PADMASHREE KRUTARTHA ACHARYA INSTITUTE OF ENGINEERING & TECHNOLOGY, BARGARH

PROGRESS REGISTER

Session-2021-2022

Discipline: CSE, METT, MECH-B. Engg. **Semester:** 3rd

Name of the Teaching Faculty: Biswajit Acharya.

Subject: E.S No. of Days/per week class allotted 04

Semester From Date : 01/10/21 To Date : 02/11/21 No. of Weeks : 04

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
4/10/21	Defination of ES	Defination & Scope of ES	What is Env. Its role in Our life	
4/10/21	Scope of ES	Importance & need of Env.S	Multidisciplinary Study.	
5/10/21	Importance of ES	Public awarness about Env-Stud.	Social media, news paper. TV. Rally etc	
8/10/21	Need of public awareness	Class Assignment	Assignment check	
9/10/21	Renewable and non-Renewable Energy resources	Natural Resource	Renewable and non-Renewable	
22/10/21	Associated Problems of natural resources	Problems of natural resource Exploitation	Over Exploitation and its consequence	
23/10/21	Forest resource	Aforestation & deforestation	Forest produce cause of control deforestation	
25/10/21	Water resource	Water Resource its uses and conseve	Multiple Dam Projects its pros & cons	
26/10/21	Mineral Resource	Availability of mineral resources	Mines Excavation & its repercussion	
1/11/21	Food resource	Food & Land Resource.	Availability & Shortage of food, land degradation	
2/11/21	Energy resource	Renewable non-renewable Energy	Need of Energy and its Sources	

Subject: Env. Studies No. of Days/per week class allotted 04

Semester From Date : 03/11/21 To Date : 30/11/21 No. of Weeks : 03

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
3/11/21	Equitable use of NR for sustainable life	Suitable use and sustained life	Sustainable Development	
6/11/21	Conservation of n. resources.	Conservation of n/resources	Methods for conservation of n/r	
8/11/21	Structure & function of - ecosystem.	Defination of ecosystem.	structure of ecosystem.	
9/11/21	producers, consu- -mers and decomposers.	Produce, cosumers & Decoposers.	Trees, plants, to animals.	
12/11/21	Energy flow in the ecosystem.	Energy flow & food chain	10% Rule, grazing & detri turns food chain	
13/11/21	Ecological Suecesion	Eco-suece- -sion	Eco-Suecesion	
16/11/21	food chain, food web and ecologi- -cal Pyramid.	Pyramid of energy, bio- mass & number.	Pyramid of energy, Bio mass & numbers.	
22/11/21	Types & characteri- -stics features of ecosystem.	characterishis of ecosystem.	characterishis of ecosystem.	
23/11/21	Forest ecosystem	forest ecosy- -stem & its types.	Producers to Carnivorus	
26/11/21	Aquatic ecosystem	Pond, river. murine systu.	plamcton to carge fish	
30/11/21	Defination of Biodiversity	Meaning of Biodiversity	Examples of Biodiversity	

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Semester From Date : 03/12/20 To Date : 18/12/21 No. of Weeks : 03

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
3/12/21	Biogeographized classification of India	geographical diversity India	Deserts, Plains, Mountain eh	
4/12/21	Conservative Production and social values	Social values	Social values	
6/12/21	Ethical, aesthetic Religious values	Ethics and Aesthetic values	Ethics and Aesthetic values	
7/12/21	Biodiversity at global, national and local level	Biodiversity at global and national level	Biodiversity comparison	
10/12/21	Threats to bio-diversity, poaching wild life	Poaching and mid use	Poaching and Env. imbalance	
11/12/21	Loss and habitat, man-wild life Conflicts	Loss and habitat for wild life	Invasion of urban areas by animals	
13/12/21	Destruction of Environmental Pollution	Env. Pollution	Pollutants, contaminants	
14/12/21	Air Pollution	Causes and control A-P	CO_x, NO_x, SO_x their sources	
17/12/21 ①	water Pollution	water Pollution and treatment	Municipal sewage and treatment plants	
17/12/21 E.C ②	Soil Pollution	Soil Pollution	Pesticides, run off	
18/12/21	Marine Pollution	Marine Pollution	Oil spills and other Pollution sources	

Subject: Env studies No. of Days/per week class allotted 04

Semester From Date : 21/12/21 To Date : 11/1/22 No. of Weeks : 03

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
21/12/21	Thermal pollution	causes of thermal pollution	Class assignment	
24/12/21	Nuclear hazonds	Hurnering Nuclear energy	Nuclear disposal	
25/12/21	Solid waste management its cause effects	Solid waste & its type	municipal & industrial waste.	
27/12/21	Control of urban & industrial waste	Control of solid waste	Control of solid waste	
28/12/21	Role of individual in pollution prevention.	pollution prevention measure	Prevention of pollution	
31/12/21	Disaster management	Natural calaming & its control	flood, fires, earth quake, famine, etc.	
3/1/22	Sustainable Development	Sustaine development	Judicial use of Natural Resources.	
4/1/22	urban problem related to Energy	Urbanisation of Energy need	Industrilisation and moderlite style.	
7/1/22	water conservation and its need	need of water conservation	Drinking water issue and availability	
8/1/22	Rain water harvesting & water shed magnet	Roof top water harvesting	water harvesty macanism & procedure	
11/1/22	Enviromental Ethics & issues	Derbt discussion.	doubt discussion.	

Subject: E.S No. of Days/per week class allotted 04

Semester From Date : 18/1/22 To Date : 8/2/22 No. of Weeks : 03

Date	Topics to be covered as per Lesson Plan	Topics actually covered	Points/contents Discussed (in brief)	Signature of Teacher
18/1/22	Climate change and Global Warming	Env. ethics & issues	Env. ethics & issues	
21/1/22	Acid rain and ozone depletain	Acid Rain cause & effects	Reaction of NO_x & SO_x to fall Acid rain	
24/1/22	Prevention and control of Pollution Act	Ozone depletion	Use of CFC, refrigerent Gerosole	
25/1/22	Public awareness and Environmental Pollution	Control of Pollution	Control of Pollution	
28/1/22	Population growth and variations among nations	Population growth	Population growth	
29/1/22	Population ~~explos~~ explosion and related issues	Population explosion	Population explosion	
31/1/22	family welfare Programmes	Revision	Revision	
1/2/22	Environment and human health	Family Welfare Schemes	family welfare schemes	
4/2/22	Human Rights	Environment & ~~health~~ health	Climate Change + human health	
7/2/22	Value Education	Human Rights	Right to education food, Live etc.	
8/2/22	Role of information tech. in Env. Studies	Information tech. use in env. protection	Information tech use in env. Protection	