

BHUBANANANDA ODISHA SCHOOL OF ENGINEERING, CUTTACK
DEPARTMENT OF CIVIL ENGINEERING



LESSON PLAN

SUBJECT: ENVIRONMENTAL STUDIES (TH 5)

FACULTY: IPSITA THAKUR

ACCADEMIC SESSION: 2023-24

SEMESTER: 3RD

SEC: C

Sd/-

H O D (Civil Engg.)

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Discipline: Civil Engineering	Semester: 3RD		Name of the Teaching faculty: IPSITA THAKUR
Subject: ENVIRONMENTAL STUDIES(TH-05)	No. of Days/ per week class allotted: 04 periods per week. Tue-1, Wed-1, Thu-1, Fri-1		Semester From Date: 01-08-2023 To Date: 30-11-2023 No. of weeks: 17weeks
Week	Date	No of period available	Topics to be covered
1ST	01/08/2023	1	1.1 Introduction & Definition
	04/08/2023	1	1.2 Scope & importance
	04/08/2023	1	1.3 Need for public awareness
2ND	07/08/2023	1	2.1 Natural resources & associated problems
	08/08/2023	1	2.2 Forest Resources
	10/08/2023	1	2.3 Water Resources 2.4 Mineral Resources
	11/08/2023	1	2.5 Food Resources 2.6 Energy Resources
3RD	14/08/2023	1	2.7 Land Resources
	17/08/2023	1	2.8 Role of Individuals in conservation of natural resources. Equitable use of resources for sustainable life style.

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	18/08/2023	1	Question & Answer session
4TH	21/08/2023	1	3.2 Structure and function of Ecosystem
	22/08/2023	1	3.3 Producers , consumers, Decomposers
	24/08/2023	1	3.4 Energy flow in the Ecosystem
	25/09/2023	1	3.5 Ecological Succession
5TH	28/08/2023	1	3.6 Food chain, Food web,& Ecological pyramids
	29/08/2023	1	3.7Introduction.Types, characteristics, features, structures & function of the various ecosystem 3.9 Aquatic Ecosystem
	31/08/2023	1	Question & Answer session
	01/09/2023	1	4.1 Introduction, definition Genetics, species & ecosystem diversity
6TH	04/09/2023	1	4.2 Biogeographically classification of India
	05/09/2023	1	4.3 Value of Bio diversity
	07/09/2023	1	4.4 Biodiversity at global, national & local level
	08/09/2023	1	Monthly Test-1
7TH	11/09/2023	1	4.5 Threats to Biodiversity
	12/09/2023	1	Question & Answer session
	14/09/2023	1	5.1Air pollution
	15/09/2023	1	5.2 Water pollution
8TH	18/09/2023	1	5.3 Soil pollution

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	21/09/2023	1	5.4 Marine Pollution
	22/09/2023	1	5.5 Noise Pollution
9TH	25/09/2023	1	5.5 Noise Pollution
	26/09/2023	1	5.5 Noise Pollution
	29/09/2023	1	5.6 Thermal pollution
10TH	03/10/2025	1	Solid waste management: Causes , effects and control measures of urban and industrial waste
	05/10/2025	1	Role of an Individual in prevention of pollution Disaster management
	06/10/2025	1	Question & Answer session
11TH	09/10/2025	1	6.1 From unsustainable to sustainable development 6.2 Urban problems related to Energy
	10/10/2025	1	Internal Exam
	12/10/2025	1	6.4 Environmental Ethics
	13/10/2025	1	6.5 Climate change, Global warming, Acid rain, Ozone layer Depletion
12TH	16/10/2025	1	6.6 Air Act, 6.7 Water Act
	17/10/2025	1	6.8 Public Awareness

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	19/10/2025	1	Question & Answer session
	20/10/2025	1	7.1 Population Growth & Variation among nations
13 TH	30/10/2025	1	7.2 Population Explosion- family welfare program
	31/10/2025	1	7.3 Environmental & Human Health 7.4 Human rights
	02/11/2025	1	Monthly test-3
	03/11/2025	1	7.5, Value education
14 TH	06/11/2025	1	7.6 Role of information technology in environment and human health
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	09/11/2025	1	7.6 Role of information technology in environment and human health
	10/11/2025	1	Revision
15 TH	13/11/2025	1	Revision
	14/11/2025	1	Revision
	16/11/2025	1	Revision
	17/11/2025	1	Question & Answer session
16 TH	20/11/2025	1	Question & Answer session

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	21/11/2025	1	Question & Answer session
	23/11/2025	1	Question & Answer session
	24/11/2025	1	Question & Answer session
17TH	28/11/2025	1	Question & Answer session
	30/11/2025	1	Question & Answer session