



Indraprastha College for Women

University of Delhi

Work Plan for ODD SEMESTER –2026

Course Name:	B.A (H) Economics
Paper Title:	Environmental Economics
Unique Paper Code:	2273100010
Semester:	VII
Faculty(s):	Dr. Sujayata Choudhry
Year:	2026

Work Plan			
Unit No.	Learning Objective	Lecture No.	Topics to be Covered
1	Introduction	Lecture 1-4	What is environmental economics, Welfare Economics
		Lecture 5-6	Review of microeconomics, welfare economics, Don Fullerton and Robert Stavins (1998). "How Economists See the Environment." <i>Nature</i>
2	The Design and Implementation of Environmental Policy	Lecture 7-9	Pigouvian taxes and effluent fees, tradable permits
		Lecture 10-12	Choice between taxes and quotas under uncertainty, implementation of environmental policy
		Lecture 13-18	Implementation of environmental policy
		Lecture 19-21	Schmalensee, Richard and Robert N. Stavins (2017). "The design of environmental markets: What have we learned from experience with cap and trade?"
		Lecture 22-24	Blackman, Allen, Li, Z., and Liu, A. A. (2018). "Efficacy of command-and-control and market-based environmental regulation in developing countries,"

3	Measuring the Benefits of Environmental Improvements	Lecture 25-26	Nonmarket values
		Lecture 27-31	Measurement methods
		Lecture 32-35	Risk assessment and perception
4	International Environmental Problems	Lecture 36-41	Trans-boundary environmental problems
		Lecture 42-45	Economics of climate change

Unit	Contents/Syllabus
I	Introduction: What is environmental economics; review of microeconomics and welfare economics.
II	The Design and Implementation of Environmental Policy: Overview; Pigouvian taxes and effluent fees; tradable permits; choice between taxes and quotas under uncertainty; implementation of environmental policy.
III	Measuring the Benefits of Environmental Improvements: Nonmarket values and measurement methods; risk assessment and perception.
IV	International Environmental Problems: Trans-boundary environmental problems; economics of climate change; trade and environment
S.No.	Name of Authors/Books/Publishers
1.	Charles Kolstad. <i>Intermediate Environmental Economics</i> , Oxford University Press, 2 nd edition (2012). [Indian reprint available.]
2.	Don Fullerton and Robert Stavins (1998). "How Economists See the Environment." <i>Nature</i> , Vol. 395, Oct 1, 1998, pp. 433-434. [Reprinted as Chapter 1 in Stavins (2012).]
3.	Schmalensee, Richard and Robert N. Stavins (2017). "The design of environmental markets: What have we learned from experience with cap and trade?" <i>Oxford Review of Economic Policy</i> , Vol. 33, No. 4, pp. 572-588.

4.	Blackman, Allen, Li, Z., and Liu, A. A. (2018). "Efficacy of command-and-control and market-based environmental regulation in developing countries," <i>Annual Review of Resource Economics</i> , Vol. 10, pp. 381-404.
5.	Jonathan Harris and Brian Roach (2018). <i>Environmental and Natural Resource Economics: A Contemporary Approach</i> , Routledge.
6.	State of Environment Report, 2015

Paper Components			
Credits	Lecture (L)	Tutorial (T)	Practical (P)
4	3	1	NA
Assessment Scheme			
S.No.	Component	Marking Scheme	Total Marks
1	Internal Assessment - Assignment/Quiz/Project/ Presentation - ClassTest - Attendance		30
		12	
		12	
		6	
2.	Continuous Assessment (Tutorial) - Activity 1 - Activity 2 - Attendance		40
		20	
		15	
		5	
3.	Practical - Continuous Assessment - End Term Written/Practical Exam - Viva	NA	
4.	End Semester Examination		90