Positive Sum Game- David Hume 1.2 Classical theories of International Trade: Adam Smith, David Ricardo, J.S Mill	K1-K4 K1-K5	3 2	CO 1-5	Lecture Discussion	CA Test Quiz
Jun 23 – July 1, 2026 (Day Order 1- 6)	I	1.2 Classical theories of International Trade: Adam Smith, David Ricardo, J.S Mill 1.3 Terms of Trade-Offer Curves-Factors which affect Terms of Trade	K1-K5 K1-K5	2 3	CO 1-5	Lecture Discussion	CA Test Quiz
July 2 – July 8, 2026 (Day Order 1- 6)	II	**The Endowment Theory** 2.1 Heckscher-Ohlin Theory 2.2 Factor Prices and Factor Reversal Test	K1-K5 K1-K5	2 3	CO 1-5	Lecture Discussion	CA Test Quiz
July 9 – 16, 2026 (Day Order 1- 6)	II	2.3 Samuelson -Stolper Theory 2.4 Leontief Paradox	K1-K4	2 3	CO 1-5	Lecture Discussion	CA Test Quiz

		Secular Deterioration in Terms of Trade- A critique of Heckscher-Ohlin Theory	K1-K5				
July 17 – 24, 2026 (Day Order 1- 6)	III	**Economic Growth and Trade Policy** 3.1 Johnson's Model 3.2 Bhagwati's Immiserising Growth	K1-K5	2 3	CO 1-5	Lecture Discussion	CA Test Quiz
July 25 – 28, 2026 (Day Order 1- 3)	III	3.3 Economic Integration: Meaning, Forms, Problems	K1-K3	3	CO 1-5	Lecture Discussion	CA Test Quiz
July 29 – Aug 3, 2026	**C.A. Test – I**						
Aug 4 - 6, 2026 (Day Order 4 - 6)	III	3.4 Regional Groupings: BRICS, ASEAN, G7, G 20, EU – Brexit and SCO	K1-K4	3	CO 1-5	Lecture Discussion	CA Test Quiz Presentation
Aug 7 – 14, 2026 (Day Order 1- 6)	III IV	3.4 Regional Groupings: BRICS, ASEAN, G7, G 20, EU – Brexit and SCO 4.1 Concepts – equilibrium and disequilibrium. Factors that affect BOP – Adjustment mechanism –	K1-K4 K1-K5	2 3	CO 1-5	Lecture Discussion Debate	CA Test Quiz Presentation

		Devaluation-Depreciation					
Aug 17 - 24, 2026 (Day Order 1- 6)	IV	4.1 Concepts – equilibrium and disequilibrium. Factors that affect BOP – Adjustment mechanism – Devaluation-Depreciation 4.2 Foreign Exchange Market – Concept, Types and Instruments, Determination of the Foreign Exchange Rate: Demand and Supply Theory	K1-K5	2 3	CO 1-5	Lecture Discussion	CA Test Quiz
Aug 25 – Sep 2, 2026 (Day Order 1- 6)	IV	4.2 Foreign Exchange Market – Concept, Types and Instruments, Determination of the Foreign Exchange Rate: Demand and Supply Theory	K1-K5	5	CO 1-5	Lecture Discussion	CA Test Quiz
Sep 3 – 11, 2026 (Day Order 1- 6)	IV	4.3 Classification of Exchange Rates and Exchange Control	K1-K4	5	CO 1-5	Lecture Discussion	CA Test Quiz

Sep 15-17, 2026 (Day Order 1 - 3)	IV	4.4 Application – Country specific study of trade policy and the relevance of regional groupings	K1-K5	3	CO 1-5	Lecture Discussion Debate	CA Test Quiz Presentation
Sep 18 –23, 2026	**C.A. Test – II**						
Sep 24 - 28, 2026 (Day 4 – 6)	V	**International Interdependence Institutions and Policy** 5.1 IMF- Objective, Functions, India and the IMF	K1-K5	3	CO 1-5	Lecture Discussion	Quiz Presentation
Sep 29 – Oct 7, 2026 (Day Order 1 - 6)	V	5.2 The World Bank- Objectives, Functions, India and World Bank 5.3 UNCTAD and GATT-A Brief Overview	K1-K5 K1-K4	5	CO 1-5	Lecture Discussion	Quiz Presentation
Oct 8 - 14, 2026 (Day Order 1 - 6)	V	5.4 WTO – Objectives, Functions and Impact on trade, India and the WTO	K1-K5	5	CO 1-5	Lecture Discussion	Quiz Presentation
Oct 15 - 21, 2026 (Day Order 1- 4)	**REVISION**						

