

<u>Govt. College for Women, Shahzadpur (Ambala)</u>			
<u>Lesson Plan(2023-24 Even)</u>			
Name of the Teacher:- Sonia Devi		Paper Code: B23-VAC-201	
Paper Name- Environmental Studies		Session: 2023-24	
Class : B.Sc/B.Com/B.Com CAV I		Internal Marks: 15	
Subject: Environmental Science		External Marks: 35	
<u>Course Objectives</u>		1.It aims at enhancing the knowlegde of students about their suuounding 2.It will help to understand about the natural and man-made energy resourses and the enrgy flow in our environment3.It focuses on the pollution caused by natural and man made activites and its influences on the environment 4.Solid waste management	
<u>Course Outcome</u>		It makes students to explore their vision about the environment realtions with the living and non living things and the challenges to be faced if there is overuse/exploitation of our natural biodiversity.	
Month	Dates	Topics To be Covered	Assignment/ Test/ others
	01-08-2023 to 02-08-2023	Introduction to environmental studies: Multidisciplinary nature of environmental studie.Scope and importance	

August	07-08-2023 to 08-08-2023	Concept of sustainability and sustainable development.	
	14-08-2023	Ecosystems: Definition, structure and function of ecosystem; Energy flow in an ecosystem: food chains, food webs, Major ecosystems	
	21 -08-2023 to 22-08-2023	Types of ecosystem: Forest ecosystem, Grassland ecosystem, Desert ecosystem and Aquatic ecosystem (lakes, rivers, oceans).	
	28-08-2023 to 29-08-2023	Natural resources: Renewable and Non-renewable Resources Land resources: Land degradation and soil erosion.	

September	04-09-2023 to 05-09-2023	Forest resources: Importance of forests, deforestation: causes and impacts on environment. Water resources: Use and over-exploitation of surface and ground water.	
	11-09-2023 to 12-09-2023	Energy resources: Renewable and non-renewable energy sources.	
	18-09-2023 to 19-09-2023	Biodiversity and Conservation: Definition and its types, Endangered and endemic species of India. Threats to biodiversity: Habitat loss, poaching of wildlife, man-wildlife conflicts.	Assignment

	25-09-2023 to 26-09-2023	biological invasions; Conservation of biodiversity: In-situ and Ex- situ conservation of biodiversity. Ecosystem and biodiversity services: Ecological, economic, social, ethical, aesthetic and informational values.	
	03-10-2023	Environmental pollution Environmental pollution: types, causes, effects and controls; Air, water, soil and noise pollution.	
	09-10-2023 to 10-09-2023	Solid waste management: Sources, methods of disposal: Landfill, incineration and composting.	Unit Test

October	16-10-2023 to 17-10-2023	Climate change, global warming, ozone layer depletion, acid rain and impacts on human communities and agriculture.	
	23-10-2023	Environmental Policies & Practices Environmental laws: Environment (Protection) Act, 1986, Air (Prevention & Control of Pollution) Act, 1981, Water (Prevention and control of Pollution) Act, 1974	
	30-10-2023 to 31-11-2023	Human Communities and the Environment: Human population growth: Impacts on environment, human health and welfare. .	

November	06-11-2023 to 07-11-2023	Resettlement and rehabilitation of project affected person, Disaster management: floods, earthquake, cyclones, landslides and drought.	
	14-11-2023	Environmental ethics: Role of Indian and other religions and cultures in environmental	
	20-11-2023 to 21-11-2023	Revision	