

NAME OF FACULTY :- MS. RAJNI
 DICIPLINE :- Civil Engg.
 SEMESTER :- 6th
 SUBJECT :- ENV. ENGG.
 LESSON PLAN DURATION :- FROM JAN, 2018 to APRIL, 2018
 WORK LOAD PER WEEK :- 3 lecture/week

THEORY		
Week	Lecture Day	Topic
		Assignment/Test
1st	1	Study of Importance of Environmental Engineering
	2	Importance of clean environment, control of environmental pollution with respect to air, land and water
	3	Conservation of natural resources, environmental education and awareness, sustainable development.
2nd	4	Definition and understanding of environment and ecology concept
	5	Definition and understanding of environment and ecology concept
	6	types of ecosystems, energy flow in an ecosystem,
3rd	7	food chain, ecological pyramids, consortium and ecological balance
	8	food chain, ecological pyramids, consortium and ecological balance
	9	Causes of pollution in surface and underground water eutrophication of lakes
4th	10	Causes of pollution in surface and underground water eutrophication of lakes
	11	preventing measure; BIS standards for water quality.
	12	Test of unit 1 to 3
	13	Definition, principal air pollutants
5th	14	parameters influencing air pollution, types of air contaminants and their sources
	15	parameters influencing air pollution, types of air contaminants and their sources
	16	effects of air pollution on human beings, plants, animals
6th	17	effects of air pollution on human beings, plants, animals
	18	automobile pollution,
	19	BIS ambient air quality standards and measures to combat air pollution
7th	20	Definition, unit of measurement of noise
	21	sources and effects of noise pollution and control of noise pollution
	22	sources and effects of noise pollution and control of noise pollution
8th	23	Effects of mining, blasting and deforestation
	24	Ill effects of mining, blasting and deforestation on the environment human life and wild life.
	25	Ill effects of mining, blasting and deforestation on the environment human life and wild life.
9th	26	Effect of land use on environmental quality
	27	Effect of land use on environmental quality
	28	land use and natural disasters,(land slides etc) soil degradation problems
10th	29	land use and natural disasters,(land slides etc) soil degradation problems
	30	erosion, water logging, soil pollution
	31	erosion, water logging, soil pollution
	32	Test of unit 4,5,6,7
11th	33	Definition and requirements, environmental impact assessment
	34	Definition and requirements, environmental impact assessment
	35	Flour chart of environmental impact assessment methodology
12th	36	Flour chart of environmental impact assessment methodology
	37	Describe the need and importance of EIA
	38	Describe the need and importance of EIA
13th	39	Legislation to Control Environmental Pollution
	40	Indian legislative acts for water, land and air pollution control – provisions, scope and implementation
	41	Indian legislative acts for water, land and air pollution control – provisions, scope and implementation
14th	42	Global warming, ozone depletion, acid rain
	43	oil pollution; radiation hazards and their control
	44	oil pollution; radiation hazards and their control
15th	45	concept of clean technology and carbon credits.
	46	Role of non-conventional sources of energy (biogas, solar, wind)
	47	Role of non-conventional sources of energy (biogas, solar, wind)
16th	48	Conservation of energy resources like coal, oil etc., alternative fuels, bio-diesel
	49	Conservation of energy resources like coal, oil etc., alternative fuels, bio-diesel
	50	Test of unit 8,9,10,11

TEACHER

HOD

PRINCIPAL