STELLA MARIS COLLEGE (AUTONOMOUS), CHENNAI

COURSE PLAN (June - November 2026)

Department : **Economics– Interdisciplinary**

Name/s of the faculty : **Ms. J Kaviya Nijaritha &Ms. Panimaya Peshija A**

Course Title : **RENEWABLE ENERGY AND ENERGY ECONOMICS**

Course Code : **23ID/IC/RE55**

Shift : **I**

COURSE OUTCOMES (COs)

COs	Description	CL
CO1	Identify the major types of energy resources, core principles of solar and wind energy, microeconomic factors, and major environmental energy policies.	K1
CO2	Explain the principles of renewable and non-renewable energy sources, their economic linkages, and policy frameworks.	K2
CO3	Apply scientific and economic methods to calculate energy consumption, harness energy from natural resources, evaluate energy systems, and assess demand–supply dynamics	K3
CO4	Analyse the production and performance of different solar and wind energy systems , energy markets, and assess energy market structure, goods and externalities.	K4

CO5	Evaluate the efficiency , limitations and working of solar, wind, and other renewable energy systems , role of renewable sources in reducing carbon footprint, global and national energy policies and assess their role in shaping sustainable energy policies.						K5
Week	**Unit No.**	**Content**	**Cognitive Level**	**Teaching Hours**	**COs**	**Teaching Learning Methodology**	**Assessment Methods**
Jun 15 – 22, 2026 (Day Order 1- 6)	I	1.1 Energy routes for non-renewable energy resources – Age renewables and alternatives-Moving towards renewable energy sources - Energy conservation practices. 1.3 Evolution of Energy Economics – Energy Transition – Growth of Renewable Resources	K1-K5	3*+3	1-5	Blackboard tree building-energy journey mapping Class lecture, Energy policy analysis/ Debate, Energy News journal, Recent Energy development research paper discussion	Reflection circle Energy Data/ Budget Analysis, Research paper analysis, CA I, Quiz

Jun 23 – July 1, 2026 (Day Order 1- 6)	I IV	1.2 Types of energy sources - Renewable and non-renewable sources. 4.1 Energy Demand and Supply – Factors Affecting demand and supply	K1-K5	3*+3	1-5	Flowchart, classification activity Class lecture, Energy policy analysis/ Debate, Energy News journal, Recent Energy development research paper discussion	Concept relay Energy Data/ Budget Analysis, Research paper analysis, CA I, Quiz
July 2 – July 8, 2026 (Day Order 1- 6)	I IV	1.2 Energy consumption - Energy calculation 4.2 Market Equilibrium – Energy Market Structure – Non-Renewable (Oil) vs Renewable Energy	K1-K5	3*+3	1-5	Real Electricity Bill calculation, Demonstration Class lecture, Energy policy analysis/ Debate, Energy News journal, Recent Energy development research paper discussion	**One-Minute Energy Saving Challenge** Energy Data/ Budget Analysis, Research paper analysis, CA I, Quiz
July 9 – 16, 2026 (Day Order 1- 6)	II	**Solar Energy** 2.1 Fundamentals of solar radiation – Nature	K1-K5	3*+3	1-5	Simulation, Lecture	Quiz

		of solar radiation – Radiation on earth's surface – Sun path chart.					
	IV	4.2 Market Equilibrium – Energy Market Structure – Non-Renewable (Oil) vs Renewable Energy				Class lecture, Energy policy analysis/ Debate, Energy News journal, Recent Energy development research paper discussion	Energy Data/ Budget Analysis, Research paper analysis, CA I, Quiz
July 17 – 24, 2026 (Day Order 1- 6)	II	2.1 Fundamentals of solar radiation – Nature of solar radiation – Radiation on earth's surface – Sun path chart.	K1-K5	3*+3	1-5		One-word reasoning
	IV	4.3 Energy as a Public Good - Externalities				Class lecture, Energy policy analysis/ Debate, Energy News journal, Recent Energy development research paper discussion	Energy Data/ Budget Analysis, Research paper analysis, CA I, Quiz
July 25 – 28, 2026 (Day Order 1- 3)	II	2.2 Photovoltaics – Principles – Physics and operation of	K1-K5	3*+1	1-5	Field visit	**Component test- MCQ-**

