

M.J. Govt.College for Girls, Pillukhera (Jind)

Lesson Plan (Session -2023-24)

Subject:- (Environmental Studies VAC -2 B 21-VAC-201)
Class-B.A.-I (2nd Semester) Even Semester

Sr. No.	Months	Contents/Topics
1	February 2024	Introduction to environmental studies: <ul style="list-style-type: none">• Multidisciplinary nature of environmental studies.• Scope and importance; Concept of sustainability and sustainable development. Natural resources: Renewable and Non- renewable Resources <ul style="list-style-type: none">• Land resources: Land degradation and soil erosion.• Forest resources: Importance of forests, deforestation: causes and impacts on environment.• Water resources: Use and over- exploitation of surface and ground water.• Energy resources: Renewable and non- renewable energy sources.
2	March 2024	Ecosystems: <ul style="list-style-type: none">• Definition, structure and function of ecosystem; Energy flow in an ecosystem: food chains, food webs, Major ecosystems types: Forest ecosystem, Grassland ecosystem, Desert ecosystem and Aquatic ecosystem (lakes, rivers, oceans). Biodiversity and Conservation: <ul style="list-style-type: none">• Definition and its types, Endangered and endemic species of India.• Threats to biodiversity: Habitat loss, poaching of wildlife, man- wildlife conflicts, 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.
3	April 2024	Environmental pollution <ul style="list-style-type: none">• Environmental pollution: types, causes, effects and controls; Air, water, soil and noise pollution.• Solid waste management: Sources, methods of disposal: Landfill, incineration and composting.• Climate change, global warming, ozone layer depletion, acid rain and impacts on human communities and agriculture. Environmental Policies & Practices <ul style="list-style-type: none">• Environmental laws: Environment (Protection) Act, 1986, Air (Prevention & Control of Pollution) Act, 1981, Water (Prevention and control of Pollution) Act. 1974.
4	May 2024	Human Communities and the Environment: <ul style="list-style-type: none">• Human population growth: Impacts on environment, human health and welfare.• Resettlement and rehabilitation of project affected person.• Disaster management: floods, earthquake, cyclones, landslides and drought.• Environmental ethics: Role of Indian and other religions and cultures in environmental conservation.

(Keemor) 28.2.2024

Department of Geography
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Department of Geography

Lesson Plan (Session -2023-24)

Subject:- Fundamentals of Physical Geography

Class-B.A.1st (2nd Semester) Even Semester (Theory/Practical)

<u>Sr. No.</u>	<u>Months</u>	<u>Syllabus Contents(Theory)</u>	<u>(Practical)</u>
1	January & February 2024	<ul style="list-style-type: none">Interior of the earth, geological time scale, rocks and their types.Theory of isostasy, continental drift and plate tectonic.	Preparation of climograph, hythergraph and hycograph
2	March 2024	<ul style="list-style-type: none">Degradational processes: weathering, mass wasting and resultant landforms.Weather and climate: Atmosphere-composition and structure.	Interpretation of a daily weather map of India: Pre-Monsoon, Monsoon and Post-Monsoon
3	April 2024	<ul style="list-style-type: none">Atmospheric temperature, pressure and moisture: measurement and distribution.Landforms generated by following geomorphic agents: river, under-ground water, wind and glacier.Surface configuration of ocean floors: surface relief of the Pacific, Atlantic and Indian Ocean. <p>Seminar/Presentation/Assignment/Quiz/Class Test etc.</p>	Identification and collection of rock samples: granite, basalt, laterite, limestone, shale, sandstone, conglomerate, slate, phyllite, schist, gneiss, quartzite. Seminar/Demonstration/Viva-voce/Lab records etc.
4	May 2024	<ul style="list-style-type: none">Circulation of oceanic waters: current of the Pacific, Atlantic and Indian Ocean.Revision of Syllabus	Extraction of physiographic information from Survey of India 1:50000 topographical maps of mountain, plateau and plain regions

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