

LESSON PLAN.

3RD SEMESTER W.E.F-19/9/2022 Total Period :- 60

SUBJECT-ENVIRONMENTAL STUDIES (Sub code-BST 501) Theory periods: 4 P/WEAKLY

Teacher :- ABHOY MOHANTA (PTGF, MECHANICAL ENGINEERING DEPT.)

| SL NO | MON TH | We ek | Date | UNIT NO/P ERIO D ALLO TED | Topic to be covered as per Syllabus | Topic actually covered as per Syllabus | Short fall if any/sylla bus | remarks |
|-------|------------|------------|--|--|---|--|-----------------------------|---------|
| 1 | SEPT | 4TH | 19/09/2022 | 4 | Unit 1: The Multidisciplinary nature of environmental studies | Covered | Nil | |
| 2 | | | 21/09/2022 | | Definition, scope and importance, Need for public awareness | Covered | Nil | |
| 3 | | | 22/09/2022 | | Definition, scope and importance, Need for public awareness | Covered | Nil | |
| 4 | | | 24/09/2022 | | Definition, scope and importance, Need for public awareness | Covered | Nil | |
| 5 | SEPT | 5TH | 26/09/2022 | 10 | Unit 2: Natural Resources Renewable and non renewable resources: a) Natural resources and associated problems. | Covered | Nil | |
| 6 | | | 28/09/2022 | | □ Forest resources: Use and over-exploitation, deforestation, case studies, Timber extraction mining, dams and their effects on forests and tribal people. | Covered | Nil | |
| 7 | | | 29/09/2022 | | Water resources: Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dam's benefits and problems | Covered | Nil | |
| 8 | OCT | 1ST | 1/10/2022 | 8 | Mineral Resources: Use and exploitation, environmental effects of extracting and using mineral resources. | Covered | Nil | |
| 9 | | | 10/10/2022 | | Food Resources: World food problems ,changes caused by agriculture and overgrazing, effectsofmodernagriculture, fertilizerspesticidespro blems, water logging, salinity,. | Covered | Nil | |
| 10 | | 3RD | 12/10/2022 | | Energy Resources: Growing energy need, renewable and nonrenewable energy sources, use of alternate energy sources, case studies. | Covered | Nil | |
| 11 | | | 13/10/2022 | | Land Resources: Land as a resource ,land degradation ,man induces landslides, soil erosion, and desertification. | Covered | Nil | |
| 12 | | | 15/10/2022 | | Role of individual in conservation of natural resources. | Covered | Nil | |
| 13 | | 4TH | 17/10/2022 | | Role of individual in conservation of natural resources. | Covered | Nil | |
| 14 | | | 19/10/2022 | | Equitable use of resources for sustainable lifestyles. | Covered | Nil | |
| 15 | | | 20/10/2022 | | Unit 3: Systems Concept of an ecosystem. | Covered | Nil | |
| 16 | | | 22/10/2022 | | Structure and function of an ecosystem. | Covered | Nil | |
| 17 | | 5TH | 26/10/2022 | | Producers, consumers, decomposers | Covered | Nil | |
| 18 | 27/10/2022 | | Energy flow in the ecosystems. Ecological succession. | Covered | Nil | | | |
| 19 | 29/10/2022 | | Food chains, food web sand ecological pyramids. | Covered | Nil | | | |
| 20 | 6TH | 31/10/2022 | Introduction, types, characteristic features, structure and function of the following ecosystem: | Covered | Nil | | | |
| 21 | 1ST | 1ST | 2/11/2022 | Forest ecosystem: | Covered | Nil | | |
| 22 | | | 3/11/2022 | Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries). | Covered | Nil | | |
| 23 | | | 5/11/2022 | Unit 4: Biodiversity and it's Conservation | Covered | Nil | | |
| 24 | 2ND | 2ND | 7/11/2022 | Introduction-Definition: genetics, species and ecosystem diversity | Covered | Nil | | |
| 25 | | | 9/11/2022 | Biogeographically classification of India. | Covered | Nil | | |
| 26 | | | 10/11/2022 | Value of biodiversity: consumptive use, productive use, social ethical, aesthetic and opt in values. | Covered | Nil | | |

