

DEPARTMENT OF EVS

LESSON PLAN (EVEN SEM.)

SESSION: 2024-25

Name of Assistant Professor: Mrs. Kusum Lata

Class: B.A.I , B.Sc.I (Physical Science)

Paper: 24 UN-BOT-VAC 101 (Environmental Studies)

Month	Week/ Days	Chapter/ Topic
January	Week 5	Multidisciplinary nature of environmental studies; Scope and importance concept of environmental studies, sustainable development
February	Week 1	Definition, structure and function of ecosystem; Energy flow in an ecosystem:,
	Week 2	food chains, food webs, Major ecosystems types: Forest ecosystem, Grassland ecosystem, Desert ecosystem and Aquatic ecosystem (lakes, rivers, oceans.
	Week 3	Land resources: Land degradation and soil erosion. Forest resources: Importance of forests, deforestation: causes and impacts on environment
	Week 4	Water resources: Use and over- exploitation of surface and ground water. Energy resources: Renewable and non-renewable energy sources.
March	Week 1	Biodiversity and Conservation: Definition and its types, Endangered and endemic species of India. Threats to biodiversity: Habitat loss, poaching of wildlife, man-wildlife conflicts, biological invasions
	Week 2	Holi Break
	Week 3	Mid Term Exam and Assignments
	Week 4	Ecosystem and biodiversity services Environmental pollution: Air, water, soil and noise pollution.
April	Week 1	Solid waste management, Climate change, global warming, ozone layer depletion, acid rain
	Week 2	Environmental laws: Environment (Protection) Act, 1986, Air (Prevention & Control of Pollution) Act, 1981, Water (Prevention and control of Pollution) Act, 1974.

	Week 3	Human population growth: Impacts on environment, human health and welfare, Disaster management
	Week 4	Resettlement and rehabilitation of project affected person. Environmental ethics: Role of Indian and other religions and cultures in environmental conservation.

M.N.S GOVT. COLLEGE BHIWANI

DEPARTMENT OF EVS

SESSION: 2024-25

SEMESTER-II

CLASS: M.A. (Pol. Science)

PAPER: Environment and Energy Management

PAPER CODE: 18EEM-100

Sr. No.	Months	Week/ Days	Unit	Chapter/ Topic
1	January, 2025	1 to 4		Causes, Risk factors and Prevention strategies for air, water pollution
2	January, 2025	13 to 18		Causes, Risk factors and Prevention strategies for soil, radioactive pollution
3	January, 2025	21 to 25		Causes, Risk factors and Prevention strategies for noise pollution
4	January, 2025	27 to 01 Feb.		Chemical and biological method for measurement of pollution
5	February, 2025	3 to 8		Concept of acid rain and ozone depletion
6	February, 2025	10 to 15		Concept of Green House Effect
7	February, 2025	17 to 22		Concept, scope and limitations of environmental management, Innovative technique for environmental management - Vermicomposting
8	February, 2025	24 to 01 March		Biogas production, Biocontrol agents,
9	March, 2025	3 to 8		Bioremediation, Biomining
10	March, 2025	10 to 15	Holi Holidays	
11	March, 2025	17 to 22		Non-renewable sources of energy
12	March, 2025	24 to 29		Test and Assignment
13	April, 2025	31 to 5		Renewable Energy sources- Solar energy , Tidal Energy
14	April, 2025	7 to 12		Wind energy , Geothermal Energy

15	April, 2025	14 to 19		Role of an Individual to save environment and energy- Public Awareness
16	April, 2025	21 to 26		Revision

M.N.S GOVT. COLLEGE BHIWANI

DEPARTMENT OF EVS

SESSION: 2024-25

SEMESTER-II

CLASS: M.A.I (English)

PAPER: Environmental Studies and Sustainable Development

PAPER CODE: 23LS-EVS101

Sr. No.	Months	Week/ Days	Unit	Chapter/ Topic
1	January, 2025	1 to 4		Water Resources Management: coordinated development and management of water, land and related resources. Revival of Water Bodies
2	January, 2025	13 to 18		enumeration, protection and management of water bodies in their respective States
3	January, 2025	21 to 25		Renewable and Alternative energies such as, Solar, Wind, Tidal etc.
4	January, 2025	27 to 01 Feb.		Waste Management: Solid/Liquid/Plastic/C&D/Electronic Bio-medical/Hazardous wastes
5	February, 2025	3 to 8		Sanitation & Hygiene: Methods Garbage collection, industrial/ hazardous waste management, Methods of wastewater treatment and disposal.
6	February, 2025	10 to 15		Acts
7	February, 2025	17 to 22		Wildlife Protection & Conservation: habitat conservation, endangered and keystone species protection, ex-situ efforts, and poaching prevention
8	February, 2025	24 to 01 March		Environmental Impact Assessment: Water Environment, Biological Environment, Land Environment, Air Environment, Noise Environment, Socio-economic and Health Environment. Environment Management Plan
9	March, 2025	3 to 8		PPT Presentation

10	March, 2025	10 to 15	Holi Holidays	
11	March, 2025	17 to 22		PPT Presentation
12	March, 2025	24 to 29		PPT Presentation
13	April, 2025	31 to 5		Class Test
14	April, 2025	7 to 12		Submission of Study Report and Viva
15	April, 2025	14 to 19		Submission of Study Report and Viva
16	April, 2025	21 to 26		Submission of Study Report and Viva