

## LESSON PLAN

NAME OF THE FACULTY : Guest faculty  
 DISIPLINE : Computer engineering  
 YEAR : 1<sup>st</sup> YEAR  
 SUBJECT : **ENVIRONMENTAL STUDIES**  
 LESSION PLAN DURATION : 32 WEEKS  
 WORK LOAD PER WEEK : 02(T) + 01(P) = 3

Week	Theory	
	Lecture Day	Topic
1 <sup>ST</sup>	1.	Introduction of ENVIRONMENTAL STUDIES
	2.	Basics of Ecology
	3.	Eco system- concept
2 <sup>ND</sup>	4.	Sustainable development
	5.	Resources renewable and non renewable.
	6.	Introduction of Air Pollution
3 <sup>RD</sup>	7.	Source of air pollution.
	8.	Source of air pollution.
	9.	Effect of air pollution on human health
4 <sup>TH</sup>	10.	Effect of air pollution on human health
	11.	Effect of air pollution on Economy
	12.	Effect of air pollution on Economy
5 <sup>TH</sup>	13.	Effect of air pollution on plant,
	14.	Effect of air pollution on plant,
	15.	Effect of air pollution on animals.
6 <sup>TH</sup>	16.	Effect of air pollution on animals.
	17.	Air pollution control methods
	18.	SESSIONAL TEST - 1
7 <sup>TH</sup>	19.	Introduction of Water Pollution
	20.	Impurities in water
	21.	Impurities in water,
8 <sup>TH</sup>	22.	Cause of water pollution
	23.	Cause of water pollution
	24.	Source of water pollution.

9 <sup>TH</sup>	25.	Source of water pollution.
	26.	Effect of water pollution on human health
	27.	Effect of water pollution on human health
10 <sup>TH</sup>	28.	Concept of dissolved O <sub>2</sub> ,
	29.	BOD
	30.	COD.
11 <sup>TH</sup>	31.	Prevention of water pollution- Water treatment processes,
	32.	Prevention of water pollution- Water treatment processes,
	33.	Sewage treatment.
12 <sup>TH</sup>	34.	Sewage treatment.
	35.	Water quality standard
	36.	SESSIONAL TEST - 2
13 <sup>TH</sup>	37.	Introduction of Soil Pollution
	38.	Introduction of soil pollution
	39.	Sources of soil pollution
14 <sup>TH</sup>	40.	Types of Solid waste- House hold,
	41.	Types of Solid waste- House hold,
	42.	Types of Solid waste- Hospital,
15 <sup>TH</sup>	43.	Types of Solid waste- Hospital,
	44.	Types of Solid waste - Agriculture,
	45.	Types of Solid waste - Agriculture,
16 <sup>TH</sup>	46.	Types of Solid waste - Biomedical,
	47.	Types of Solid waste - Biomedical,
	48.	Types of Solid waste - Animal and human,
17 <sup>TH</sup>	49.	Types of Solid waste - Animal and human,
	50.	Types of Solid waste - excreta, sediments
	51.	Types of Solid waste - excreta, sediments

18 <sup>TH</sup>	52.	E-waste Effect of Solid waste
	53.	E-waste Effect of Solid waste
	54.	Disposal of Solid Waste- Solid Waste Management
19 <sup>TH</sup>	55.	Disposal of Solid Waste- Solid Waste Management
	56.	Introduction of Noise pollution
	57.	Source of noise pollution,
20 <sup>TH</sup>	58.	Source of noise pollution,
	59.	Unit of noise
	60.	Unit of noise
21 <sup>TH</sup>	61.	Effect of noise pollution
	62.	Effect of noise pollution
	63.	Acceptable noise level,
22 <sup>TH</sup>	64.	Acceptable noise level,
	65.	Different method of minimize noise pollution.
	66.	Different method of minimize noise pollution.
23 <sup>TH</sup>	67.	Different method of minimize noise pollution.
	68.	Introduction of Environmental Legislation
	69.	Introduction to Water (Prevention and Control of Pollution) Act 1974
24 <sup>TH</sup>	70.	Introduction to Water (Prevention and Control of Pollution) Act 1974
	71.	Act 1981 and Environmental Protection Act 1986,
	72.	Act 1981 and Environmental Protection Act 1986,
25 <sup>TH</sup>	73.	Act 1981 and Environmental Protection Act 1986,
	74.	Role and Function of State Pollution Control Board and National Green Tribunal (NGT),
	75.	Role and Function of State Pollution Control Board and National Green Tribunal (NGT),
26 <sup>TH</sup>	76.	Role and Function of State Pollution Control Board and National Green Tribunal (NGT),
	77.	Role and Function of State Pollution Control Board and National Green Tribunal (NGT),

	78.	Environmental Impact Assessment (EIA).
27 <sup>TH</sup>	79.	Environmental Impact Assessment (EIA).
	80.	Environmental Impact Assessment (EIA).
	81.	Environmental Impact Assessment (EIA).
28 <sup>TH</sup>	82.	Introduction of Impact of Energy Usage on Environment
	83.	Global Warming
	84.	Global Warming
29 <sup>TH</sup>	85.	Green House Effect
	86.	Green House Effect
	87.	Green House Effect
30 <sup>TH</sup>	88.	Depletion of Ozone Layer
	89.	Depletion of Ozone Layer
	90.	Acid Rain
31 <sup>TH</sup>	91.	Eco-friendly Material
	92.	Eco-friendly Material
	93.	Recycling of Material
32 <sup>TH</sup>	94.	Recycling of Material
	95.	Concept of Green Buildings
	96.	Concept of Green Buildings