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| 27 | | 12/11/2022 | 8 | Biodiversity at global, national and local level. | Covered | Nil | | |
| 28 | NOV | 3RD | | Threats to biodiversity: Habitats loss, poaching of wild life, man wildlife conflicts. | Covered | Nil | | |
| 29 | | | | 14/11/2022 | Threats to biodiversity: Habitats loss, poaching of wild life, man wildlife conflicts. | Covered | Nil | |
| 30 | | | | 16/11/2022 | Threats to biodiversity: Habitats loss, poaching of wild life, man wildlife conflicts. | Covered | Nil | |
| 31 | | | | 17/11/2022 | Threats to biodiversity: Habitats loss, poaching of wild life, man wildlife conflicts. | Covered | Nil | |
| 32 | | | | 19/11/2022 | Unit 5: Environmental Pollution. Definition Causes, effects and control measures of: | Covered | Nil | |
| 33 | 4TH | 21/11/2022 | | Air pollution. | Covered | Nil | | |
| 34 | | 23/11/2022 | | Air pollution. | Covered | Nil | | |
| 35 | | 24/11/2022 | | Water pollution. | Covered | Nil | | |
| 36 | | 26/11/2022 | | Water pollution. | Covered | Nil | | |
| 37 | 5TH | 28/11/2022 | | Soil pollution | Covered | Nil | | |
| 38 | | 30/11/2022 | 12 | Marine pollution | Covered | Nil | | |
| 39 | 1ST | 1/12/2022 | | Noise pollution. | | | | |
| 40 | | 3/12/2022 | | Thermal pollution | | | | |
| 41 | 2ND | 5/12/2022 | | Nuclear hazards. | | | | |
| 42 | | 7/12/2022 | | Solid waste Management: Causes, effects and control measures of urban and industrial wastes. | | | | |
| 43 | | 8/12/2022 | | Role of an individual in prevention of pollution Disaster management: Floods, earth quake, cyclone and landslides. | | | | |
| 44 | | 10/12/2022 | | Unit 6: Social issues and the Environment | | | | |
| 45 | 3RD | 12/12/2022 | | From unsustainable to sustainable development. Urban problems related to energy. | | | | |
| 46 | | 14/12/2022 | | Water conservation, rain water harvesting, water shed management. | | | | |
| 47 | | 15/12/2022 | | Resettlement and rehabilitation of people; its problems and concern. | | | | |
| 48 | 4TH | 17/12/2022 | 10 | Environmental ethics: issue and possible solutions. | | | | |
| 49 | | 19/12/2022 | | Climate change, global warming, acid rain, ozone layer | | | | |
| 50 | | 21/12/2022 | | depletion, nuclear accidents and holocaust, case studies Air (prevention and control of pollution) Act. | | | | |
| 51 | | 22/12/2022 | | Water (prevention and control of pollution) Act. | | | | |
| 52 | | 24/12/2022 | | Public awareness. | | | | |
| 53 | 5TH | 26/12/2022 | | Public awareness. | | | | |
| 54 | | 28/12/2022 | | Unit 7: Human population and the environment Population growth and variation among nations. | | | | |
| 55 | | 29/12/2022 | | Population explosion-family welfare program. | | | | |
| 56 | JAN | 1ST | 2/1/2023 | 8 | Environment and human health. | | | |
| 57 | | | 4/1/2023 | | Human rights. | | | |
| 58 | | | 5/1/2023 | | Value education | | | |
| 59 | | | 7/1/2023 | | Role of information technology in environment and human health | | | |
| 60 | | 2ND | 9/1/2023 | | Role of information technology in environment and human health | | | |
| 61 | | | 11/1/2023 | | Role of information technology in environment and human health | | | |
| 62 | | | 12/1/2023 | | Revesion | | | |
| 63 | | | 14/1/2023 | | previous question disscution | | | |

Abhoy Mohanta

