

Lesson Plan

Name of the Faculty : Neeraj Sharma

Discipline : Medical Lab Technology

Semester : 4th (Fourth)

Subject : Environment Education

Lesson Plan Duration : 15 weeks (January, 2018 to April, 2018)

Work Load (Lecturer/Practical) per week (in hours) : Theory = 03

Week	Theory	
	Lecture Day	Topic (including Assignment & tests)
1 st	UNIT- I	
	1 st	Definition, Scope and Importance of Environmental Education
	UNIT- II	
	2 nd	Basics of ecology and Ecosystem
2 nd	3 rd	Ecosystem: components and structure and types, Food Chain, Food Web
	4 th	Biodiversity and its value, Sustainable Development
	UNIT- III	
	5 th	Environment Pollution: its harmful effects
3 rd	6 th	Pollutants, Natural & manmade sources of pollution
	7 th	Air Pollution: Meaning and causes and Effects
	8 th	Controlling of Air Pollution
4 th	9 th	Water Pollution: Meaning, causes, effects and control measures
	10 th	Noise Pollution: Meaning, causes, effects and control measures
	11 th	Soil Pollution: Meaning, causes, e Acid Rain ffects and control measures
5 th	12 th	Radio Active/ Nuclear Pollution: Meaning, causes ,effectsand control measures
	UNIT- IV	
	13 th	Solid Waste: Meaning, Reasons for accumulation of solid waste
6 th	14 th	<ul style="list-style-type: none"> • Home Assignment No. 1: (contents of assignment will be assigned at that time only)
	15 th	✓ Sessionl test/Class test-I (Tentative)
	16 th	Side effects of Solid waste, Process of Solid waste disposal
7 th	17 th	Methods and techniques of Solid Waste management/disposal
	18 th	
	UNIT- V	
8 th	19 th	Mining: Meaning, types of mining, side effects of mining and its control
	20 th	Deforestation – Causes, effects and control measures
	UNIT- VI	
	21 st	Water (prevention and control of pollution) Act 1974,
8 th	22 nd	Air (Prevention and Control of Pollution) Act 1981 Board,
	23 rd	Environmental Protection Act 1986,

	24 th	Role and Function of State Pollution Control Board
9 th	25 th	<ul style="list-style-type: none"> Home Assignment No. 2: (contents of assignment will be assigned at that time only)
	26 th	Environmental Impact Assessment (EIA)
	27 th	✓ Sessional Test/Class Test-II (Tentative)
10 th	UNIT- VII	
	28 th	Role & Importance of Non-conventional Energy Resources , Wind Energy, Bio Energy, Hydro Energy)
	29 th	Solar Energy
	30 th	Wind Energy
11 th	31 st	Hydro Energy
	32 nd	Bio energy (Bio Gas)
	33 rd	Other non conventional energy sources like: Ocean thermal energy, Tidal Energy
12 th	UNIT- VIII	
	34 th	Global Warming
	35 th	Green House Effect
	36 th	Depletion of Ozone Layer, Recycling of Material
13 th	37 th	Environmental Ethics, Rain Water Harvesting
	38 th	Maintenance of Groundwater, Carbon Credits.
	39 th	Acid Rain
14 th	40 th	<ul style="list-style-type: none"> Home Assignment-3 (contents of assignment will be assigned at that time only)
	41 st	3 R approach of environment protection
	42 nd	Sessional Test/Class test-III(Tentative)
15 th	43 rd	Revision
	44 th	Revision/Class Test (oral/written)
	45 th	Revision
