

Bachelor of Arts
(-English Medium) -Semester V
Economics Paper –
With Effects from -2021-22

Old Syllabus	Proposed Syllabus
Title of the Paper:	Environmental Economics
Subject Code	Subject Code

	Cr	L	T	D (EE)	EE	IE	T
Environmental Economics			-				
	4	60	-	3 hrs	75	25	100

#L=Lectures per week, Cr=Credits, P/T=Practical/Tutorials, D=External Exam Duration, EE=External Examination, IE=Internal Examination, T=Total Marks

Old Syllabus	Proposed Syllabus
<p>Objectives:</p> <p>Learning Outcomes:</p>	<p>Objectives:</p> <ol style="list-style-type: none"> 1) Identify and analyze the key issues related to economic growth with environmental and ecological constraints 2) Demonstrate the use of economic theory in analyzing contemporary environmental issues 3) To identify valuation techniques to measure environmental problems <p>Outcomes-</p> <ol style="list-style-type: none"> 1) Understanding of various roles the environment plays in the economic process with merits and demerits of market based and control mechanism. 2) Recognize and apply valuation techniques and undertake basic environmental cost benefit analysis. 3) Analyze the issues involved in meeting the challenges of climate change.

Old Syllabus		Proposed Syllabus							
Unit	Topic and Details Old Syllabus	Module	Module Specific Objectives	Content	Weightage	Instruction Time	Credits	Evaluation	
								IE Weightage	EE Weightage
1		Module 1: Basic Environmental Issues: -	To introduce students to various issues related to our Environment	a) Environment and Ecology, b) Linkages between Ecology, Environment and Ecosystems c) Environmental Costs of Economic Growth d) Sustainable Development Goals	25	15	1	5	20
		Module 2- Welfare Economics:	To help students understand about the various concepts of welfare economics Govt. policy related to environment issues	a) Pareto optimality and market failure in presence of externalities b) Pigovian Tax & Subsidy on Pollution control c) Property Rights and Transaction Costs d) Urbanization and their Impact on Environment; Air, Land and Water Pollution e) Deforestation	25	15	1	5	20
		Module 3- Environmental Valuation	To study about various practices related to valuation of environmental policies with case study	a) Valuation of non-market goods and services- theory and practice b) Measurement methods, Social Cost-benefit analysis of environmental policies and regulations c) Risk Assessment & environmental impact assessment	25	15	1	5	20

			Module4 Economics of Resource management	To understand importance of resource management in Environment	Theories of Optional Use of Exhaustible and Renewable Resources a) Integrated Environmental and Economic Accounting and the Measurement Environmentally Corrected GDP b) Ecological Footprint Analysis c) Comprehensive Wealth and Genuine savings d) Global Environmental Governanc	25	15	1	5	20
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Evaluation Scheme:**A. Internal Exams: Total Marks: 25**

1. Internal Test
2. Assignments
3. Projects

B. External Exams: Total Marks: 75

The pattern of the written exam would be as follows:

1. attempt any 5 out of 7 questions
2. question no. 7 short note- any 2 out of 3

References:**A. Essential Reading:**

1. Dodo J. Thampapillai, Matthias Ruth (2019,) Environmental Economics Concepts, Methods and Policies By Routledge publication
2. John Asafu-Adjaye (The University of Queensland, Australia) (2005) Environmental Economics for Non-Economists Techniques and Policies for Sustainable Development 2nd Edition <https://doi.org/10.1142/5727> |
3. Fisher, A.C. (1981): Resource and Environmental Economics, CUP, Cambridge
4. Baumol, W.J. and W.E. Oates (1988): The Theory of Environmental Policy (2e), CUP, Cambridge.
5. Hanley, Shogren and White (1997): Environmental Economics in Theory and Practice, Macmillan.
6. Kolstad, C.D. (1999): Environmental Economics, OUP, ND.
7. Pearce, D.W. and R. Turner (1991): Economics of Natural Resource Use and Environment, John Hopkins Press, Baltimore.
8. Tietenberg, T. (1994): Environmental Economics and Policy, Harper Collins, NY.
9. Arrow, K.J., P. Dasgupta, I.H. Goulder, K.J. Mumford and K. Oleson (2012): "Sustainability and Measurement of Wealth", Environment and Development Economics, 17(3):317-53.
10. Dorfman and Dorfman (1977): Economics of the Environment (2e), W.W. Norton, NY.
11. A. J. and A.D. Zeeuw (Ed.) (2002): Recent Advances in Environmental Economics, Edward Elgar, Cheltenham, U.K. 10.
12. Muthukrishnan, S. (2010): Economics of Environment, PHI Learning Private Ltd, New Delhi 5. Sengupta, R. (2013): Ecological Limits and Economic Development: Creating Space, Oxford University Press, New Delhi.
13. DM Karpagam, , Kindle (2019) Environmental Economics: (2019)A textbook paperback
14. Bhattacharya Rabindranath,(2002) Environmental Economics: An Indian Perspective paperback, , Kindle

B. Additional Reading:

1. EPW
2. E-books from EBSCO
3. Yojana Journal
4. Kurukshetra Journal
5. RBI bulletin
6. Economic Survey
7. Economic Times Newspaper