

**STELLA MARIS COLLEGE (AUTONOMOUS), CHENNAI**  
**COURSE PLAN June - November 2024**

**Department** : Economics  
**Name/s of the Faculty** : Ms. Rekha M  
**Course Title** : Environmental Economics  
**Course Code** : 23EC/MC/EE33  
**Shift** : I

**COURSE OUTCOMES (COs)**

<b>COs</b>	<b>Description</b>	<b>CL</b>
<b>CO1</b>	Demonstrate an understanding of the basic concepts and theories in environmental economics	K1
<b>CO2</b>	Identify, analyse and evaluate the basic environmental economic valuation practices	K2
<b>CO3</b>	Illustrate a detailed understanding of the value of environment	K3
<b>CO4</b>	Explain the problems faced by environmental damage	K4
<b>CO5</b>	Critically analyze environmental issues at the national and international levels	K5

Week	Unit No.	Content	Cognitive Level	Teaching Hours	COs	Teaching Learning Methodology	Assessment Methods
Jun 19 – 26, 2024 (Day Order 1 - 6)	I	<b>Unit I Fundamental of Environmental Economics</b>					
		1.1 Definition, Scope, and Significance	K1 – K2	2	1-5	Lecture, Discussion	Assignment/ Quiz / / CA
		1.2 Environment – economylinkage – material balance approach	K1-K4	2	1-5	Lecture, Discussion	Assignment/ Quiz / / CA
Jun 27 – July 4, 2024 (Day Order 1 - 6)	I	1.3 Environment – economylinkage – material balance approach	K1 – K4	1	1-5	Participatory Learning Methods	Case Studies
		1.4 Environmental Kuznets Curve	K1 - K5	3	1-5	Participatory Learning Methods	Assignment/ Quiz / / CA
July 5 – 12, 2024 (Day Order 1 - 6)	I	1.5 Sustainable Development - Weak and Strong Sustainability Criteria	K1-K5	3	1-5	Lecture, Discussion	Assignment/ Quiz / / CA
	II	<b>Unit II Market Failure</b>					
		2.1 Characteristics of Public good	K1-K5	1	1-5	Lecture, Discussion	CA-I Quiz

July 15 – 23, 2024 (Day Order 1 - 6)	II	2.2 Externalities	K1-K5	3	1-5	Lecture, Discussion	CA-I Quiz
		2.3 Pigouvian fee and Coase Theorem on Property Rights	K1-K5	1	1-5	Problem Solving	CA-I Quiz
July 24 – 31, 2024 (Day Order 1 - 6)	II	2.3 Pigouvian fee and Coase Theorem on Property Rights	K1-K5	2	1-5	Problem Solving	CA-I Quiz
		2.4 Tragedy of Commons	K1-K5	2	1-5	Problem Solving	CA-I Quiz
Aug 1 – 5, 2024 (Day Order 1 - 3)	II	2.4 Tragedy of Commons	K1-K5	1	1-5	Problem Solving	CA-I Quiz
Aug 6 – 10, 2024	<b>C.A. Test – I</b>						
Aug 12 – 14, 2024 (Day Order 4-6)	III	<b>Unit III Valuing Environment</b>				Experiential Learning	CA-II Quiz
		3.1 Concept of environmental value - Total Economic Value	K1- K3	2	1-5		
Aug 16 – 23, 2024 (Day Order 1-6)	III	3.2 Direct Method of valuation - Stated Preference Method: Contingent Valuation Method	K1- K5	4	1-5	Experiential Learning	CA-II Quiz
Aug 27 – Sep 3, 2024 (Day Order 1-6)	III	3.3 Revealed Preference – Hedonic Pricing and Travel Cost Model	K1-K4	4	1-5	Experiential Learning	CA-II Quiz

Sep 4 – 11, 2024 (Day Order 1-6)	III	3.3 Revealed Preference – Hedonic Pricing and Travel Cost Model	K1-K4	1	1-5	Experiential Learning	CA-II Quiz
	IV	<b>Unit IV-Economics of Pollution control</b> 4.1 Optimal Level of Pollution	K1-K4	3	1-5	Lecture, Discussion	CA-II
Sep 12 - 20, 2024 (Day Order 1-6)	IV	4.2 Regulation of Pollution through Economic instruments	K1 – K5	3	1-5	Lecture, Discussion	CA-II
Sep 23 - 26, 2024 (Day Order 1-4)	V	<b>Unit V International Environmental Problems</b>	K1 -K3	3	1-5	Lecture, Discussion	CA-II
		5.1 Trans-Boundary Environmental Problems – Cases of ozone					
Sep 27 – Oct 3, 2024	<b>C.A. Test - II</b>						
Oct 4 – 5, 2024 (Day 5 & 6)	V	5.1 Cases of ozone depletion, Acid Rains	K1 -K3	3	1-5	Lecture, Discussion	Assignment/ Quiz
Oct 7 - 15, 2024 (Day Order 1 to 6)	V	5.1 Trans-Boundary Environmental Problems – Cases of ozone depletion, Acid Rains	K1 -K3	3	1-5	Lecture, Discussion	Assignment/ Quiz

Oct 16 - 22, 2024 (Day Order 1 to 6)	V	5.2 Economics of Climate change	K1 -K3	3	1-5	Lecture, Discussion	Assignment/ Quiz
Oct 23 - 24, 2024 (Day Order 1 to 2)	<b>REVISION</b>						