	IV	solar cells – Solar panels- Solar power plants – On and Off-grid photovoltaics application - Photovoltaics: country perspective 4.3 Energy as a Public Good - Externalities				Class lecture, Energy policy analysis/ Debate, Energy News journal, Recent Energy development research paper discussion	**k1,k2 level-20marks** Energy Data/ Budget Analysis, Research paper analysis, CA I, Quiz
July 29 – Aug 3, 2026	**C.A. Test - I**						
Aug 4 - 6, 2026 (Day Order 4 - 6)	V	5.1 Mechanism to correct imperfection in energy Market – Command and Control – Tax and Cap trade Mechanism	K1-K5	2	1-5		Energy Data/ Budget Analysis, Research paper analysis, CA I, Quiz
Aug 7 – 14, 2026 (Day Order 1- 6)	II	2.2 Photovoltaics – Principles – Physics and operation of solar cells – Solar panels- Solar power plants – On and Off-grid photovoltaics	K1-K5	3*+3	1-5	Demonstration and discussion	One-min paper summary

	V	application - Photovoltaics: country perspective 5.1 Mechanism to correct imperfection in energy Market – Command and Control – Tax and Cap trade Mechanism				Class lecture, Energy policy analysis/ Debate, Energy News journal, Recent Energy development research paper discussion	Energy Data/ Budget Analysis, Research paper analysis, CA I, Quiz
Aug 17 - 24, 2026 (Day Order 1- 6)	II V	2.2 Photovoltaics – Principles – Physics and operation of solar cells – Solar panels- Solar power plants – On and Off-grid photovoltaics application - Photovoltaics: country perspective 5.1 Mechanism to correct imperfection in energy Market – Command and Control – Tax and Cap trade Mechanism	K1-K5	3*+3	1-5	Simulation, Lecture Class lecture, Energy policy analysis/ Debate, Energy News journal, Recent Energy development research paper discussion	Application pitch Energy Data/ Budget Analysis, Research paper analysis, CA I, Quiz
Aug 25 – Sep 2, 2026	III	3.1 Introduction – Basic	K1-K5	3*+3	1-5	Concept mapping	Quiz

(Day Order 1- 6)		principles of wind energy conversion.					
	V	5.3 Energy Policies in India – National Solar Policy, Wind- Solar Hybrid Policy, Recent Renewable Energy Policy				Class lecture, Energy policy analysis/ Debate, Energy News journal, Recent Energy development research paper discussion	Energy Data/ Budget Analysis, Research paper analysis, CA I, Quiz
Sep 3 – 11, 2026 (Day Order 1- 6)	III	3.2 Nature of wind – Power in the wind - forces on the blades and wind energy conversion – Site selection.	K1-K5	3*+3	1-5	Wind map discussion	Site selection game
	V	5.3 Energy Policies in India – National Solar Policy, Wind- Solar Hybrid Policy, Recent Renewable Energy Policy				Class lecture, Energy policy analysis/ Debate, Energy News journal, Recent Energy development research paper discussion	Energy Data/ Budget Analysis, Research paper analysis, CA I, Quiz
Sep 15-17, 2026 (Day Order 1 - 3)	III	3.2 Nature of wind – Power in the wind - forces on the blades	K1-K5	3*+1	1-5	Field visit	**Component test- Assignment-**

	V	and wind energy conversion – Site selection. 5.3 Energy Policies in India – National Solar Policy, Wind- Solar Hybrid Policy, Recent Renewable Energy Policy				Class lecture, Energy policy analysis/ Debate, Energy News journal, Recent Energy development research paper discussion	**K3 level-5 marks**
Sep 18 –23, 2026	**C.A. Test - II**						
Sep 24 - 28, 2026 (Day 4 – 6)	III V	3.3 Classification of wind energy conversion systems – Advantages and limitations. 5.3 Energy Policies in India – National Solar Policy, Wind- Solar Hybrid Policy, Recent Renewable Energy Policy	K1-K5	2	1-5	Lecture and discussion Class lecture, Energy policy analysis/ Debate, Energy News journal, Recent Energy development research paper discussion	Exit ticket activity Energy Data/ Budget Analysis, Research paper analysis, CA I, Quiz on field visit
Sep 29 – Oct 7, 2026 (Day Order 1 - 6)	III	3.3 Classification of wind energy conversion systems – Advantages and	K1-K5	3*+3	1-5	Group discussion	Debate

