LESSON PLAN

NAME OF THE FACULTY : **Miss Binny Gaba**
DISIPLINE : Mechanical Engg.
YEAR : 1st YEAR
SUBJECT : **ENVIRONMENTAL STUDIES**
LESSION PLAN DURATION : 32 WEEKS
WORK LOAD PER WEEK : 02(T) + 01(P) = 3

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

9TH	25.	Source of water pollution.
	26.	Effect of water pollution on human health
	27.	Effect of water pollution on human health
10TH	28.	Concept of dissolved O_2,
	29.	BOD
	30.	COD.
11TH	31.	Prevention of water pollution- Water treatment processes,
	32.	Prevention of water pollution- Water treatment processes,
	33.	Sewage treatment.
12TH	34.	Sewage treatment.
	35.	Water quality standard
	36.	SESSIONAL TEST - 2
13TH	37.	Introduction of Soil Pollution
	38.	Introduction of soil pollution
	39.	Sources of soil pollution
14TH	40.	Types of Solid waste- House hold,
	41.	Types of Solid waste- House hold,
	42.	Types of Solid waste- Hospital,
15TH	43.	Types of Solid waste- Hospital,
	44.	Types of Solid waste - Agriculture,
	45.	Types of Solid waste - Agriculture,
16TH	46.	Types of Solid waste - Biomedical,
	47.	Types of Solid waste - Biomedical,
	48.	Types of Solid waste - Animal and human,
17TH	49.	Types of Solid waste - Animal and human,
	50.	Types of Solid waste - excreta, sediments
	51.	Types of Solid waste - excreta, sediments

18TH	52.	E-waste Effect of Solid waste
	53.	E-waste Effect of Solid waste
	54.	Disposal of Solid Waste- Solid Waste Management
19TH	55.	Disposal of Solid Waste- Solid Waste Management
	56.	Introduction of Noise pollution
	57.	Source of noise pollution,
20TH	58.	Source of noise pollution,
	59.	Unit of noise
	60.	Unit of noise
21TH	61.	Effect of noise pollution
	62.	Effect of noise pollution
	63.	Acceptable noise level,
22TH	64.	Acceptable noise level,
	65.	Different method of minimize noise pollution.
	66.	Different method of minimize noise pollution.
23TH	67.	Different method of minimize noise pollution.
	68.	Introduction of Environmental Legislation
	69.	Introduction to Water (Prevention and Control of Pollution) Act 1974
24TH	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,
25TH	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),
26TH	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).
27TH	79.	Environmental Impact Assessment (EIA).
	80.	Environmental Impact Assessment (EIA).
	81.	Environmental Impact Assessment (EIA).
28TH	82.	Introduction of Impact of Energy Usage on Environment
	83.	Global Warming
	84.	Global Warming
29TH	85.	Green House Effect
	86.	Green House Effect
	87.	Green House Effect
30TH	88.	Depletion of Ozone Layer
	89.	Depletion of Ozone Layer
	90.	Acid Rain
31TH	91.	Eco-friendly Material
	92.	Eco-friendly Material
	93.	Recycling of Material
32TH	94.	Recycling of Material
	95.	Concept of Green Buildings
	96.	Concept of Green Buildings