

BHUBANANANDA ODISHA SCHOOL OF ENGINEERING, CUTTACK
DEPARTMENT OF CIVIL ENGINEERING



LESSON PLAN

SUBJECT: ENVIRONMENTAL STUDIES (TH 5)

FACULTY: MISS IPSITA THAKUR

ACADEMIC SESSION: 2024-25

SEMESTER: 3RD

SEC: C

Sd/-

H O D (Civil Engg.)

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Discipline: Civil Engineering	Semester: 3RD A		Name of the Teaching faculty: Suraj Kumar Nayak
Subject: ENVIRONMENTAL STUDIES (TH-05)	No. of Days/ per week class allotted: 04 periods per week. (Mon-1, Tue-1, Thu-1, Fri-1)		Semester From Date: 01-07-2024 To Date: 08-11-2024 No. of weeks: 18 weeks
Week	Date	No of period available	Topics to be covered
1st	01/07/24	01	1.1 Introduction & Definition
	02/07/24	01	1.2 Scope & importance
	04/07/24	01	1.3 Need for public awareness
	05/07/24		2.1 Natural resources & associated problems
2nd	08/07/24	01	2.2 Forest Resources
	09/07/24	01	2.3 Water Resources 2.4 Mineral Resources
	11/07/24	01	2.5 Food Resources
	12/07/24		2.6 Energy Resources
3rd	15/07/24	01	2.7 Land Resources
	16/07/24	01	2.8 Role of Individuals in conservation of natural resources. Equitable use of resources for sustainable life style.
	18/07/24	01	3.1 Concept of Ecosystem
	19/07/24	01	3.1 Concept of Ecosystem
4TH	22/07/24	01	3.2 Structure and function of Ecosystem
	23/07/24	01	3.3 Producers , consumers, Decomposers 3.4 Energy flow in the Ecosystem
	25/07/24	01	

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	26/07/24	01	3.5 Ecological Succession
5TH	29/07/24	01	3.6 Food chain, Food web,& Ecological pyramids
	30/07/24	01	3.7Introduction.Types, characteristics, features, structures & function of the various ecosystem
	01/08/24	01	3.7Introduction.Types, characteristics, features, structures & function of the various ecosystem
	02/08/24	01	3.8 Forest ecosystem
6TH	05/08/24	01	3.9 Aquatic Ecosystem
	06/08/24	01	Question & Answer session
	08/08/24	01	4.1 Introduction, definition Genetics, species & ecosystem diversity
	09/08/24	01	4.1 Introduction, definition Genetics, species & ecosystem diversity
7TH	12/08/24	01	4.2 Biogeographically classification of India
	13/08/24	01	4.3. Value of biodiversity: consumptive use, social, ethical, asthetic and optin value
	16/08/24		4.3. Value of biodiversity: consumptive use, social, ethical, asthetic and optin value
8TH	20/08/24	01	4.5 Biodiversity at global, national, and local level
	22/08/24	01	4.6 Threats to biodiversity: habitat loss, poaching of wild life man wildlife conflict
	23/08/24		5.1 Air pollution
9TH	27/08/24		5.2 Water pollution
	29/08/24	01	5.3 Soil pollution
	30/08/24	01	5.4 Marine pollution
10TH	02/09/24	01	CLASS TEST 1
	03/09/24		5.5 Noise Pollution

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	05/09/24	01	5.6 Thermal pollution
	06/09/24	01	5.7 Nuclear hazard
11TH	09/09/24	01	Solid waste management: Causes, effects.
	10/09/24	01	control measures of urban and industrial waste
	12/09/24	01	INTERNAL ASSESSMENT
	13/09/24	01	INTERNAL ASSESSMENT
12TH	17/09/24	01	Role of an Individual in prevention of pollution
	19/09/24	01	Disaster management
	20/09/24	01	6.1 From unsustainable to sustainable development
13TH	23/09/24	01	6.2 Urban problems related to Energy
	24/09/24	01	6.3 Water Conservation, Rain water harvesting, water shed management
	26/09/24	01	6.4 Environmental Ethics
	27/09/24	01	6.5 Climate change, Global warming, Acid rain, Ozone layer Depletion
14TH	30/09/24	01	6.5 Climate change, Global warming, Acid rain, Ozone layer Depletion
	01/10/24	01	6.6 Air Act,
	03/10/24	01	6.7 Water Act
	04/10/24	01	6.8 Public Awareness
15TH	14/10/24	01	7.1 Population Growth & Variation among nations
	15/10/24	01	7.1 Population Growth & Variation among nations
	17/10/24	01	7.2 Population Explosion- family welfare program
	18/10/24	01	7.3 Environmental & Human Health
16TH	21/10/24	01	7.4 Human rights
	22/10/24	01	7.5, Value education
	24/10/24	01	7.6 Role of information technology in environment and human health
	25/10/24	01	Monthly Class Test-2
17TH	28/10/24	01	Revision
	29/10/24	01	Revision
	01/11/24	01	Revision

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18TH	04/11/24	01	Previous year question answer discussion
	05/11/24	01	Previous year question answer discussion
	07/11/24	01	Previous year question answer discussion
	08/11/24	01	Previous year question answer discussion