		limitations.					
	V	5.3 Energy Policies in India – National Solar Policy, Wind- Solar Hybrid Policy, Recent Renewable Energy Policy					Energy Data/ Budget Analysis, Research paper analysis, CA I, Quiz on filed visit
Oct 8 - 14, 2026 (Day Order 1 - 6)	III V	3.3 Classification of wind energy conversion systems – Advantages and limitations. 5.3 Energy Policies in India – National Solar Policy, Wind- Solar Hybrid Policy, Recent Renewable Energy Policy	K1-K5	3*+3	1-5	Video Lecture and Discussion Class lecture, Energy policy analysis/ Debate, Energy News journal, Recent Energy development research paper discussion	Score board activity Energy Data/ Budget Analysis, Research paper analysis, CA I, Quiz
Oct 15 - 21, 2026 (Day Order 1- 4)	**REVISION**						

STELLA MARIS COLLEGE (AUTONOMOUS), CHENNAI

COURSE PLAN (June - November 2026)

Department : **ECONOMICS & PHYSICS**

Name/s of the Faculty : **Rekha M (PH), Panimaya Peshija A (EC,PH)*, Sr. Josephine Diana (PH)***

Course Title : **RENEWABLE ENERGY AND ENERGY ECONOMICS**

Course Code : **23ID/IC/RE55**

Shift : **I**

COURSE OUTCOMES (COs)

COs	Description	CL
CO1	Identify the major types of energy resources, core principles of solar and wind energy, microeconomic factors, and major environmental energy policies.	K1
CO2	Explain the principles of renewable and non-renewable energy sources, their economic linkages, and policy frameworks.	K2
CO3	Apply scientific and economic methods to calculate energy consumption, harness energy from natural resources, evaluate energy systems, and assess demand–supply dynamics	K3
CO4	Analyse the production and performance of different solar and wind energy systems , energy markets, and assess energy market structure, goods and externalities.	K4
CO5	Evaluate the efficiency , limitations and working of solar, wind, and other renewable energy systems , role of renewable sources in reducing carbon footprint, global and national energy policies and assess their role in shaping sustainable energy policies.	K5

Week	**Unit No.**	**Content**	**Cognitive Level**	**Teaching Hours**	**COs**	**Teaching Learning Methodology**	**Assessment Methods**
Jun 15 – 22, 2026 (Day Order 1- 6)	I	1.1 Energy routes for non-renewable energy resources – Age renewables and alternatives-Moving towards renewable energy sources - Energy conservation practices.	K1-K5	3	1-5	Blackboard tree building-energy journey mapping.	Reflection circle
	1	1.4 Evolution of energy economics – Energy Development	K1-K5	3	1-5	Lecture & Timeline and Concept Mapping	Assignment/ Quiz 1/ CA 1
Jun 23 – July 1, 2026 (Day Order 1- 6)	I	1.2 Types of energy sources - Renewable and non-renewable sources.	K1-K5	3	1-5	Flowchart, classification activity	Concept relay
	I	1.4 Evolution of energy economics - Energy – economy linkage – Energy transition.	K1-K5	3	1-5	Lecture, Data Visualization using India's energy, consumption & GDP	Data Interpretation Exercise, Infographic assessment,

						trends, Documentary Analysis, Infographic Creation	Assignment/ Quiz 1/ CA 1
July 2 – July 8, 2026 (Day Order 1- 6)	I I	1.3 Energy consumption - Energy calculation 1.5 Current energy issues - Energy intensity – growth of renewable resources.	K1-K5 K1-K5	3 3	1-5 1-5	Real Electricity Bill calculation, Demonstration. Calculation Exercise using country data & Renewable Energy Mapping Project	**One-Minute Energy Saving Challenge** Worksheet, Numerical Assignment, CA 1
July 9 – 16, 2026 (Day Order 1- 6)	II IV	**Solar Energy** 2.1 Fundamentals of solar radiation – Nature of solar radiation – Radiation on earth's surface – Sun path chart. **Micro Foundation** 4.1 Demand - Energy demand - Primary and global	K1-K5 K1-K5	3 3	1-5 1-5	Simulation, Lecture Energy Consumption Data Analysis (IEA/BP Statistical Review) & Case Study on EV	Quiz Data Analysis Report

