

BHARAT INSTITUTE OF ENGINEERING & TECHNOLOGY

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



STUDENT'S ATTENDANCE REGISTER

Time	9.05	9.55	1.55		
Day	9.55	10.45	2.45		
Mon					
Tue			✓		
Wed					
Thu		✓			
Fri	✓				
Sat			✓		

Year/ Session : 2023 (winter)	Semester from Date: 01/08/2023 To Date : 30/11/2023
Semester & Branch	3 rd sem, Mechanical
Subject with Code	Environmental studies, Th-5
Name of the Faculty Member	Er. Ramkrishna Mohanty
No of Weeks:	No of Days per Week Class Allotted :

B.I.E.T., COURSE PLAN

Month	Week	Class Day	Theory/Practical Topic	
AUG	1 st		<u>UNIT-1</u>	
			The Multidisciplinary Nature of Environmental Studies	
		1/8/23 3/8/23	Definition, scope and Importance	
		2 nd	4/8/23 5/8/23	Need for public Awareness.
			<u>UNIT-2</u>	
		3 rd		Natural Resources
			a.	
			8/8/23	→ Forest Resources.
			10/8/23	→ Water Resources.
			11/8/23	→ Mineral Resources.
	12/8/23	→ Food Resources.		
		17/8/23	→ Energy Resources.	
		18/8/23	→ Land Resources.	

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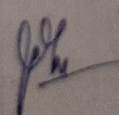
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Signature of the Principal/Course Co-ordinator/HOD:

B.I.E.T., COURSE PLAN

Month	Week	Class Day	Theory/Practical Topic
AS AUG		19/8/23	b. Role of individual in conservation of natural resources.
		22/8/23	
	4th	24/8/23	c. Equitable use of resources for sustainable life style
	25/8/23		
	UNIT-3		
	<u>Systems</u>		
5th		26/8/23	Concept of an ecosystem.
		29/8/23	Structure and function of an eco system.
		31/8/23	Producer, consumers, decomposers.

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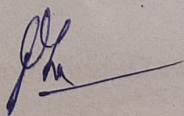


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B.I.E.T., COURSE PLAN

Month	Week	Class Day	Theory/Practical Topic
SEPT	1 st	1/9/23	Energy flow in ecosystem, Ecological Succession.
		2/9/23	Food chain, food web and ecological pyramids.
	2 nd	5/9/23 7/9/23	Introduction, Types, Characteristic feature, structure and function of the following systems. Forest ecosystem.
		8/9/23	Aquatic ecosystem (ponds, streams, lakes, river, oceans, estuaries).

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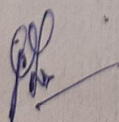


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B.I.E.T., COURSE PLAN

Month	Week	Class Day	Theory/Practical Topic
			UNIT-1 BIO-DIVERSITY and its conservation.
SEPT	3 rd	9/9/23	Introduction - Definition: genetic species, and eco-system diversity
		12/9/23	
		14/9/23	
	4 th	15/9/23	Bio-geographically classification of India
		16/9/23	value of bio-diversity: consumptive use, productive use, social ethical, aesthetic and opt in values
		21/9/23	
		22/9/23	Bio-diversity at global, national and local level.
23/9/23	Threats to bio diversity: Habitats loss, poaching of wild life, man wildlife conflicts.		

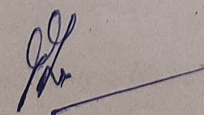
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B.I.E.T., COURSE PLAN

Month	Week	Class Day	Theory/Practical Topic
			UNIT-5 <u>Environmental pollution.</u>
SEPT	5th	26/9/23	Ⓐ Air pollution.
		28/9/23	Ⓑ Water pollution.
		30/9/23	Ⓒ Soil pollution.
		3/10/23	Ⓓ Marine pollution.
		5/10/23	Ⓔ Noise pollution.
OCT	1st	6/10/23	Ⓕ Thermal pollution.
		7/10/23	Ⓖ Nuclear hazards.
		10/10/23 12/10/23	Solid waste management: causes, effects and control measures of urban and industrial waste.
	2nd		

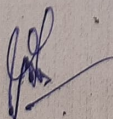
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B.I.E.T., COURSE PLAN

Month	Week	Class Day	Theory/Practical Topic
		13/10/23	Role of an individual in prevention of pollution.
	3 rd	17/10/23	Disaster Management:
		19/10/23	Floods, Earthquake, cyclone and land slides.
OCT			UNIT-6
			Social issues and environment
		31/10/23	→ Urban problems related to energy
		2/11/23	→ water conservation, rainwater
		3/11/23	harvesting, water shed mgmt
NOV	1 st	4/11/23	→ Resettlement and rehabilitation
		7/11/23	of people etc problems and concerns

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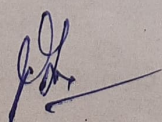


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B.I.E.T., COURSE PLAN

Month	Week	Class Day	Theory/Practical Topic
NOV	2 nd	9/11/23	→ environmental ethics : issue and possible solutions.
		10/11/23	→ climate change, global warming acid rain, ozone layer depletion nuclear accidents and holocaust. case studies.
	3 rd	11/11/23	→ Air (prevention and control of pollution) Act.
		14/11/23	→ water (prevention and control of pollution) Act
		16/11/23	→ public Awareness.

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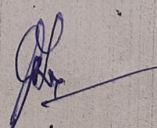
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B.I.E.T., COURSE PLAN

Month	Week	Class Day	Theory/Practical Topic
			UNIT-7 Human population and the Environment <hr style="border: 1px dashed black;"/>
NOV	3 rd	17/11/23	→ population growth and variation among nations
		18/11/23	
	4 th	22/11/23	→ population explosion & family welfare program.
		23/11/23	
		24/11/23	
	5 th	25/11/23	→ Human Rights.
		28/11/23	→ value education.
30/11/23		→ Role of information technology in environment and human health	

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