

Dayanand Arya Kanya Mahavidyalaya

Department of Environmental Studies

Teaching Plan

Ms. Geeta Galani

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Department of Environmental Studies


Academic Session


2021-22

Dayanand Arya Kanya Mahavidyalaya
Department of Environmental Studies
2021-22

----- Semester wise Semester III/IV Teaching Plan 2021-22 (Offline Mode)			
Unit	Required Lectures	Monthly Lectures	Duration
Unit I Definition, scope and importance; Need for public awareness institutions in environment, people in environment. Unit II : Natural Resources (2)* Renewable and non – renewable and associated problems; Role of an individual in conservation of natural resources; Equitable use of resources for sustainable lifestyles.	04 04 04	October 12	12/10/2021 To 31/10/2021
Unit IV : Bio - diversity (10) Introduction - biodiversity at genetic, species and ecosystem levels.bio - geographic classification of India Value of biodiversity - Consumptive use value, productive use value, social, ethical, moral, aesthetic and optional value of biodiversity.India as a mega - diversity nation; hotspots of biodiversity. Threats to bio- diversity - habitat loss, poaching of wildlife, man - wild life conflicts.Common endangered and endemic plant and animal species of India. Insitu and Exsitu conservation of biodiversity Unit V : Pollution (6) Definition; Causes, effects and control measures of air water soil Marine noise and thermal pollutions and nuclear hazards.solid waste management - Causes, effects and control measures of urban and industrial waste.Role of individual and institutions in prevention of pollution.Disaster management - Floods, earthquake, cyclone, landslides	04 04 04	November/ December 12	01/01/2021 To 15/12/2021
Unit VI : Social issues and the Environment (12) Unsustainable to sustainable development; Urban problems related to energy; Water conservation, rainwater harvesting, watershed management; Problems and concern of resettlement and rehabilitation of affected people.Environmental ethics – issues and possible solutions – Resource consumption patterns and need for equitable utilization; Equity disparity in Western and Eastern countries; Urban and ruler equity issues; need for gender equity.Preserving resources for future generations. The rights of animals; Ethical basis of environment education and awareness; Conservation ethics and traditional values system of India.Climate change, global warming, acid rain, Ozone layer depletion, nuclear accidents and holocausts. Waterland Reclamation; Consumerism and water products.Environment legislations – The environment (protection) Act; The water (Preservation and Control of Pollution) Act; The Wildlife Protection Act; Forest Conservation Act; Issues involved in enforcement of environmental legislations – environment impact assessment (EIA), Citizens actions and action groups. Public awareness – Using an environmental calendar of activities, sell initiation.	04 04 04	January 12	01/01//2022 To 31/01/2022
Unit VII : Human Population and the Environment (10)Global population growth, variation among nations. Population explosion; Family Welfare Programs - method of sterilization; Urbanization. Environment and human health - Climate and health, infectious diseases, water- related diseases, risk due to chemicals in food, Cancer and environment. Human rights - Equity, Nutrition and health, Intellectual property rights (IPRS), Community Biodiversity registers(CBRs). Value education - environmental values, valuing nature, valuing cultures, social justice, human heritage, equitable use of resources, common property resources, ecological degradation. HIV / AIDS; Women and child Welfare; Information technology in environment and human health	04 04 06	February/ March 14	01/02/2022 To 10/03/2022
Extra Class for Slow learners Revision Class Mock Test			
University Semester Exams			
Diwali Vacation/ Semester Brack		December Holidays	

Date of Submission: 05/07/22


Dr. Pathak & Ms. Galani
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