



Integral University, Lucknow
Department of Environmental Science

Effective from Session:2023-2024							
Course Code	B150109T/ES142	Title of the Course	Human and Environment	L	T	P	C
Year	I	Semester	I	3	1	0	4
Pre-Requisite 10+2	10+2	Co-requisite	NIL				
Course Objectives	To study about the Environment. To study about the Natural Resources. To study about Biodiversity and Conservation. To study Environmental problems and Global and National Environmental issues. To study Human Population and Environmental Ethics.						

Course Outcomes				
CO1	Explain how environmental harm can interfere with the enjoyment of human rights.			
CO2	Determine how the exercise of human rights can help promote environmental protection.			
CO3	Gain knowledge about the conservation of biodiversity and its importance.			
CO4	Aware students about the problem of Global and National Environmental issues.			
CO5	Identify, analyze, and compare good examples of national laws and public policies for the protection of the environment under a human right approach			
Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1.	Introduction to Environment	Environment, its components and segments, Multidisciplinary nature of Environmental Studies Scope and Importance, Concept of Sustainability and sustainable development, SDGs	6	CO1
2.	Environmental Movements and conferences	Environmental Movements at the global level, History of Environmental movements, Environmental Movements in India, National and International environmentalists, International and National summits and conferences	6	CO2
3.	The Relationship Between Human Rights and the Environment	Protecting the Environment Using a Human Rights Approach. Legal and Institutional Framework: Human Rights and the Environment - The UN Human Rights System and Other International Recognition of Human Rights and Environment Linkages. – Legal and Institutional Framework: Human Rights and the Environment - The Regional Human Rights System and Institutional Framework	8	CO3
4.	Human Rights Norms relating to the Protection of the Environment	the procedural and substantive human rights obligations relating to the protection of the environment. international human rights tribunals and other human rights bodies and actors that play a role in the protection of the environment. The human rights obligations relate to the protection of vulnerable groups from environmental harm.	8	CO3
5.	Implementation of a Human Rights Approach to Environmental Protection	Constitutional Rights to a Healthy Environment, Good Practices in Procedural and Substantive Environmental Protection, Good Practices in the Protection of those Vulnerable to Environmental Harm	8	CO4
6.	Environmental Philosophy & ethics	foundational concepts in environmental philosophy and ethical frameworks – and how these are reflected in select expressive works. Important Case studies	8	CO3, CO4
7.	Global and National Environmental Issues	Climate change, Ozone layer depletion, acid rain, and impacts on human communities and the Environment. International agreements: Montreal and Kyoto protocols and convention on Biological Diversity (CBD), Tribal rights, Human-wildlife conflicts in the Indian context.	8	CO4, CO5
8.	Impact of Human Population on the Environment	Human population growth: Impacts on environment, human health and welfare, Resettlement, and rehabilitation of project affected persons, case studies, Environmental ethics: Role of Indian and other religions and cultures in environmental conservation, Environmental communication and public awareness as studies.	8	CO5

Reference Books:

- 1) Agarwal, K.C. 2001 Environmental; Biology, Nidi Pub. Ltd. Bikaner.
- 2) Bharucha Erach, The Biodiversity of India, Mapin Pub. Pvt. Ltd., Ahmedabad-380, India.
- 3) Human Value, Environmental Ethics and Sustainability: The Precautionary Ecosystem Health Principle (Values and Identities: Crossing Philosophical Borders) ISBN-13 978-1783487981
- 4) Professional Ethics and Human Values by R.S NAAGARAZAN, ISBN (10) : 81-224-2301-9 ISBN (13) : 978-81-224-2301-3

e-Learning Source:

- <https://byjus.com/biology/difference-between-environment-and-ecosystem>.
<https://www.youtube.com/watch?v=dRPI4TB8w7k>

Course Articulation Matrix: (Mapping of COs with POs and PSOs)

PO-PSO CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
	CO1	1	1	1	1	1	2	2	-	-	-	-	-	1	1	1	1	-
CO2	1	1	1	1	1	2	2	-	-	-	-	-	1	1	1	1	-	-
CO3	1	1	1	1	1	2	2	-	-	-	-	-	1	1	1	1	-	-
CO4	1	1	1	1	1	2	2	-	-	-	-	-	1	1	1	1	-	-
CO5	1	1	1	1	1	2	2	-	-	-	-	-	1	1	1	1	-	-

1- Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

Name & Sign of Program Coordinator	Sign & Seal of HoD
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