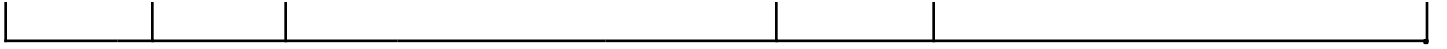


## LESSON PLAN

Name of the Faculty : Mrs. Neelam Rani  
 Discipline : Computer Engg.  
 Semester : 1<sup>st</sup>  
 Subject : ENVIRONMENT STUDIES  
 Lesson plan duration : 35 weeks (from JULY, 2018 to APRIL, 2019)

Week	Theory		Practical	
	Lecture Day	Topic (including assignments /tests)	Practical Day	Topic
Week 1 <sup>st</sup>	1 <sup>st</sup>	Basics of ecology	1 <sup>st</sup>	Determination of pH of drinking water
	2 <sup>nd</sup>	Concept of ecosystem in detail		
Week 2 <sup>nd</sup>	1 <sup>st</sup>	Sustainable development concept	2 <sup>nd</sup>	Determination of pH of drinking water
	2 <sup>nd</sup>	Renewable resources in detail		
3 <sup>rd</sup>	1 <sup>st</sup>	Non Renewable resources in detail	3 <sup>rd</sup>	Determination of TDS in drinking water
	2 <sup>rd</sup>	<b>class</b> test of chapter 1st		
4 <sup>th</sup>	1 <sup>st</sup>	Concept of air pollution and its effects	4 <sup>st</sup>	Determination of TDS in drinking water
	2 <sup>nd</sup>	Source of air pollution in details		
5 <sup>th</sup>	1 <sup>st</sup>	Effect of air pollution on human health, economy,	5 <sup>th</sup>	Determination of TSS in drinking water
	2 <sup>nd</sup>	Effect of air pollution on plant and animals		
6 <sup>th</sup>	1 <sup>st</sup>	Air pollution control methods.	6 <sup>th</sup>	Determination of hardness in drinking water
	2 <sup>nd</sup>	Doubt will be taken		
7 <sup>th</sup>	1 <sup>st</sup>	Class test of chapter 2	7 <sup>th</sup>	Determination of hardness in drinking water
	2 <sup>nd</sup>	Concept of water pollution in details		
Week 8 <sup>th</sup>	1 <sup>st</sup>	Impurities in water, Cause of water pollution	8 <sup>th</sup>	Determination of oil & grease in drinking water



	2nd	Source of water pollution		
Week 9th	1st	Effect of water pollution on human health,	9th	Determination of oil & grease in drinking water
	2nd	Concept of dissolved O <sub>2</sub> , BOD, COD.		
Week 10th	1st	Prevention of water pollution- Water treatment processes,	10th	Determination of alkalinity in drinking water
	2nd	Sewage treatment.		
Week 11th	1st	Water quality standard.	11th	Determination of alkalinity in drinking water
	2nd	Doubt will be taken		
Week 12th	1st	Class test of chapter3	12th	Determination of acidity in drinking water
	2nd	Concept of Soil Pollution		
Week 13th	1st	Sources of soil pollution	13th	Determination of acidity in drinking water
	2nd	Types of Solid waste- House hold,		
Week 14 <sup>th</sup>	1st	Solid waste of Hospital, Agriculture, Biomedical,	14th	Determination of organic/inorganic solid in drinking water
	2nd	Solid waste Animal and human, excreta, sediments and E-waste		
Week 15 <sup>th</sup>	1st	Effect of Solid waste	15th	Determination of organic/inorganic solid in drinking water
	2nd	Disposal of Solid Waste		
Week 16th	1st	Solid Waste Management	16th	Determination of pH of soil
	2nd	Doubt will be taken		
Week 17th	1st	Class test of chapter4	17th	Determination of pH of soil
	2nd	Concept of noise pollution		
Week 18 <sup>th</sup>	1st	Source of noise pollution,	18th	Determination of N&P (Nitrogen & Phosphorus) of soil
	2nd	Unit of noise, Effect of noise pollution		

Week 19th	1 <sup>st</sup>	Acceptable noise level	19th	Determination of N&P (Nitrogen & Phosphorus) of soil
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	2 <sup>nd</sup>	Different method of minimize noise pollution		
Week 20 <sup>th</sup>	1 <sup>st</sup>	Doubt will be taken	20 <sup>th</sup>	To measure the noise level in classroom and industry.
	2 <sup>nd</sup>	Class test of chapter5		
Week 21 <sup>th</sup>	1 <sup>st</sup>	Concept of Environmental Legislation	21 <sup>th</sup>	To measure the noise level in classroom and industry.
	2 <sup>nd</sup>	Introduction to Water (Prevention and Control of Pollution) Act 1974,		
Week 22 <sup>th</sup>	1 <sup>st</sup>	Revision of act 1974	22 <sup>th</sup>	To segregate the various types of solid waste in a locality.
	2 <sup>nd</sup>	Introduction to Air (Prevention and Control of Pollution) Act 1981		
Week 23 <sup>th</sup>	1 <sup>st</sup>	Environmental Protection Act 1986	23 <sup>th</sup>	To segregate the various types of solid waste in a locality.
	2 <sup>nd</sup>	Role and Function of State Pollution Control		
Week 24 <sup>th</sup>	1 <sup>st</sup>	Board and National Green Tribunal (NGT),	24 <sup>th</sup>	To study the waste management plan of different solid waste
	2 <sup>nd</sup>	Environmental Impact Assessment (EIA).		
Week 25 <sup>th</sup>	1 <sup>st</sup>	Doubt will be taken	25 <sup>th</sup>	To study the waste management plan of different solid waste
	2 <sup>nd</sup>	Class test of chapter6		
Week 26 <sup>th</sup>	1 <sup>st</sup>	Revision of chapter 6	26 <sup>th</sup>	To study the effect of melting of floating ice in water due to global warming
	2 <sup>nd</sup>	Impact of Energy Usage on Environment introduction only		
Week 27 <sup>th</sup>	1 <sup>st</sup>	Concept of Global Warming	27 <sup>th</sup>	To study the effect of melting of floating ice in water due to global warming
	2 <sup>nd</sup>	Green House Effect		
Week 28 <sup>th</sup>	1 <sup>st</sup>	Depletion of Ozone Layer	28 <sup>th</sup>	Viva question discussion
	2 <sup>nd</sup>	Acid Rain.		
Week 29 <sup>th</sup>	1 <sup>st</sup>	Eco-friendly Material	29 <sup>th</sup>	Viva question discussion
	2 <sup>nd</sup>	Recycling of Material,		
Week	1 <sup>st</sup>	Concept of Green Buildings	30 <sup>th</sup>	Viva question discussion

30	2nd	Revision of chapter 7 <sup>th</sup>		
		Doubt will be taken		
Week 31th	1st	Doubt will be taken of chapter 1,2	31th	Viva question discussion
	2nd	Doubt will be taken of chapter 2,3		
Week 32th		Doubt will be taken of chapter 3,4	32th	Viva question discussion
		Doubt will be taken of chapter 4,5		
Week 33th		Doubt will be taken of chapter 6,7	33th	Viva question discussion
		Previous year question paper will be solved and doubt will be taken		
Week 34th		Previous year question paper will be solved and doubt will be taken	34th	Viva question discussion
		Previous year question paper will be solved and doubt will be taken		
Week 35th		Previous year question paper will be solved and doubt will be taken	35th	Viva question discussion
		Previous year question paper will be solved and doubt will be taken		