

DEPARTMENT OF ENVIRONMENTAL SCIENCE

LESSON PLAN - (1st Sem.)

SESSION: 2023-2024

Name: Sunita Punia (Extension Lecturer)

Class: B.A. 1st Year (Sec. H,I)

Paper: Environmental Studies

Month	Week/ Days	Chapter/ Topic
October	Week 3	Introduction of Environment: Meaning, Definition, Components, Importance/Need & Environmental Awareness, Multidisciplinary Nature of Environment, Scope of Environmental Studies People in Environment, Environmental days/Calendar. Introduction of Natural Resources: Meaning, Definition, Classification, Different types of Natural Resources
	Week 4	Forest Resources: - Importance & uses, Afforestation, Deforestation, Causes & Effects of Deforestation. Mineral Resources:- Definition, Classification, uses of different types of minerals. Land resources:- Importance, Causes of land degradation Food Resources:- Food problems, Diseases related to food.
November	Week 1	Water Resources:- sources of Water, Importance, Dams and its Benefits, Energy Resources:- Definition, Classification, Renewable and non-renewable energy sources. Discussion on Different aspects of Environment like Drought, Floods, Dams & Climate Change, Role of Individual in Conservation of Natural Resources.
	Week 2	DIWALI- HOLIDAYS
	Week 3	Ecosystem:- Meaning, Definition, Types, Importance ,Energy flow, Food chain & Food web with examples, Ecological pyramids, types , major Ecosystem. Ecological succession. Ecosystem:- Meaning, Definition, Types, Importance ,Energy flow, Food chain & Food web with examples, Ecological pyramids, types , major Ecosystem. Ecological succession.
	Week 4	Class tests and assignments, Environmental Pollution:- Definition, Types of pollution, Air, Water, Soil, Thermal, Noise & Marine etc., Pollution Control & Preventive methods. Disaster management:- Floods, cyclone, landslide and earthquake, role of individual in pollution control & disaster management. Project Report and test.
December	Week 1	Solid Waste Management, Types, Social issues, Sustainable Development, Urban problem, Water conservation, Watershed management, Rain water harvesting. Environmental Ethics, Global warming, Green- house effect, Ozone depletion, Nuclear accidents

		& general discussion.
	Week 2	Waste land reclamation, Different acts & laws like forest Air, Water, Wildlife, Functions of CPCB & SPCB, Awareness methods, Population, Natality & Mortality. Population Explosion, Environment & Human Health, HIV, Women & Child welfare, Role of Information Technology in Environment & Human health.