

NAME OF FACULTY: PRACHI NATH	DEPT: LANGUAGES	20 <sup>th</sup> YEAR: 2019-20 SEMESTER I - U.G.	NO OF CLASSES PER WEEK: 2
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**Course title: Environmental Studies**

**Learning objectives:** To sensitise the students to the need to preserve our environment for sustainable future. To protect our ecosystem, biodiversity and natural resources against exploitation. To apply information technology for human welfare.

S. No	Month/Week	Unit	Syllabus	Additional Input/Value Addition	Teaching Method	Student/Learning Activity
1	June / 3	1	Definition, scope and importance of environmental studies	To sensitise the students to the alarming environmental issues	Explanation and discussion	Discussion on environmental issues in students' localities
2	June / 4	1	Definition, scope and importance of environmental studies Structure of Ecosystem Functions of Ecosystem	To appreciate the fine balance of Biotic and Abiotic components in ecosystems	Explanation and Discussion	Presentations
3	July / 1	1	Biodiversity: Definition; Genetic, Species and Ecosystem Biodiversity; Hotspots, Threats and Conservation	PPT on biodiversity & bio-geographical zones of India To apprise the students of India's rich biodiversity	Discussion on various hotspots across the world	Appreciation of the rich biodiversity of the world
4	July / 2	1	Renewable and Non-renewable Resources	To emphasise the need to replace fossil fuels with clean energy	Discussion	Student inputs for alternative sources of energy
5	July / 3	1	Water Conservation, Rain water Harvesting, Watershed Management	Videos on community solutions to conserve water and watershed management	Explanation and discussion	Ideas on how to set up rain water harvesting pits
6	July / 4	2	Causes, Effects and Control Measures of Air Pollution, Water Pollution	PPT with illustrations and statistics on pollution	Discussion	Discussion on harmful effects and measures to curb pollution
7	July / 5 Aug / 1	2	Solid Waste Management	The harmful effects of solid waste	Discussion with illustrations and examples	Discussion on GHMC methods of waste disposal
8	Aug / 2	2	Global Warming and Ozone	Students are sensitised to the cause	Explanation and	Examples and illustrations of

			Layer Depletion	and effects of global warming	discussion	global warming and ozone depletion
9	Aug / 3	2	Ill effects of Fire Works	Students are sensitised to the harmful pollutants and side effects of fireworks	Discussion and examples	Class discussion
10	Aug / 4	2	Disaster Management	PPT on Disaster management, its causes and effects	Explanation	Students learn the role of Govt, NDRF & other agencies in disaster mgnt
11	Aug / 5	2	Environmental Legislation: Wildlife Protection Act, Forest Act, Water Act, Air Act	Governmental laws to protect the environment	Explanation and discussion	Students learn about various legislations to protect the environment
12	Sept / 1	2	Environmental Legislation (contd)			
13	Sept / 2	2	Human Rights, Women and Child Welfare	Awareness of various governmental schemes for women & children	Discussion	Discussion on mistreatment of women & children in different sectors
14	Sept / 3	2	Role of Information Technology in Environment & Human Health	Application of IT as part of community and environmental solutions	Discussion	Students understand different ways IT is used to protect environment & human health
15	Sept / 4		Activities, discussion of question paper pattern			
16	Oct / 1		Revision			

*Prachi*

*Dr. C. Kameswari*