

**BHUBANANANDA ODISHA SCHOOL OF ENGINEERING, CUTTACK**  
**DEPARTMENT OF INFORMATION TECHNOLOGY**  
**LESSON PLAN**

Discipline: <b>IT</b>	Semester: 3rd	Name of the Teaching Faculty: <i>Bhabo deepika Mohanty</i>
Subject: <b>EVS</b>	No. Of Days/per week class allotted: <b>4 periods per week (Tues, Wed, Fri &amp; Sat-1 period each)</b>	From Date: <b>15-09-2022 TO 22-12-2022</b> No. Of Weeks: <b>15 weeks</b>
<b>WEEK</b>	<b>CLASS DAY</b>	<b>THEORY /PRACTICAL TOPICS</b>
1st	16-09-2022	<b>1. The Multidisciplinary nature of environmental studies:</b> 1.1 Definition, scope and importance.
2nd	20-09-2022	1.2 Need for public awareness.
	21-09-2022	<b>2. Natural Resources:</b>
	23-09-2022	a) Natural resources and associated problems.
	24-09-2022	2.1.1. Forest resources 2.1.2. Water resources
3 <sup>rd</sup>	27-09-2022	2.1.3. Mineral Resources
	28-09-2022	2.1.4. Food Resources
	30-09-2022	2.1.5. Energy Resources
	01-10-2022	2.1.6. Land Resources
4 <sup>th</sup>	11-10-2022	b) Role of individual in conservation of natural resources.
	12-10-2022	c) Equitable use of resources for sustainable life styles.
	14-10-2022	<b>Revision cum Assignment-1</b> <b>3. Systems:</b>
	15-10-2022	3.1. Concept of an eco-system <b>Class Test 1</b> 3.2. Structure and function of an eco-system
5 <sup>th</sup>	18-10-2022	3.3. Producers, consumers, decomposers.
	19-10-2022	3.4. Energy flow in the eco systems
	21-10-2022	3.5. Ecological succession.
	22-10-2022	3.6. Food chains, food webs and ecological pyramids.
6th	25-10-2022	3.7. Introduction, types, characteristic features, structure and function of eco system.
	26-10-2022	3.8. Forest ecosystem.
	28-10-2022	3.9. Aquatic eco systems
	29-10-2022	<b>4. Biodiversity and It's Conservation:</b> 4.1. Introduction-Definition: genetics, species and ecosystem diversity.

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7th	01-11-2022	4.2. Biogeographically classification of India
	02-11-2022	4.3. Value of biodiversity: consumptive use, productive use
	04-11-2022	Social ethical, aesthetic and option values.
	05-11-2022	4.4. Biodiversity at global, national and local level
8th	09-11-2022	4.5. Threats to biodiversity, Habitats loss poaching of wild life, man wildlife conflicts <b>Assignment-2</b>
	11-11-2022	<b>Class Test 2</b>
	12-11-2022	<b>5. Environmental Pollution:</b> 5.1. Definition Causes, effects and control measures of Air pollution
9th	15-11-2022	<b>Internal Test</b>
	18-11-2022	<b>Internal Test</b>
	19-11-2022	Definition Causes, effects and control measures of Water pollution & Soil pollution
10th	22-11-2022	Definition Causes, effects and control measures of Noise pollution & Marine pollution
	23-11-2022	Definition Causes, effects and control measures of Thermal pollution
	25-11-2022	Definition Causes, effects and control measures of Nuclear hazards.
	26-11-2022	5.2. Solid waste Management:
11th	29-11-2022	5.3. Role of an individual in prevention of pollution
	30-11-2022	5.4. Disaster management:
	02-12-2022	<b>6. Social issues and the Environment:</b> 6.1. Form unsustainable to sustainable development.
	03-12-2022	6.2. Urban problems related to energy.
12th	06-12-2022	6.3. Water conservation, rain water harvesting, water shed management.
	07-12-2022	6.4. Resettlement and rehabilitation of people; its problems and concern
	09-12-2022	6.5. Environmental ethics: issue and possible solutions.
	10-12-2022	6.6. Climate change, global warming, acid rain
13th	13-12-2022	ozone layer depletion, nuclear accidents and holocaust, case studies
	14-12-2022	6.7. Air (prevention and control of pollution) Act
	16-12-2022	6.8. Water (prevention and control of pollution) Act.
	17-12-2022	6.9. Public awareness. <b>Revision cum Assignment-3</b>

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14th	20-12-2022	<b>7. Human population and the environment: 7.1.</b> Population growth and variation among nations <b>Class Test 3</b>
	21-12-2022	7.2. Population explosion- family welfare program.
		7.3. Environment and human health.
		7.4. Human rights.
		7.5. Value education
		7.6. Role of information technology in environment and human health.
		Doubt Clearing Class
		<b>REVISION AND PERVIOUS YEAR QUESTION DISCUSSION</b>