

(Lesson Plan)

MCM DAV College for Women, Sector – 36A, Chandigarh
Monthly Teaching Plans (Odd Semester/Even Semester)
Session – (2021-2022)

Name of the Teacher/s: Dr. Shafila

Department: Environment Science

Class: Graduation (Ist Year)

Subject: Environment, Road Safety Education and Violence Against Women & Children, Drug Abuse: Problem, Prevention & Management

S.No.	Date (Monthly)		Topics to be Covered	Academic Activity Undertaken*
	From	To		
1.	16-09-2021	30-09-2021	Unit-I : ENVIRONMENT 1. Environment Concept: Introduction, concept of biosphere – lithosphere, hydrosphere, atmosphere; Natural resources – their need and types; Principles and scope of Ecology; concepts of ecosystem, population, community, biotic interactions, biomes, ecological succession. 2. Atmosphere: Parts of atmosphere, components of air; pollution, pollutants, their sources, permissible limits, risks and possible control measures.	Lecture method, PPT, E-notes, Audio/video lecture Group Discussion
2.	01-10-2021	30-10-2021	Unit-I : ENVIRONMENT 3. Hydrosphere: Types of aquatic systems; Major sources (including ground water) and uses of water, problems of the hydrosphere, fresh water shortage; pollution and pollutants of water, permissible limits, risks and possible control measures. 4. Lithosphere: Earth crust, soil – a life support system, its texture, types, components. Pollution and pollutants, reasons of soil erosion and possible control measures.	Lecture method, PPT, E-notes, Audio/ video lecture Group Discussion
3.	01-11-2021	30-11-2021	Unit-I : ENVIRONMENT 5. Forests: Concept of forests and plantations, types of vegetation and forests, factors governing vegetation, role of trees and forests in environment, various forestry programmes	Lecture method, PPT, E-notes, Audio/ video lecture Group Discussion

			of the Govt. of India, Urban Forests, Chipko Andolan. 6. Conservation of Environment: The concepts of conservation and sustainable development, why to conserve, aims and objectives of conservation, policies of conservation; conservation of life support systems – soil, water , air, wildlife, forests	
4.	01-12-2021	31-12-2021	7. Biodiversity : What is biodiversity, levels and types of biodiversity, importance of biodiversity, causes of its loss, how to check its loss; Hotspot zones of the world and India, Biodiversity Act, 2002. PART - II (ROAD SAFETY) 1. Concept and Significance of Road Safety. 2. Role of Traffic Police in Road Safety.	Lecture method, PPT, E-notes, Audio/ video lecture Group Discussion
5.	01-01-2022	22-01-2022	PART - II (ROAD SAFETY) 3. Traffic Engineering – Concept & Significance. 4. Traffic Rules & Traffic Signs. 5. How to obtain Driving License. 6. Traffic Offences, Penalties and Procedures. 7. Common Driving mistakes. 8. Significance of First-aid in Road Safety. 9. Role of Civil Society in Road Safety. 10. Traffic Police-Public Relationship	Lecture method, PPT, E-notes, Audio/ video lecture Group Discussion
6.	01-03-2022	31-03-2022	PART - III (VIOLENCE AGAINST WOMEN & CHILDREN) 1. Concept and Types of Violence: Protective Provisions of IPC on Domestic Violence & Sexual Violence against Women: 2. Protective Laws for Women 3. Protective Provisions of IPC regarding Sexual Violence against Children	Lecture method, PPT, E-notes, Audio/ video lecture Group Discussion
7.	01-04-2022	30-04-2022	PART – IV (DRUG ABUSE: PROBLEM, PREVENTION AND MANAGEMENT) UNIT I: Problem of Drug Abuse UNIT II: Theories of consequences of drug abuse Unit III: Extent and nature of the problem UNIT IV: Prevention and management of drug abuse	Lecture method, PPT, E-notes, Audio/ video lecture Group Discussion
8.	02-05-2022	30-05-2022	8. Management of Solid Waste: Merits and demerits of different ways of solid waste management – open dumping, landfill, incineration, resource reduction, recycling and reuse, vermicomposting and vermiculture, organic farming. 9. Indoor Environment: Pollutants and contaminants of the in-house environment; problems of the environment linked to urban and rural lifestyles; possible adulterants of the food; uses and harms of plastics and polythene; hazardous chemicals, solvents and cosmetics.	Lecture method, PPT, E-notes, Audio/ video lecture Group Discussion, Class test

			<p>10. Global Environmental Issues: Global concern, creation of UNEP; Conventions on climate change, Convention on biodiversity; Stratospheric ozone depletion, dangers associated and possible solutions.</p> <p>11. Indian Laws on Environment: Indian laws pertaining to Environmental protection: Environment (Protection) Act, 1986; General information about laws relating to control of air, water and noise pollution. What to do to seek redressal.</p>	
9.	01-06-2022	Till exam	<p>Unit-I : ENVIRONMENT</p> <p>12. Noise and Microbial Pollution: Pollution due to noise and microbes and their effects.</p> <p>13. Human Population and Environment: Population growth and family welfare programme, Human Health. HIV AIDS. Human Rights.</p> <p>14. Social Issues: Environmental Ethics: Issues and possible solutions, problems related to lifestyle, sustainable development; Consumerisms and waste generation.</p> <p>15. Local Environmental Issues: Environmental problems in rural and urban areas. Problem of Congress Grass & other weeds, problems arising from the use of pesticides and weedicides, smoking etc.</p>	Lecture method, PPT, E-notes, Audio/ video lecture Group Discussion, Class test
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*Any of these – (i) Lecture Method; (ii) PPT; (iii) Online Sources; (iv) Group Discussion; (v) Case Studies etc.
Other Methods adopted by the teacher – Please write the specific teaching method