						Adoption or AI Energy Consumption	
July 17 – 24, 2026 (Day Order 1- 6)	II IV	2.1 Fundamentals of solar radiation – Nature of solar radiation – Radiation on earth's surface – Sun path chart. 4.2 Supply- Factors affecting Energy supply	K1-K5 K1-K5	3 3	1-5 1-5	 Scenario-Based Learning	One-word reasoning Problem-Solving Worksheet
July 25 – 28, 2026 (Day Order 1- 3)	II	2.2 Photovoltaics – Principles – Physics and operation of solar cells – Solar panels- Solar power plants – On and Off-grid photovoltaics application - Photovoltaics: country perspective	K1-K5	3*+1	1-5	Field visit	**Component test- MCQ-k1,k2 level-20marks**
July 29 – Aug 3, 2026	**C.A. Test - I**						

Aug 4 - 6, 2026 (Day Order 4 - 6)	4	4.3 Market-equilibrium - Energy market structure	K1 – K5	2	1-5	Lecture , Discussion & Role Play (Consumers, Producers, Regulators)	Assignment/ Quiz 2/ CA 2
Aug 7 – 14, 2026 (Day Order 1- 6)	II IV	2.2 Photovoltaics – Principles – Physics and operation of solar cells – Solar panels- Solar power plants – On and Off-grid photovoltaics application - Photovoltaics: country perspective 4.3 Market equilibrium - Non-renewable (Oil) vs renewable energy	K1-K5 K1-K5	3 3	1-5 1-5	Demonstration and discussion Lecture , Comparative Matrix Development	One-min paper summary Assignment/ Quiz 2/ CA 2
Aug 17 - 24, 2026 (Day Order 1- 6)	II	2.2 Photovoltaics – Principles – Physics and operation of solar cells – Solar panels- Solar power plants – On and Off-grid photovoltaics application - Photovoltaics:	K1-K5	3	1-5	Simulation, Lecture	Application pitch

		country perspective					
	IV	4.4 Energy as a public good - Market failure - Externalities.	K1-K5	3	1-5	Lecture & discussion on: "Should Electricity be Free?"	Assignment/ Quiz 2/ CA 2
Aug 25 – Sep 2, 2026 (Day Order 1- 6)	III	3.1 Introduction – Basic principles of wind energy conversion.	K1-K5	3	1-5	Concept mapping	Quiz
	IV	4.4 Energy as a public good - Market failure - Externalities.	K1-K5	3	1-5	Carbon Footprint Calculation Exercise	Assignment/ Quiz 2/ CA 2
Sep 3 – 11, 2026 (Day Order 1- 6)	III	3.2 Nature of wind – Power in the wind - forces on the blades and wind energy conversion – Site selection.	K1-K5	3	1-5	Wind map discussion	Site selection game.
	V	5.1 Mechanism to correct imperfection in energy market - Command and Control - Taxes and cap trade	K1-K5	3	1-5	Carbon Trading Simulation Game	Assignment/ Quiz 2/ CA 2

		mechanism for internalization of environmental externalities.					
Sep 15-17, 2026 (Day Order 1 - 3)	III	3.2 Nature of wind – Power in the wind - forces on the blades and wind energy conversion – Site selection.	K1-K5	3*+1	1-5	Field visit	**Component test- Assignment- K3 level-5 marks**
Sep 18 –23, 2026	**C.A. Test - II**						
Sep 24 - 28, 2026 (Day 4 – 6)	III	3.3 Classification of wind energy conversion systems – Advantages and limitations.	K1-K5	2	1-5	Lecture and discussion	Exit ticket activity
Sep 29 – Oct 7, 2026 (Day Order 1 - 6)	III	3.3 Classification of wind energy conversion systems – Advantages and limitations.	K1-K5	3	1-5	Group discussion	Debate
	V	5.2 Energy and climate change -	K1-K5	3	1-5	Carbon Trading Simulation Game,	Data Interpretation

