

Name Of the Faculty:- Smt. Archana Sharma, Dr. Surender Kumar

Discipline:- Applied Science (1st Year

Subject:- Environment Studies

Lesson Plan Duration:- 30 weeks(from 18 Oct.,2021 to 30 June 2022)

** Work Load(Lecture/Practical) per week(in hours):-Lectures -02

Week	Theory		Practical	
	Lecture day	Topic (including assignment/test)	Practical Day	Topic
1st	1st	Unit:-1:-Basics of ecology,	1st	1.Determination of ph of Drinking Water-Group-1
	2nd	Eco-system-concept and sustainable development	2nd	1.Determination of ph of Drinking Water-Group-2
2nd	3rd	Resources-Renewable and non Renewable	3rd	2.Determination of TDS of Drinking Water-Group-1
	4th	Resvision	4th	2.Determination of TDS of Drinking Water-Group-2
3rd	5th	Unit:-2 Air Pollution	5th	3.Determination of TSS of Drinking Water-Group-1
	6th	Sources of Air Pollution,	6th	3.Determination of TSS of Drinking Water-Group-2
4th	7th	Effect of Air Pollution on Human Health,	7th	4.Determination of Hardness in Drinking Water-Group-1
	8th	Economy,Plants and Animals	8th	4.Determination of Hardness in Drinking Water-Group-2
5th	9th	Methods of Controlling Air Pollution	9th	Revision of above four practicals,Viva Voce and checking of Practical (Group- 1)
	10th	Methods of Controlling Air Pollution	10th	Revision of above four practicals,Viva Voce and checking of Practical (Group-2)
6th	11th	Revision of above topics	11th	5.Determination of Oil &Grease in Drinking Water-Group-1
	12th	Revision of above topics	12th	5.Determination of Oil & Grease in Drinking Water-Group-2
7th	13th	Revision of above topics	13th	6.Determination of Alkalinity in Drinking Water-Group-1
	14th	Revision of above topics	14th	6.Determination of Alkalinity in Drinking Water-Group-2
8th	15th	Revision of above topics	17th	8.Determination of organic/inorganic solid in Drinking Water-Group-1
	16th	Revision of above topics	18th	8.Determination of organic/inorganic solid in Drinking Water-Group-2
9th	17th	First Sessional	15th	7.Determination of Acidity in Drinking Water-Group-1
	18th	First Sessional	16th	7.Determination of Acidity in Drinking Water-Group-2
10th	19th	Unit3:-Water Pollution:-Impurities in Water,Cause of Water Pollution	19th	Revision of above four practicals,Viva Voce and checking of Practical (Group-I)
	20th	Sources of Water Pollution and its effect on human health	20th	Revision of above four practicals,Viva Voce and checking of Practical (Group-II)
11th	21st	Concept of dissolved O ₂ ,BOD,COD.Prevention of water pollution,Water treatment processes		9.Determination of ph of soil Group-1
	22nd	Sewage Treatment,water quality standard		9.Determination of ph of soil-Group-2
12th	23rd	Unit4:-Soil Pollution:-Sources of Soil Pollution,	23rd	10.Determination of N&P of soil Group-1
	24th	Type of Solid waste-House Hold	24th	10.Determination of N&P of soil-Group-2
13th	25th	From Agriculture,Hospital,Bio Medical,Animal and Human Excreta,Sediments and E waste.	25th	11.To measure the noise level in classroom and industry,-Group-1
	26th	Effect of Solid waste and its disposal(Solid waste management)	26th	11.To measure the noise level in classroom and industry,-Group-2
14th	27th	Revision	27th	12.To segregate the various types of solid waste in a locality.-Group-1
	28th	Revision	28th	12.To segregate the various types of solid waste in a locality.-Group-2
15th	29th	Second Sessional	29th	Second Sessional
	30th	Second Sessional	30th	Second Sessional
16th	31st	Unit 5:-Noise Pollution:-Sources of Noise Pollution,Unit of Noise	31st	13. To study the waste management plan of different solid waste-Group1
	32nd	Effect of Noise Pollution,Acceptable noise level and different methods to minimize noise pollution	32nd	13. To study the waste management plan of different solid waste-Group2
17th	33rd	Unit 6:-Environmental Legislation-Water(prevention and control of pollution)Act 1974	33rd	14.To study the effect of melting of floating ice in water due to global warning.Group-1
	34th	Air(prevention and control of pollution) Act 1981	34th	14.To study the effect of melting of floating ice in water due to global warning.Group-2
18th	35th	Environmental Protection Act 1986,Role and Function of State Pollution control Board and National Green Tribunal	37th	Revision.Group-1
	36th	Environmental Impact Assessment(EIA)	38th	Revision.Group-2
	37th	Unit7:-Impact of Energy Usage on Environment-Global Warming	35th	Revision of above four practicals,Viva Voce and checking of Practical (Group- 1)

Week	Theory		Practical	
	Lecture day	Topic (including assignment/test)	Practical Day	Topic
19th	38th	Impact of Energy Usage on Environment-Green House Effect	36th	Revision of above four practicals,Viva Voce and checking of Practical (Group-2)
20th	39th	Impact of Energy Usage on Environment-Depletion of Ozone layer,Acid Rain	39th	Revision.Group-1
	40th	Eco Friendly Materials,Recycling of Materials	40th	Revision.Group-2
21st	41st	Concept of Green Buildings	41st	Revision.Group-1
	42nd	Revision	42nd	Revision.Group-2
22nd	43rd	Revision	43rd	Revision.Group-1
	44th	Revision	44th	Revision.Group-2
23rd	45th	Revision	45th	Revision.Group-1
	46th	Revision	46th	Revision.Group-2
24th	47th	Revision	47th	Revision.Group-1
	48th	Revision	48th	Revision.Group-2
25th	49th	Revision	49th	Revision.Group-1
	50th	Revision	50th	Revision.Group-2
26th	51st	Revision	51st	Revision.Group-1
	52nd	Revision	52nd	Revision.Group-2
27th	53rd	Revision	53rd	Revision.Group-1
	54th	Revision	54th	Revision.Group-2
28th	55th	Revision	55th	Revision.Group-1
	56th	Revision	56th	Revision.Group-2
29th	57th	Revision	57th	Revision.Group-1
	58th	Revision	58th	Revision.Group-2
30th	59th	Revision	59th	Checking of Prctical and Viva-Voice.Group-1
	60th	Revision	60th	Checking of Prctical and Viva-Voice.Group-2