

BHUBANANANDA ODISHA SCHOOL OF ENGINEERING, CUTTACK
DEPARTMENT OF CIVIL ENGINEERING



LESSON PLAN

SUBJECT: ENVIRONMENTAL STUDIES (TH 5)

FACULTY: MISS SHUBHASHREE MAHARANA

ACADEMIC SESSION: 2024-25

SEMESTER: 3RD

SEC: B

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. ,Tue-1,Wed-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	02/07/24	01	1.1 Introduction & Definition
	03/07/24	01	1.2 Scope & importance
	04/07/24	01	1.3 Need for public awareness
	05/07/24		2.1 Natrual resources & associated problems
2nd	09/07/24	01	2.2 Forest Resources
	10/07/24	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	16/07/24	01	2.7 Land Resources
	18/07/24	01	2.8 Role of Individuals in conservation of natural resources. Equitable use of resources for sustainable life style.
	19/07/24		3.1 Conept of Ecosystem
4TH	24/07/24	01	3.2 Structure and function of Ecosystem
	27/07/24	01	3.3 Producers , consumers, Decomposers 3.4 Energy flow in the Ecosystem
5TH	31/07/24	01	3.5 Ecological Succession

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	03/08/24	01	3.6 Food chain, Food web,& Ecological pyramids
6th	07/08/24	01	3.7Introduction.Types, characteristics, features, structures & function of the various ecosystem
	10/08/24	01	3.8forest ecosystem
7th	14/08/24	01	3.9 Aquatic Ecosystem Question & Answer session
	17/08/24	01	4.1 Introduction, definition Genetics, species & ecosystem diversity
8TH	21/08/24	01	4.2 Biogeographically classification of India
	22/08/24	01	4.3. Value of biodiversity: consumptive use, social, ethical, asthetic and optin value
	23/08/24		4.3. Value of biodiversity: consumptive use, social, ethical, asthetic and optin value
9TH	27/08/24	01	4.5 Biodiversity at global, national, and local level
	28/08/24	01	4.6 Threats to biodiversity: habitat loss, poaching of wild life man wildlife conflict
	29/08/24		5.1 Air pollution
	30/28/24		5.2 Water pollution
10TH	03/09/24	01	5.3 Soil pollution
	04/09/24	01	5.4 Marine pollution
	05/09/24	01	CLASS TEST I
	06/09/24		5.5 Noise Pollution
11TH	10/09/24	01	5.6 Thermal pollution
	11/09/24	01	5.7 Nuclear hazard
	12/09/24	01	INTERNAL ASSESSMENT
	13/09/24	01	INTERNAL ASSESSMENT
12TH	17/09/24	01	Solid waste management: Causes, effects.
	18/09/24	01	control measures of urban and industrial waste
	19/09/24	01	Role of an Individual in prevention of pollution
	20/09/24	01	Disaster management

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13TH	24/09/24	01	6.1 From unsustainable to sustainable development
	25/09/24	01	6.2 Urban problems related to Energy
	26/09/24	01	6.3 Water Conservation, Rain water harvesting, water shed management
	27/29/24	01	6.4 Environmental Ethics
14TH	03/10/24	01	6.5 Climate change, Global warming, Acid rain, Ozone layer Depletion
	04/10/24	01	6.6 Air Act,
	05/10/24	01	6.7 Water Act
15TH	15/10/24	01	6.8 Public Awareness
	17/10/24	01	7.1 Population Growth & Variation among nations
	18/10/24	01	7.2 Population Explosion- family welfare program
16TH	22/10/24	01	7.3 Environmental & Human Health
	23/10/24	01	7.4 Human rights
	24/10/24	01	7.5, Value education
	25/10/24	01	7.6 Role of information technology in environment and human health
17TH	29/10/24	01	Monthly Class Test-2
	30/10/24	01	Revision
	01/11/24	01	Revision
18TH	05/11/24	01	Revision
	06/11/24	01	Question & Answer session
	07/11/24	01	Question & Answer session
	08/11/24	01	Question & Answer session