		Energy security - Organizations - UNFCCC (Paris Agreement) , Bureau of Energy Efficiency (India), UNDP.				Climate Data Interpretation (NASA/IPCC Graphs) & Energy Security Index Construction Activity	Test, Simulation Report, Assignment/ Quiz 2/ CA 2
Oct 8 - 14, 2026 (Day Order 1 - 6)	III V	3.3 Classification of wind energy conversion systems – Advantages and limitations. 5.3 Energy efficiency policies- Recent renewable energy policies in India	K1-K5 K1-K5	3 3	1-5 1-5	Video Lecture and Discussion Policy Evaluation Workshop	Score board activity Policy Evaluation Report & Energy audit report.
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. Dorothy Nivedha C**

Course Title : **Public Policy**

Course Code : **23EC/GE/PP22**

Shift : **1**

COURSE OUTCOMES (COs)

COs	Description	CL
CO1	Recall the key concepts of public policy making	K1
CO2	Comprehend the factors which influence policy making	K2
CO3	Apply to varied real-life situations the concepts taught	K3

	CL – Cognitive Level **K1 – Remember | K2 – Understand | K3 – Apply**	

Week	Unit No.	Content	Cognitive Level	Teaching Hours	COs	Teaching Learning Methodology	Assessment Methods
Jun 15 – 22, 2026 (Day Order 1- 6)	1	1.1 Public Policy – Definition	K1-2	2	1-3	PPT, Lecture, Class Discussion	Quiz
Jun 23 – July 1, 2026 (Day Order 1- 6)	1	1.2 Policy Studies as a science	K1-3	2	1-3	PPT, Lecture, Class Discussion	Quiz
July 2 – July 8, 2026 (Day Order 1- 6)	1	1.3 Brief review of the official and unofficial actors and their roles	K1-3	2	1-3	PPT, Lecture, Class Discussion	Stakeholder Mapping Exercise

July 9 – 16, 2026 (Day Order 1- 6)	1	1.4 Case study – Normative and Empirical analysis in the Abortion Debate	K1-3	3	1-3	PPT, Lecture, Class Discussion	
July 17 – 24, 2026 (Day Order 1- 6)	2	2.1 Brief introduction to the types of policies	K1-3	2	1-3	PPT, Lecture, Class Discussion	Policy Debate Analysis
July 25 – 28, 2026 (Day Order 1- 3)	2	2.1 Distributive policies, Regulatory policies and Redistributive policies	K1-3	2	1-3	PPT, Lecture, Class Discussion	Quiz

July 29 – Aug 3, 2026	**C.A. Test - I**						
Aug 4 - 6, 2026 (Day Order 4 - 6)	2	2.2 Elements of Policy Design	K1-3	2	1-3	PPT, Lecture, Class Discussion	Policy Design Assignment

Aug 7 – 14, 2026 (Day Order 1- 6)	3	2.3 Case Study: Women's Reservation Bill/Right to Education Act	K1-3	2	1-3	PPT, Lecture, Class Discussion	
Aug 17 - 24, 2026 (Day Order 1- 6)	3	3.1 Approaches to implementation – Top Down, bottom up and synthesis	K1-3	2	1-3	PPT, Lecture, Class Discussion	Quiz
Aug 25 – Sep 2, 2026 (Day Order 1- 6)	3	3.1 A third generation of implementation research	K1-3	2	1-3	PPT, Lecture, Class Discussion	
Sep 3 – 11, 2026 (Day Order 1- 6)	3	3.2 Policy failure and learning from it	K1-3	2	1-3	PPT, Lecture, Class Discussion	Policy Failure Analysis – Case Study

Sep 15-17, 2026 (Day Order 1 - 3)	3	3.3 Guidelines to memowriting	K1-3	1	1-3	PPT, Lecture, Class Discussion	Policy Memo Writing
Sep 18 –23, 2026	**C.A. Test - II**						
Sep 24 - 28, 2026 (Day 4 – 6)	3	3.4 Case Study: Analysis of the implementation and failures of the Public Distribution System	K1-3	2	1-3	PPT, Lecture, Class Discussion	
Sep 29 – Oct 7, 2026 (Day Order 1 - 6)							
Oct 8 - 14, 2026 (Day Order 1 - 6)							
Oct 15 - 21, 2026 (Day Order 1- 4)	**REVISION**						