

LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
1	15/9/14	Multidisciplinary nature of Envi. studies	I	C.P.		
		Definition, Concept of Environment				
2	16/9/14	Scope and Multidisciplinary nature	II	II		
		Components of Environment, Atmosphere				
5	18/9/14	Lithosphere, Biosphere, Hydrosphere	II	II		
3	17/9	people and institutions in Environment	II	II		
1	22/9	Introduction to Natural Resources	II	II		
2	23/9	Renewable Resources and non-renewable	II	II		
		Water Resources				
5	25/9	Uses and Major Causes of Deforestation	II	II		
		atmos. Dams - benefits and drawbacks				
3	26/9	Water Resources and Characteristics of water	II	II		
		and structure of ground water				
1	29/9	Problems due to overexploitation of ground water	II	II		
		Droughts and Floods				
2	30/9	Food Resources different sources, Habitat	II	II		
5	6/10	Problems with Modern Agriculture	II	II		
3	7/10	Mineral Resources types and problems with overmining	II	II		

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1	7/10	Land resources types of soils, soil erosion	2	C-R		
	10	types and desertifi- cation				
2	14/10	Energy resources renewable Energy resources.	11	11		
5	13/10	non Renewable Energy resource	11	11		
3	14/10	Nuclear Energy, Types of Renewable Energy resources solar, wind, Tidal	11	11		
1	16/10	Hydro, Geothermal Ocean Thermal, Biogas and Biomass	11	11		
2	17/10	Non Renewable ER, Coal, crude oil & Natural gas, C.H ₄ G. L.P.G.	11	11		
5	20/10	Nuclear Energy Fission and Fusion	11	11		
3	21/10	Introduction to Ecosystems and Biodiversity Definition of Ecosystem	11	11		
1	24/10	Ecology, Types of Ecosystems, Structure and Functions.	11	11		
2	27/10	Energy flow in Ecosystem	11	11		
5	28/10	Nutrient flow in Ecosystem	11	11		
3	30/10	Hydrogen, Carbon and phosphorus cycle	11	11		

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1	3/10	Ecological pyramids	11	C.R		
2	3/11	Ecological Succession Types of Ecosystems - primary of Ecological Succession	11	11		
5	6/11	Ecosystem characters and Role of Ecosy- stem Succession Aquatic Ecosystem	11	11		
3	7/11	Ecosystems degradation	11	11		
1	10/11	Introduction to Bio diversity, definition types	11	11		
2	11/11	Value of Bio diversity	11	11	Hand-R	
5	12/11	Biogeographical classifi- cation of India	11	11		
3	14/11	India as a Mega Biodiversity Nation	11	11		
1	17/11	Endemic species. Endangered 11 Extinct species	11	11		
2	18/11	Endemic hotspots: Eastern Himalayas Western Ghats	11	11		
5	20/11	Threats to Biodiver- sity: poaching habitat loss	11	11		
3	21/11	Conservation of Biodi- versity	11	11		
1	24/11	In-Situ Conservatio Ex-Situ Conservatio	11	11		

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Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
2	25/11	Introduction to Envir. pollution	II	C.R		
5	27/11	Definition, Types of pollutants and types of pollution.	"	"		
3	28/11	Air pollution - Definition pollution sources, effects Control measure	"	"		
1	1/12	Water pollution Sources, effects, control	"	"		
2	2/12	Soil pollution, Definition Sources, effects, control	"	"		
5	4/12	Noise pollution, Sources effects, control	"	"		
		Marine pollution Sources, effects, control				
3	5/12	Thermal pollution Sources, effects, control	"	"		
1	8/12	Nuclear pollution Sources, effects, control	"	"		
2	9/12	Solid waste pollution Sources, effects	"	"		
5	11/12	Disposal methods	"	"	Mid-II	
		Disaster management				
3	12/12	Introduction to Social Issues and The environment Sustainable develop	II	C.R		
1	15/12	Definition Features of Sustainable development	"	"		
2	16/12	Resettlement and Rehabilitation problem	"	"		

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5	18/12	Migration of Rural area people to urban areas.	2	C.R		
3	19/12	Water Conservation methods, Rainwater harvesting, water shed management	"	"		
1	22/12	Energy Consumption difference in Rural and Urban	"	"		
2	23/12	Global concerns G.H.E, Acid rain, O ₃ -depletion & Climate changes.	"	"		
5	26/12	Environmental legislation	"	"		
3	29/12	Introduction to EIA	"	"		
1	30/12	Environmental Earth Summits	"	"		
2	2/1/15	Introduction to Human population and the Environment	2	C.R		
5	5/1/15	World population growth curve, population problems.	"	"		
3	6/1	Population characteristics and variations among Nations.	"	"		
1	8/1	Field visit	"			
2	9/1					
5	12/1/15					
	19/1/15				Mud-IR	