

LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
3	16/9/14	Multi-disciplinary nature of Envi. studies	1	CB		
		Definition, Concept of Environment				
5	17/9/14	Scope and Multidisci- plinary nature.	2	"		
4	18/9/14	Components in Environ- ment	2	"		
		Atmosphere, Lithosphere Hydrosphere & Biosphere				
7	19/9/14	people in Environment and Institutes in Envi- ronment.	2	"		
3	23/9/14	Introduction to Natural resources.	2	"		
		Renewable resources. Non-Renewable resources.				
5	24/9/14	Forest resources. Uses and Major causes of Deforestation. Dams → benefits & drawbacks.	2	"		
4	25/9	Water resources and Main characters of water and structure of ground water.	2	"		
7	26/9	Problems due to over Exploitation of ground water, discussion about Droughts and Floods.	2	"		
3	30/9	Food resources, different sources, Malnutrition. problems with Modern Agriculture	2	"		
5	1/10	Mineral resources. Types of Minerals, uses and problems due to over Exploita- tion with Mineral Resources.	2	"		

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4	7/10	Land resources: types of soils, soil erosion types, desertification	2	CR		
7	8/10	Energy resources: renewable Energy resources of Non Renewable Energy resources.	2	LI		
3	9/10	Types of Renewable Energy resources: Solar Energy, Wind Energy, Tidal Energy, Geothermal,	2	LI		
5	10/10	Ocean thermal, Hydro power, Biogas, Biomass	2	LI		
4	14/10	Non-renewable Energy resources: coal, petrol,	2	LI		
7	15/10	Natural gas, CNG, Nuclear Energy Fission & Fusion Energy.	2	LI		
3	16/10	Introduction to Ecosystem, Definition, Types of Ecosystems Structure of Ecosystem	2	CR		
5	17/10	Food chain, Food webs Energy flow in Ecosystem	2	LI		
4	21/10	Energy flow models. Nutrient cycling.	2	LI		
7	22/10	Nitrogen, Carbon and phosphorus cycles.	2			
3	24/10	Ecological pyramids, Ecological succession	2	LI		
5	28/10	Types of Ecosystems & Characteristics of Ecosystem	2	LI		
4	29/10	Ideal Ecosystem Artificial Ecosystem.	2	LI		

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7	30/10	How the Ecosystems are degraded by man made activities.	II	CR		
3	31/10	Introduction to Biodiversity, Definition types	II	Y		
5	5/11	Value of Biodiversity Biogeographical classification of India	II	Y		
4	6/11	Why India as a Mega Biodiversity nation.	II	Y		
7	7/11	Indian hot spots Endemic species of Endangered species.	II	Y		
3	11/11	Threats to Biodiversity poaching, habitat loss	II	Y		
5	12/11	conservation of Bio-diversity	II	Y		
4	13/11	In-situ conservation Ex-situ conservation	II	Y		
7	14/11	Introduction to Envi. pollution, definition	III	CR		
3	18/11	Types of pollution and Types of pollutants.	III	Y		
5	19/11	Air pollution - Definition pollution sources, effects	III	Y		
4	20/11	Control measures of Air pollution.	III	Y		
7	21/11	Water pollution, Definition sources, effects of Control measures.	III	Y		

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3	25/11	Soil pollution, Definition sources, effects & control	III	CR		
5	26/11	Air pollution, Definition sources, effects, control	III	CR		
4	27/11	Marine pollution, Sources effects, control.	III	U		
7	28/11	Thermal pollution, Sources, effects & control.	III	U		
3	2/12	Nuclear pollution - Sources, effects, control	III	U		
5	3/12	Solid waste pollution sources, effects & disposal methods.	III	U		
4	4/12	Disaster management	III	U		
7	5/12	Introduction to Social issues and the	IV	CR		
3	7/12	Environment Sustainable development definition; Hurdles of Sustainable development	IV	U		
5	10/12	Resettlement and Rehabilitation problems	IV	U		
4	11/12	Migration of Rural area people to urban areas.	IV	U		
7	12/12	Water conservation methods, Rainwater	IV	U		
3	16/12	or harvesting, water shed management.	IV	U		
5	17/12	Energy consumption in rural & urban	IV	U		
4	18/12	Global issues like GHE, Acid rains,	IV	U		
7	19/12	O ₃ -depletion, climatic changes.	IV	U		

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