

BHARAT INSTITUTE OF ENGINEERING & TECHNOLOGY

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



STUDENT'S ATTENDANCE REGISTER

Time	Day				
		9:05 to 9:55			
Mon	<input checked="" type="checkbox"/>				
Tue	<input checked="" type="checkbox"/>				
Wed	<input checked="" type="checkbox"/>				
Thu	<input checked="" type="checkbox"/>				
Fri	<input type="checkbox"/>				
Sat	<input type="checkbox"/>				

Year/ Session : 2023 (winter)	Semester from Date: 01/08/2023 To Date : 30/11/2023
Semester & Branch	3rd Sem. Electrical
Subject with Code	Environmental Studies
Name of the Faculty Member	Ex. Bijuwanjit Gouda
No of Weeks:	No of Class Allotted/Week : 4

B.I.E.T., COURSE PLAN

Month	Week	Class Day	Theory/Practical Topic
August	2nd week	1/08/23	1. <u>The Multidisciplinary Nature of Environmental Studies:</u>
		2/08/23	1.1 Definition, scope and importance
		3/08/23	1.2 Need for public awareness.
		4/08/23	2. <u>Natural Resources:</u>
		05/08/23	<u>Renewable and non-renewable resources:</u>
	3rd week	09/08/23	2.1. <u>Natural Resources and associated problems.</u>
		12/08/23	2.1.1. <u>Forest resources:</u> Use and overexploitation, deforestation, case studies, timber extraction, mining, dams and their effects on forests and tribal people.
			2.1.2. <u>Water resources:</u> Use and overutilization of surface and ground water, floods, drought, conflicts over water, dams benefits and problems.
		14/08/23	2.1.3. <u>Mineral Resources:</u> Use and exploitation, environmental effects of extracting and using mineral resources.
		16/08/23	2.1.4. <u>Food Resources:</u> world food problem, changes caused by agriculture and overgrazing,
	17/08/23		

Signature of the Faculty: *[Signature]*

Seen
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20.7.23

Signature of the Principal/Course Co-ordinator/HOD: *[Signature]*
20/7/23

B.I.E.T., COURSE PLAN

Month	Week	Class Day	Theory/Practical Topic	
August	4th week		effects of Modern agriculture, fertilizers, pesticides, problems, water logging, salinity.	
			2.1.5 Energy Resources.	
		21/08/23	Growing energy need, renewable and non-renewable energy sources, Use of alternate energy sources, case studies.	
			2.1: Land Resources:-	
		22/08/23	Land as a resource, Land degradation, man induces landslides, soil erosion and desertification.	
		23/08/23	2.2 Role of individual in conservation of natural resources	
		24/08/23	2.3 Equitable Use of resources for sustainable life style.	
			3. Systems	
	5th week		28/08/23	3.1 concept of an ecosystem. 3.2 Structure and function of an ecosystem.
			29/08/23	3.3 Producers, consumers, decomposers.
		31/08/23	3.4 Energy flow in the	

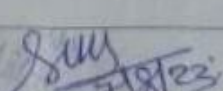
Signature of the Faculty: *P. Gauda*

Signature of the Principal/Course Co-ordinator/HOD: *[Signature]*

B.I.E.T., COURSE PLAN

Month	Week	Class Day	Theory/Practical Topic
September	2nd week	4/09/23	eccosystem, 3.5 ecological succession.
		5/09/23	3.6 Food chains, food webs and ecological pyramids.
		7/09/23	3.7 introduction, types, characteristics features, structure and function of the following ecosystem.
	3rd week	11/09/23	3.8 Forest ecosystem.
		12/09/23	3.9 Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries).
		13/09/23	4. Biodiversity and its conservation
		14/09/23	4.1 introduction definition: genetic species and ecosystem diversity
		18/09/23	4.2 Biogeographically classification of India.
	4th week	21/09/23	4.3 value of biodiversity: consumptive use, productive use, social ethical, aesthetic and option values.
		25/09/23	
	5th week	26/09/23	4.4 Biodiversity at global, national and local level.
		27/09/23	4.5 Threats to biodiversity: Habitats loss, poaching of wildlife, man. wildlife
		28/09/23	conflicts.

Signature of the Faculty:


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

B.I.E.T., COURSE PLAN

Month	Week	Class Day	Theory/Practical Topic	
October	2nd week	03/10/23	5. Environmental pollution: 5.1 Definition, causes, effects and control measures of	
		04/10/23	5.1.1 Air pollution	
	3rd week	05/10/23	5.1.2 Water pollution	
		09/10/23	5.1.3 Soil pollution.	
		10/10/23	5.1.4 Marine pollution.	
		11/10/23	5.1.5 Noise pollution.	
		12/10/23	5.1.6 Thermal pollution.	
	4th week	16/10/23	5.1.7 Nuclear hazards.	
		17/10/23	5.2 Solid waste management: causes, effects and control measures of urban and industrial wastes.	
		18/10/23	5.3 Role of an individual in prevention of pollution.	
		19/10/23	5.4 Disaster management: Floods, earthquake, cyclone and landslides.	
		30/10/23	6. Social issues and the Environment: 6.1 From unsustainable to sustainable development.	
			31/10/23	

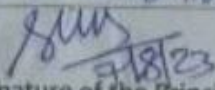
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B.I.E.T., COURSE PLAN

Month	Week	Class Day	Theory/Practical Topic	
November	1st week	1/11/23	6.2 urban problems related to energy.	
		2/11/23	6.3 water conservation, rain water harvesting, water shed management.	
	2nd week	6/11/23	6.4 Resettlement and Rehabilitation of people; its problems and concern.	
		7/11/23	6.5 Environmental ethics: issue and possible solution.	
		8/11/23	6.6 climate change, global warming, acid rain, ozone layer depletion, nuclear accident and holocaust, case studies.	
		9/11/23		
	3rd week	13/11/23	6.7 Air (prevention and control of pollution) Act.	
		14/11/23	6.8 water (prevention and control of pollution) Act.	
		15/11/23	6.9 public awareness.	
				7. Human population and the environment:
	4th week	16/11/23	7.1 population growth and variation among nations.	
		20/11/23	7.2 population explosion, family welfare program.	
		21/11/23	7.3 Environment and human health.	

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B.I.E.T., COURSE PLAN

Month	Week	Class Day	Theory/Practical Topic
November	4th week	22/11/23	7.4 Human rights
		23/11/23	7.5 Value education

Seen
Anand Kumar
29.7.23.

P. Prasad
Signature of the Faculty:

S. Suresh
7/8/23
Signature of the Principal/Course Co-ordinator/HOD: