

Name Of the Faculty:-Mr. Ashish

Discipline:-Applied Science (1st Year)

Subject:-Environment Studies

Lesson Plan Duration:-30 weeks

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

Week	Theory	
	Lecture day	Topic (including assignment/test)
1st	1st	Unit:-1:-Basics of ecology,
	2nd	Eco-system-concept and sustainable development
2nd	3rd	Resources-Renewable and non Renewable
	4th	Resvision
3rd	5th	Unit:-2 Air Pollution
	6th	Sources of Air Pollution,
4th	7th	Effect of Air Pollution on Human Health,
	8th	Economy,Plants and Animals
5th	9th	Methods of Controlling Air Pollution
	10th	Methods of Controlling Air Pollution
6th	11th	Revision of above topics
	12th	Revision of above topics
7th	13th	Revision of above topics
	14th	Revision of above topics
8th	15th	Revision of above topics
	16th	Revision of above topics
9th	17th	First Sessional
	18th	First Sessional
10th	19th	Unit3:-Water Pollution:-Impurities in Water,Cause of Water Pollution
	20th	Sources of Water Pollution and its effect on human health
11th	21st	Concept of dissolved O ₂ ,BOD,COD.Prevention of water pollution,Water treatment processes
	22nd	Sewage Treatment,water quality standard
12th	23rd	Unit4:-Soil Pollution:-Sources of Soil Pollution,
	24th	Type of Solid waste-House Hold
13th	25th	From Agriculture,Hospital,Bio Medical,Animal and Human Excreta,Sediments and E waste.
	26th	Effect of Solid waste and its disposal(Solid waste management)
14th	27th	Revision
	28th	Revision
15th	29th	Second Sessional
	30th	Second Sessional
16th	31st	Unit 5:-Noise Pollution:-Sources of Noise Pollution,Unit of Noise
	32nd	Effect of Noise Pollution,Acceptable noise level and different methods to minimize noise pollution
17th	33rd	Unit 6:-Environmental Legislation-Water(prevention and controlof pollution)Act 1974
	34th	Air(prevention and control of pollution) Act 1981
18th	35th	Environmental Protection Act 1986,Role and Function of State Pollution control Board and National Green Tribunal
	36th	Environmental Impact Assessment(EIA)
	37th	Unit7:-Impact of Energy Usage on Environment-Global Warming

Week	Theory	
	Lecture day	Topic (including assignment/test)
19th	38th	Impact of Energy Usage on Environment-Green House Effect
20th	39th	Impact of Energy Usage on Environment-Depletion of Ozone layer,Acid Rain
	40th	Eco Friendly Materials,Recycling of Materials
21st	41st	Concept of Green Buildings
	42nd	Revision