

3rd Civil

BHARAT INSTITUTE OF ENGINEERING & TECHNOLOGY

SIVARAM VIHAR, GHATAKESWAR HILLS
MOHADA, BERHAMPUR (GM.)




STUDENT'S ATTENDANCE REGISTER

Time	09:05	12:25			
Day	09:55	01:15	:		
MON		EVS			
TUES		EVS			
WED	EVS				
SAT		EVS			

Year/ Session	2022-2023
Semester & Branch	3rd & civil
Subject with Code	Environmental Studies (Th.5)
Name of the Faculty Member	Kiran Devi

B.I.E.T.

SYLLABUS COVERAGE

TOPIC	DATE	SIGNATURE OF THE FACULTY	SIGNATURE OF THE H.O.D.
<u>UNIT - 1</u>			
<p><u>The multidisciplinary nature of environmental Studies :-</u></p> <p>Defination</p> <p>Scope and importance</p> <p>Need for public awareness</p>	15.09.22	<u>Jdevi</u>	
	19.09.22	<u>Jdevi</u>	
	20.09.22	<u>Jdevi</u>	
	21.09.22	<u>Jdevi</u>	
<u>UNIT - 2</u>			
<u>Natural Resources</u>			
Renewable and Non-renewable resources			
Natural Resources & Associated Problems.	22.09.22	<u>Jdevi</u>	
Forest Resources - Use and over exploitation, deforestation, Case Studies, Timber extraction mining, dams and their effects on forest and tribal people.	24.09.22	<u>Jdevi</u>	
WATER Resources - Use and over utilization of surface and ground water, floods, droughts, Conflicts over water, dam's benefits and problems.	26.09.22	<u>Jdevi</u>	
Mineral Resources - Use and exploitation, environmental effects of extracting and using mineral resources.	27.09.22	<u>Jdevi</u>	
Food Resources - World food problems, changes caused by agriculture and overgrazing,	28.09.22	<u>Jdevi</u>	 12/9/22

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SYLLABUS COVERAGE

TOPIC	DATE	SIGNATURE OF THE FACULTY	SIGNATURE OF THE H.O.D.
Effect on modern agriculture, fertilizers - pesticides problems, water logging, Salinity	30.09.22	<u>J. Devi</u>	
Energy Resources - Growing energy need, Renewable and Non-Renewable energy sources, Use of alternate energy sources, Case studies.	01.10.22	<u>J. Devi</u>	
Land Resources - Land as a resource, land degradation, man induces landslide, soil-erosion, and desertification.	12.10.22	<u>J. Devi</u>	
Role of individual in conservation of natural resources.	14.10.22	<u>J. Devi</u>	
Equitable use of resources for Sustainable Life Styles.	15.10.22	<u>J. Devi</u>	
<u>UNIT - 3</u>			
<u>Systems</u>			
Concept of an ecosystem. Structure and function of an eco-system.	17.10.22	<u>J. Devi</u>	
Producers, consumers, decomposers.	18.10.22	<u>J. Devi</u>	

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TOPIC	DATE	SIGNATURE OF THE FACULTY	SIGNATURE OF THE H.O.D.
Energy flow in ecosystem	19.10.22	<u>Jdevi</u>	
Ecological Succession.	20.10.22	<u>Jdevi</u>	
Food chain, Food web and Ecological pyramids.	22.10.22	<u>Jdevi</u>	
Introduction, types, characteristic features, structure and function of the following eco-systems.	25.10.22	<u>Jdevi</u>	
Forest ecosystem.	26.10.22	<u>Jdevi</u>	
Aquatic ecosystem (ponds, stream, lakes, Rivers, Oceans, estuaries)	28.10.22	<u>Jdevi</u>	
<u>UNIT - 4</u>			
<u>Biodiversity and its conservation</u>			
Introduction - Definition; genetic	29.10.22	<u>Jdevi</u>	
Species and ecosystem diversity	31.10.22	<u>Jdevi</u>	
Biogeographically classification of India.	01.11.22	<u>Jdevi</u>	
Value of diversity: - Consumptive use, productive use, social ethical, aesthetic and option values.	02.11.22	<u>Jdevi</u>	
	04.11.22	<u>Jdevi</u>	
Biodiversity at global, national and local level	05.11.22	<u>Jdevi</u>	
Threats to diversity: Habitat loss, poaching of wild life, man wild life conflicts.	07.11.22	<u>Jdevi</u>	
	09.11.22	<u>Jdevi</u>	
			<u>Bj</u> 12/19/22

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TOPIC	DATE	SIGNATURE OF THE FACULTY	SIGNATURE OF THE H.O.D.
<u>UNIT- 5</u>			
<u>Environmental pollutions:-</u> Defination causes, effects and Control measures of -	11.11.22	<u>Jedev</u>	
Air pollution	12.11.22	<u>Jedev</u>	
Waterc pollution	14.11.22	<u>Jedev</u>	
Soil pollution	15.11.22	<u>Jedev</u>	
Marine pollution	16.11.22	<u>Jedev</u>	
Noise pollution	18.11.22	<u>Jedev</u>	
Thermal pollution	19.11.22	<u>Jedev</u>	
Nuclear Hazards	21.11.22	<u>Jedev</u>	
<u>Solid waste management:-</u> Causes, effects and control measures of urban and industrial wastes.	22.11.22	<u>Jedev</u>	
	23.11.22	<u>Jedev</u>	
Role of an individual in preventing of pollution.	24.11.22	<u>Jedev</u>	
Disastere Management- Floods, earth quake, cyclone and landslides.	26.11.22	<u>Jedev</u>	

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TOPIC	DATE	SIGNATURE OF THE FACULTY	SIGNATURE OF THE H.O.D.
<u>UNIT - 6</u>			
<u>Social issues and the Environment</u> From unsustainable to Sustainable development.	28.11.22	<u>Jaleel</u>	
Urban problems related to energy.	29.11.22	<u>Jaleel</u>	
Water conservation, rain water harvesting, watershed Management	30.11.22	<u>Jaleel</u>	
Resettlement and rehabilitation of people, its problem and concern.	01.12.22	<u>Jaleel</u>	
Environmental ethics: issue and possible solution.	03.12.22	<u>Jaleel</u>	
Climate change, Global warming	05.12.22	<u>Jaleel</u>	
acid rain, ozone layer depletion, nuclear accidents and holocaust, Case studies.	06.12.22	<u>Jaleel</u>	
Air (prevention and control of pollution) Act.	07.12.22	<u>Jaleel</u>	

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SYLLABUS COVERAGE

TOPIC	DATE	SIGNATURE OF THE FACULTY	SIGNATURE OF THE H.O.D.
Water (prevention and control of pollution) Act.	08.12.22	<u>J. Devi</u>	
Public awareness.	10.12.22	<u>J. Devi</u>	
<u>UNIT - 7</u>			
<u>Human population and the environment :-</u>			
Population growth and variation among nations.	12.12.22	<u>J. Devi</u>	
	13.12.22	<u>J. Devi</u>	
Population explosion - family welfare program.	14.12.22	<u>J. Devi</u>	
	16.12.22	<u>J. Devi</u>	
Environment and human health	17.12.22	<u>J. Devi</u>	
Human rights.			
Value education	19.12.22	<u>J. Devi</u>	
Role of information technology in environment and human-health.	20.12.22	<u>J. Devi</u>	
	21.12.22	<u>J. Devi</u>	

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12/9/22