



**Indraprastha College for Women
University of Delhi**

Work Plan for ODD SEMESTER –2026

Course Name:	B. A. (Hons.)
Paper Title:	ENVIRONMENT AND ECOLOGY
Unique Paper Code:	2292103501
Semester:	5th
Faculty(s):	Dr. Aakash Upadhyay and Dr. Gaurav (Sharing)
Year:	August 2026- November 2026

Work Plan			
Period	Unit No.	Learning Objective	Topics to be Covered
Aug. 1 st week	Unit-1	Various dimensions of ecology and ecosystems, their spatial distribution	Concept of Environment, Ecology and Ecosystem, Types of Ecology,
Aug. 2 nd week	Unit-1	Various dimensions of ecology and ecosystems, their spatial distribution	Concepts of Ecosystem Services, Ecological and Material Footprint, Global Planetary Boundaries
Aug. 3 rd week	Unit-2	Various dimensions of ecology and ecosystems, their spatial distribution	Species Interactions; Ecological Limiting Factors,
Aug. 4 th week	Unit-2	Various dimensions of ecology and ecosystems, their spatial distribution	Ecosystem: Structure and Functions; Human Adaptation
Sept. 1 st week	Unit-3	To learn about the global environmental challenges and management	Climate Change
Sept. 2 nd week	Unit-3	To learn about the global environmental challenges and management	Biodiversity loss
Sept. 3 rd week	Unit-3	To learn about the global environmental challenges and management	Land degradation and Human health issues
Sept. 4 th week	Unit-3	To learn about the global environmental challenges and management	Land degradation and Human health issues
October 1 st week	Unit-4	To know about regional environmental challenges	Coastal and Marine Ecology, Loss of mangroves and corals,
October 2 nd week	Unit-4	To know about regional environmental challenges	Coastal and Marine Ecology, Loss of mangroves and corals,
October 3 rd week	Unit-4	To learn about the global environmental challenges and management	Garbage Patches; Urban Ecology:
18 th Oct-25 th Oct		BREAK	MID-SEMESTER BREAK
Nov. 1 st week	Unit-4	To learn about the global environmental challenges and management	Waste disposal and Pollution

Nov. 1 st week	Unit-4	To learn about the global environmental challenges and management	Waste disposal and Pollution
Nov. 2 nd week	Unit-5	Understanding of environmental governance.	Environmental Impact Assessment
Nov. 3 rd week	Unit-5	Understanding of environmental governance.	Global and National Environment Policy of India
20 th November	DISPERSAL OF CLASSES		

Syllabus Distribution:

- Unit 1, 2, and 4 will be taken by Dr. Aakash Upadhyay
- Unit 3 will be taken by Dr. Gaurav
- Unit 5 will be shared by both the faculty
- IA and CA will be divided by both the faculties

Units	TOPICS
I	• Introduction: Concept of Environment, Ecology and Ecosystem; Types of Ecology; Concepts of Ecosystem Services; Ecological and Material Footprint; Global Planetary
II	• Ecology and Ecosystem: Species Interactions; Ecological Limiting Factors; Ecosystem: Structure and Functions; Human Adaptation
III	• Global Environmental Challenges and Management: Climate Change, Biodiversity loss, Land degradation and Human health issues
IV	• Regional Ecological Issues and Management: Coastal and Marine Ecology: Loss of mangroves and corals, Garbage Patches; Urban, Ecology: Waste Disposal and Pollution
V	• Programmes and Policies: Environmental Impact Assessment; Global and National Environment Policy of India
S. No.	Name of Authors/Books/Publishers
1.	• Chapman, J.L.& M.J. Reiss. (1998). Ecology: Principles and Applications. Cambridge Univ. press.
2.	• Freedman, Bill. 1995. Environmental Ecology: The Ecological Effects of Pollution, Disturbance, and Other Stresses, Academic Press. London.
3.	• Cunningham W. P. and Cunningham M. A., 2004: Principals of Environmental Science: Inquiry and Applications, Tata Macgraw Hill, New Delhi.
4.	• Chandna R. C., 2002: Environmental Geography, Kalyani, Ludhiana

	Paper Components		
Credits	Lecture (L)	Tutorial (T)	Practical (P)
4	3	1	0
Assessment Scheme			
S.No.	Component	Marking Scheme	Total Marks
1	Internal Assessment • Assignment/Quiz/Project/Presentation • Attendance	12 Test 12 Assignment 6 Attendance	30
2.	Continuous Assessment	CA 1 – 20 Marks CA 2 – 15 Marks Attendance – 5 Marks	40
3	End Semester Exam	90	90