**(Lesson Plan)**

**MCM DAV College for Women, Sector – 36A, Chandigarh**

**Monthly Teaching Plans (Odd Semester/Even Semester)**

**Session – (2020-2021)**

**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

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| **S.No.** | **Date**  **(Monthly)** | | | | **Topics to be Covered** | | | **Academic Activity Undertaken\*** |
| **From** | | **To** | |
| 1. | 04-09-2020 | | 30-09-2020 | | **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. | 01-10-2020 | | 29-10-2020 | | **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. | | | Lecture method,  PPT, E-notes, Audio/ video lecture  Group Discussion |
| 3. | 03-11-2020 | | 28-11-2020 | | **Unit-I** : **ENVIRONMENT**  4. Lithosphere : Pollution and pollutants, reasons of soil erosion and possible control measures.  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 of the Govt. of india, Urban Forests, Chipko Andolan. | | | Lecture method,  PPT, E-notes, Audio/ video lecture  Group Discussion |
| 4. | 01-12-2020 | | 24-12-2020 | | **PART - III (VIOLENCE AGAINST WOMEN & CHILDREN)**   1. Concept and Types of Violence: 2. Protective Provisions of IPC on Domestic Violence & Sexual Violence against Women: | | | Lecture method,  PPT, E-notes, Audio/ video lecture  Group Discussion |
| 5. | 01-01-2021 | | 30-01-2021 | | **PART - III (VIOLENCE AGAINST WOMEN & CHILDREN)**   1. Protective Laws for Women 2. Protective Provisions of IPC regarding Sexual Violence against Children   **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 |
| 6. | 01-02-2021 | | 26-02-2021 | | **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 |
| 7. | 01-03-2021 | | 14-03-2021 | | **Unit-I** : **ENVIRONMENT**  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. | | | Lecture method,  PPT, E-notes, Audio/ video lecture  Group Discussion |
| 8. | 01-04-2021 | | 30-04-2021 | | 7. 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.  8. 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.  9. Global Environmental Issues : Global concern, creation of UNEP; Conventions on climate change, Convention on biodiversity; Stratospheric ozone depletion, dangers associated and possible solutions.  10. 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. | | | Lecture method,  PPT, E-notes, Audio/ video lecture  Group Discussion, Class test |
| 9. | 01-05-2021 | | 31-05-2021 | | **Unit-I** : **ENVIRONMENT**  11. 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.  12. Noise and Microbial Pollution : Pollution due to noise and microbes and their effects.  13. Human Population and Environment : Population growth and family welfare programme, Human Health. HIV AIDS. Human Rights.  14. Social Issues : Environmental Ethics : Issues and possible solutions, problems related to lifestyle, sustainable development; Consumerisms and waste generation.  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. | | | Lecture method,  PPT, E-notes, Audio/ video lecture  Group Discussion, Class test |
|  | 01-06-2021 | | Till exam | | **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, Class test |
| **Departmental Meeting to Coordinate and Review the Monthly completion of Syllabus as per lesson plans** | | | | | | | | |
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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