

3rd Sem Elect

# BHARAT INSTITUTE OF ENGINEERING & TECHNOLOGY

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



## STUDENT'S ATTENDANCE REGISTER

Time	9:05				
Day	9:55				
MON	✓				
TUE	✓				
WED	✓				
THU	✓				

Year/ Session	2022-2023 (winter), 2nd year
Semester & Branch	3rd sem, Electrical
Subject with Code	Environmental studies
Name of the Faculty Member	Er. Biswajit Gauda

# B.I.E.T.

## SYLLABUS COVERAGE

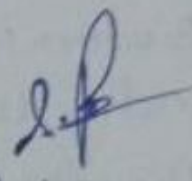
TOPIC	DATE	SIGNATURE OF THE FACULTY	SIGNATURE OF THE H.O.D.
1. <u>THE MULTIDISCIPLINARY NATURE OF ENVIRONMENTAL STUDIES</u>			
→ Definition, scope and importance	15/9/22	Pganda	}
→ Need for public awareness.	19/9/22	Pganda	
→ <u>NATURAL RESOURCES</u>			
Renewable and non-renewable Resources:	20/9/22	Pganda	}
Natural Resources and associated problems.	21/9/22	Pganda	
→ Forest Resources:			
→ Use and over-exploitation,	22/9/22	Pganda	}
→ deforestation, case studies, timber extraction mining, dams and their effects on forest and tribal people.	26/9/22	Pganda	
→ Water Resources: Use and over-utilization of surface and ground water, floods, droughts, conflicts over water, dam benefits and problems	27/9/22	Pganda	}
	28/9/22	Pganda	
→ Mineral Resources: Use and exploitation, environmental	29/9/22	Pganda	}

Verified  
Pradyumn  
12.9.22

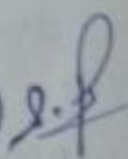
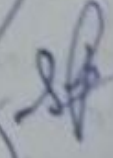
# B.I.E.T. SYLLABUS COVERAGE

TOPIC	DATE	SIGNATURE OF THE FACULTY	SIGNATURE THE H.O.D
effects of extracting and using mineral resources.			
→ Food Resources: world food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizers, pesticides, problems, water logging, salinity.	11/10/22	Pgouda	SP
	12/10/22	Pgouda	
→ Energy Resources: Growing energy need, renewable and non-renewable energy sources, use of alternate energy sources, case studies.	13/10/22	Pgouda	SP
	14/10/22	Pgouda	
→ Land Resources: land as a resource, land degradation, man induces landslides, soil erosion, and desertification.	17/10/22	Pgouda	
→ Role of individual in conservation of natural resources.	18/10/22	Pgouda	SP
→ Equitable use of resources for sustainable life styles.	19/10/22	Pgouda	

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TOPIC	DATE	SIGNATURE OF THE FACULTY	SIGNATURE OF THE H.O.D.
SYSTEMS:-			
→ Concept of an ecosystem.	20/10/22	Bgonda	
→ Structure and function of an ecosystem.	21/10/22	Bgonda	
→ producers, consumers, decomposers.	22/10/22	Bgonda	
→ Energy flow in the ecosystem.	26/10/22	Bgonda	
→ Ecological succession.	27/10/22	Bgonda	
→ Food chains, food webs and ecological pyramids.	28/10/22	Bgonda	
→ Introduction, types, characteristic features, structure and function of the biotic ecosystem.	31/10/22	Bgonda	
→ Forest ecosystem:	1/11/22	Bgonda	
→ Aquatic ecosystems (ponds, streams, lakes, rivers, oceans).	2/11/22	Bgonda	
Biodiversity and its conservation:			
→ Introduction - definition: genetics, species and ecosystem diversity.	3/11/22	Bgonda	
→ Biogeographically classification of India.	7/11/22	Bgonda	

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TOPIC	DATE	SIGNATURE OF THE FACULTY	SIGNATURE THE H.O.D.
→ value of biodiversity: consumption use, productive use, social ethical, aesthetic and option values.	9/11/22	<u>P. Gowda</u>	
→ Biodiversity at global, national and local level.	10/11/22	<u>P. Gowda</u>	
→ Threats to biodiversity: Habitats loss, poaching of wildlife, Man. wildlife conflict.	12/11/22	<u>P. Gowda</u>	
Environmental pollution:	19/11/22	<u>P. Gowda</u>	
→ definition causes, effects and control measures of:	15/11/22	<u>P. Gowda</u>	
→ Air pollution.	16/11/22	<u>P. Gowda</u>	
→ Water pollution.	17/11/22	<u>P. Gowda</u>	
→ Soil pollution.	18/11/22	<u>P. Gowda</u>	
→ Marine pollution.	19/11/22	<u>P. Gowda</u>	
→ Noise pollution.	21/11/22	<u>P. Gowda</u>	
→ Thermal pollution.	22/11/22	<u>P. Gowda</u>	
→ Nuclear hazards.	23/11/22	<u>P. Gowda</u>	
→ Solid waste management: causes, effects and control measures of urban and industrial wastes.	26/11/22	<u>P. Gowda</u>	
	28/11/22	<u>P. Gowda</u>	
	29/11/22	<u>P. Gowda</u>	

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## SYLLABUS COVERAGE

TOPIC	DATE	SIGNATURE OF THE FACULTY	SIGNATURE OF THE H.O.D.
→ Role of an individual in prevention of pollution.	30/11/22	<u>P. Gauda</u>	
→ Disaster Management: Floods, earthquake, cyclone and landslides.	1/12/22	<u>P. Gauda</u>	
Social issues and the Environment:			
→ From unsustainable to sustainable development.	5/12/22	<u>P. Gauda</u>	
→ Urban problems related to energy.	6/12/22	<u>P. Gauda</u>	
→ Water conservation: rain water harvesting, water shed management.	7/12/22	<u>P. Gauda</u>	
→ Resettlement and Rehabilitation of people: its people and concern.	8/12/22	<u>P. Gauda</u>	
→ Environmental ethics: issue and possible solutions.	9/12/22	<u>P. Gauda</u>	
→ climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust, case studies.	10/12/22	<u>P. Gauda</u>	

# B.I.E.T. SYLLABUS COVERAGE

TOPIC	DATE	SIGNATURE OF THE FACULTY	SIGNATURE OF THE H.O.D.
→ Air (prevention and control of pollution) Act.	12/12/22	<u>Bgouda</u>	}
→ Water (prevention and control of pollution) Act.	13/12/22	<u>Bgouda</u>	
→ Public Awareness.	14/12/22	<u>Bgouda</u>	
Human population and the Environment:			
→ population growth and variation among nations.	15/12/22	<u>Bgouda</u>	}
→ population explosion-family welfare program.	16/12/22	<u>Bgouda</u>	
→ Environment and human health.	17/12/22	<u>Bgouda</u>	
→ Human rights.	19/12/22	<u>Bgouda</u>	
→ Value education.	20/12/22	<u>Bgouda</u>	
→ Role of information technology in environment and human health.	21/12/22	<u>Bgouda</u>	
	22/12/22	<u>Bgouda</u>	
	verified by Prof. Jyoti 12.4.22		}