

Course Code	Course Name	Credits
26HS601	ENVIRONMENTAL HISTORY OF INDIA	04

Course Objectives

- To introduce students to the meaning, concept, and development of Environmental History as an emerging interdisciplinary field.
- To understand the relationship between human societies and the environment from early societies to the present.
- To examine the impact of colonialism, industrialization, and development policies on India's environment.
- To analyze major environmental movements and environmental legislation in India and their role in conservation and sustainability

Learning Outcomes

Upon successful completion of this course it is intended that a student will be able to:

- Recall basic concepts of environmental history, India's geological structure, and key environmental movements and laws.
- Explain environmental history and describe how humans interacted with nature in early societies.
- Identify the impact of colonial policies on India's environment.
- Examine how human-environment relationships changed over time (pre-colonial, colonial, post-colonial).
- Assess the importance of major environmental movements in India.
- Develop ideas for sustainable development using historical and environmental knowledge.

Unit 1 - An introduction to Environmental History (12 Hrs.)

The origins and institutionalization of environmental history: Meaning and Concept of Environmental History; the geological structure of India; Azoic; Phanerozoic, Indian landscape.

Unit 2 – Early Societies and Environment (12 Hrs.)

Origin and evolution of life; nature-human interface; resource use and human societies—pre-agriculture (hunting-gathering); origins of agriculture (Neolithic Revolution); Indian philosophy and environment—Srishti; Pradushan.

Unit 3 - Colonialism and Environment in India(12 Hrs.)

Colonial factor in history of environment and resource management: forests—pre-colonial and the colonial era; colonial states and nature of conservation; railways and deforestation; ecological imperialism; colonial hydrology.

Unit 4 – Major Environmental Movements(12 Hrs.)

Forests, dams, displacement, and pollution- Bishnoi Movement; Chipko Movement; Save Silent Valley Movement; Jungle Bachao Andolan; Appiko Movement; Narmada Bachao Andolan; Tehri Dam Conflict.

Unit 5 - Environmental Laws and Management in India (12 Hrs.)

Ancient Indian environmental law; development—Gandhian model of sustainable development; the Wildlife (Protection) Act, 1972; the Environment (Protection) Act, 1986; biodiversity—growth in India; Biodiversity Act, 2002.

Reference Books:

1. Kleppner, & Kolenkow. (2017). An introduction to Mechanics, (1st Ed.). McGraw-Hill.
2. Kittel, C., Knight, W., Helmholtz, Ruderman, & Moyer. (2017). Mechanics, (2nd Ed.). McGraw-Hill.
3. Satyendra Nath Maiti, Debi Prasath Raychaudhuri. (2008). Classical mechanics and general properties of Matter, (2nd Ed.). New Age International Publishers.
4. D.S. Mathur (2010), Elements of Properties of Matter. S. Chand & Company.

COs and Bloom's Taxonomy Mapping – 26HS601		
Course Outcomes	On the completion of the course, the students will be able to:	BTL
CO1	Recall basic concepts of environmental history, India's geological structure, and key environmental movements and laws.	K1, K2
CO2	Explain environmental history and describe how humans interacted with nature in early societies.	K4
CO3	Identify the impact of colonial policies on India's environment.	K3
CO4	Examine how human–environment relationships changed over time (pre-colonial, colonial, post-colonial).	K5
CO5	Assess the importance of major environmental movements in India.	K3

BTL K1 and K2 – remembering and understanding, K3- Applying, K4 – Analyse, K5- Evaluate and K6- Create

Relationship Matrix – 26HS601													
Course Outcomes	Programme Outcomes (POs)						Programme Specific Outcomes (PSOs)						Mean Score of Cos
	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	
CO1	3	2	2	2	2	3	3	3	2	2	2	2	2.33
CO2	3	2	3	3	2	2	2	2	3	2	2	2	2.33
CO3	3	3	2	2	2	2	2	2	3	2	2	2	2.25
CO4	2	2	2	2	2	3	2	2	2	3	3	2	2.25
CO5	3	2	3	3	2	2	2	2	3	2	2	3	2.41
Total													2.31

Mean Score: 3- High, 2- Medium/Moderate, 1-Low