

**LESSON PLAN - WINTER 2023**  
**SWAMI VIVEKANANDA SCHOOL OF ENGINEERING & TECHNOLOGY, BBSR**

| DISCIPLINE-<br>SUBJECT-<br>ENVIRONMENTAL<br>STUDIES | SEMESTER- 3RD                           | NAME OF THE FACULTY: Er. A. Nayak   |
|---|---|---|
|   | NO. OF CLASS<br>ALLOTTED/ PER<br>WEEK-5 | SEM. From date: 01.08.2023 to 30.11.2023<br>No. of weeks:19th                 |
| WEEK  | CLASS DAY                               | THEORY TOPIC  |
| 1ST   | 2.08.2023                               | The Multidisciplinary nature of Environmental studies Definition              |
|   | 3.08.2023                               | Definition of Environmental studies   |
|   | 4.08.2023                               | Scope and Importance of Environmental studies                                 |
|   | 7.08.2023                               | Need of Public Awareness about Environmental studies                          |
|   | 8.08.2023                               | DO  |
| 2ND   | 9.08.2023                               | Explain Natural Resources, Renewable and Non- Renewable Resources             |
|   | 10.08.2023                              | Forest Resources: Use and Over- Exploitation, Deforestation, Case             |
|   | 11.08.2023                              | Timber extraction mining, dams and their effects on forests and tribal people |
|   | 14.08.2023                              | Timber extraction mining, dams and their effects on forests and tribal        |
| 3RD   | 15.08.2023                              | Floods, Drought, Conflicts over Water, Dam's Benefits and Problems            |
|   | 16.08.2023                              | DO  |
|   | 17.08.2023                              | Mineral resources: its use and exploitation                                   |
| 4TH   | 18.08.2023                              | Environmental effects of extracting and using of mineral resources            |
|   | 19.08.2023                              | Food Resources : World food Problems  |
|   | 21.08.2023                              | Changes or effects of overgrazing , effects of modern farming                 |
|   | 22.08.2023                              | Problems and advantages of using Fertilizers and pesticides.                  |
| 5TH   | 24.08.2023                              | Energy resources : growing demand energy need                                 |
|   | 25.08.2023                              | Revision Class  |
|   | 26.08.2023                              | <b>Monthly Test</b>   |
| 6TH   | 29.08.2023                              | Renewable and non renewable energy resources                                  |
| 7TH   | 1.09.2023                               | Use of alternate energy resources, case study                                 |
|   | 2.09.2023                               | Role of individual in coservation of natural resources                        |
|   | 4.09.2023                               | Role of individual in coservation of natural resources                        |
|   | 5.09.2023                               | Equitable use of resources for sustainable lifestyles                         |
| 8TH   | 08.09.2023                              | Equitable use of resources for sustainable lifestyles                         |
|   | 12.09.2023                              | Land resources : Land as a resource, land degradation, man induces land       |
|   | 13.09.2023                              | Man induces landslides, soil erosion and desertification                      |
|   | 14.09.2023                              | Soil erosion and desertification  |
| 9TH   | 15.09.2023                              | Ecosystem , structure and function of ecosystem.                              |
|   | 18.09.2023                              | DO  |
|   | 21.09.2023                              | Producers, consumers and decomposers  |
|   | 22.09.2023                              | Energy flow in ecosystem  |
| 10TH  | 23.09.2023                              | Ecological Succession, Food chains  |
|   | 21.09.2023                              | Food web sand ecological pyramids   |
|   | 25.09.2023                              | Forest Ecosystem: Introduction, types, characteristic features and function   |
| 11TH  | 29.09.2023                              | Aquatic Ecosystem: Introduction, types, characteristic features and           |
|   | 3.10.2023                               | Genetics, species and ecosystem diversity                                     |

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| .....     | 5.10.2023  | Genetics, species and ecosystem diversity                                  |
| 12TH      | 9.10.2023  | Value of biodiversity: consumptive use, productive use, social ethical     |
|           | 11.10.2023 | <b>Internal Accessment</b>   |
|           | 13.10.2023 | Value of biodiversity: aesthetic and opt in values                         |
| 13TH      | 17.10.2023 | Biodiversity at global, national and local level                           |
|           | 19.10.2023 | Threats to biodiversity: Habitats loss, poaching of wildlife, man wildlife |
| 14TH      | 28.10.2023 | Threats to biodiversity: Habitats loss, poaching of wildlife, man wildlife |
| 15TH      | 3.11.2023  | Air pollution, Water pollution   |
|           | 6.11.2023  | soil Pollution, marine pollution, Noise pollution                          |
| 16TH      | 8.11.2023  | Thermal pollution, Nuclear hazards   |
|           | 10.11.2023 | Social issues and the environment  |
|           | 14.11.2023 | Urban problems related to energy, water conservation                       |
| 17TH      | 16.11.2023 | Rain water harvesting, Water shed Management                               |
|           | 18.11.2023 | Resettlement and rehabilitation of people, its problem and concern         |
|           | 22.11.2023 | Climate changes , global warming, acid rain, ozone layer depletion         |
| 18TH      | 24.11.2023 | Air (prvention and control of pollution) Act                               |
|           | 25.11.2023 | Water (prvention and control of pollution) Act, Public awareness           |
|           | 27.11.2023 | Human Rights, Value Education  |
| 19TH      | 29.11.2023 | Population explosion - family welfare program                              |
|           | 30.11.2023 | Role of IT in environmental and human health                               |
| HOD SIGN. |            |  |

H.O.D  
**Mechanical Engineering**  
**S V S.E.T., Madanpur**

*[Handwritten Signature]*

**PRINCIPAL**  
 Swami Vivekananda School of Engg. & Tech  
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