

Name Of the Faculty:-Ms. Ruby Choudhary

Discipline:-Applied Science

Semester:-IIInd

Subject:-Environment Studies

Lesson Plan Duration:-15 weeks(from January,2018 to April,2018)

** Work Load(Lecture/Practical) per week(in hours):-Lectures -03

Week	Theory	
	Lecture day	Topic (including assignment/ test)
1st	1st	Basics of ecology-Concept, Structure,importance
	2nd	Carbon, Nitrogen cycle.
	3rd	Sulphur cycle, Sustainable development
2nd	4th	Conservation-Land reforms, species
	5th	Advancement of deserts, lowering of water table
	6th	Rain water harventing , acid rain
3rd	7th	Water supply engineering , maintenance of ground water
	8th	Deforestation
	9th	Revision / Test
4th	10th	Pollution sources
	11th	Classification of pollutants
	12th	Causes of pollution
5th	13th	Effect of pollution
	14th	Control of pollution
	15th	Cleaner production technologies
6th	16th	Physical & Chemical treatment of pollutants
	17th	Biological treatment of pollutants

	18th	Photocatalytical degradation of pollutants
7th	19th	Waste minimisation technique, chemical degradation of waste
	20th	Concept of zero discharge
	21st	Revision / Test

Week	Theory	
	Lecture day	Topic (including assignment/ test)
8th	22nd	Solid waste management
	23rd	Classification of refuse material, its sources
	24th	Effect and control of refuse material
9th	25th	E-Waste management
	26th	Environment legislation water act 1974
	27th	Air act 1981
10th	28th	Environment act 1986
	29th	Role and function of state pollution control board
	30th	E I A
11th	31st	Energy conservation act 2001
	32nd	Energy conservation act 2010 and its importance
	33rd	Revision
12th	34th	Energy conservation & management
	35th	Energy efficiency and its need
	36th	Solar and wind energy

13th	37th	Bio and hydro energy
	38th	Global warming , Green house effect
	39th	Ozone layer depletion
14th	40th	Recycling of materials
	41st	Recycling of materials
	42nd	Concept of green buildings
15th	43rd	Revision
	44th	Revision
	45th	Revision