

Name of faculty - Ms Sheetal		
Subject - Environmental studies and disaster management		
1st and 2nd semester		
Lesson plan duration- 16weeks		
work load (Theory) per week - 02 hours		
Week	Lecture day	Theory(Topic, assignments and tests
1st	1	Unit1-Basic of Ecology, ecosystem and sustainable development
	2	Sources of energy (advantages and disadvantages)
2nd	3	Rain water harvesting,deforestation - effects and control measures.
	4	Unit 2-Air pollution- sources ,effect of air pollution on human health and economy
3rd	5	Assignment 1
	6	Noise polluton- sources ,unit, effect of noise pollution
4th	7	Acceptable noise level and different methods of minimizing noise pollution
	8	Test of unit 1& 2
5th	9	1st sessional test
	10	Unit-3Water Pollutiion(causes, sources and effect on human health
6th	11	Concept of DO,BOD, COD and prevention of water pollution (Water and sewage treatment)
	12	Water quality standards .Soil pollution sources, effect and control.
7th	13	Types of solid wastes(household , Industrial,agricultural ,biomedical)and its disposal
	14	Solid waste management and E-waste management
8th	15	Unit -4 Global warming and green house effect
	16	Ozone depletion, acid rain
9th	17	Ecofriendly material and recycling of materials
	18	Green building,carbon footprint and carbon credit concept
10th	19	Assignment 2
	20	2nd sessional test
11th	21	Unit -5 Natural disasters - flood, cyclone, earthquakes and landslides
	22	Fire ,industrial pollution, nuclear diaster , biological disaster

12th	23	Accidents, structural failures, war and terrorism
	24	Disaster preparedness plan and safety measures
13th	25	Psychological response and management (trauma, stress, rumour and panic)
	26	3rd sessional test
14th	27	Test of unit 1
	28	Test of unit 2
15th	29	Test of unit 3
	30	Test of unit 4
16th	31	Test of unit 5
	32	Full syllabus revision