

Discipline: Information Technology	Semester : 5th
Subject : Enviromental Studies (TH-5)	No.of Days/per week class allotted :
Month & Week	Class Day
1 st Week 15th Sept-17th Sept	1 st
	2 nd
2 nd Week 19th Sept -24th Sept	1 st
	2 nd
	3 rd
	4 th
3 rd Week 26th Sept-1st Oct	1 st
	2 nd
	3 rd
	4 th
4 th Week 03rd Oct -8th Oct	1 st
	2 nd
	3 rd
	4 th
5 th Week 10th Oct- 15th Oct	1 st
	2 nd
	3 rd
	4 th
6 th Week 17th Oct- 22nd Oct	1 st
	2 nd
	3 rd
	4 th
7 th Week 22th Oct-29th Oct	1 st
	2 nd

	3 rd
8 th Week 31st Oct -5thNov	1 st
	2 nd
	3 rd
	4 th
9 th Week 7th Nov -12th Nov	1 st
	2 nd
	3 rd
	4 th
10 th Week 14th Nov -19th Nov	1 st
	2 nd
	3 rd
	4 th
11 th Week 21st Nov -26th Nov	1 st
	2 nd
	3 rd
	4 th
12 th Week 28th Nov -3rd Dec	1 st
	2 nd
	3 rd
	4 th
13 th Week 5th Dec -10th Dec	1 st
	2 nd
	3 rd
	4 th
14 th Week 12th Dec-17th Dec	1 st
	2 nd
	3 rd

	5
	4 th
15 th Week 19th Dec-22nd Dec	1 st
	2 nd
	3 rd
	4 th

Signature of Faculty

ADEMIC LESSON PLAN 2022 (WINTER)

Name of the Teaching faculty: Archana Tripathy
Semester from date : 15/09/2022 to 22/12/2022
No. of weeks : 15
Theory / Practical Topics to be covered:
The Multidisciplinary nature of environmental studies, Definition, scope and importance, Need for public awareness
Natural Resources, Renewable and non renewable resources: Natural resources and associated problems.
Forest resources: Use and over-exploitation, deforestation, case studies,
Timber extraction mining, dams and their effects on forests and tribal people
Water resources: Use and over-utilization of surface and ground water, floods,
drought, conflicts over water, dam's benefits and problems
Mineral Resources: Use and exploitation, environmental effects of extracting and using mineral resources
Food Resources: World food problems, changes caused by agriculture and over grazing,
Puja Vacation
effects of modern agriculture, fertilizers- pesticides problems, water logging, salinity
Land Resources: Land as a resource, land degradation, man induces landslides, soil erosion, and desertification
Role of individual in conservation of natural resources. Equitable use of resources for sustainable life styles.
Revision CH-1&2
Systems, Concept of an eco system, Structure and function of an eco system.,
Producers, consumers, decomposers.
Energy flow in the eco systems., Ecological succession,
Food chains, food webs and ecological pyramids.
deforestation, case studies,

features, structure and function of the following eco system

Aquatic eco systems (ponds, streams, lakes, rivers, oceans, estuaries).

Revision CH-3

Biodiversity and it's Conservation ,Introduction-Definition: genetics, species and ecosystem diversity.

Biogeographically classification of India,

Value of biodiversit,Consumptive use, productive use, social ethical, aesthetic and option values.

Biodiversity at global, national and local level.

Threats to biodiversity: Habitats loss,

poaching of wild life, man wildlife conflicts.

Revision CH-4

Air pollution.

Water pollution

Soil pollution

Marine pollution,Noise pollution

Thermal pollution,Nuclear hazards

Solid waste Management: Causes, effects and control measures of urban and industrial wastes.

Continuation of control measures of urban and industrial wastes.

Role of an individual in prevention of pollution,

Disaster management:

Floods, earth quake, cyclone and landslides

Revision CH-5

Social issues and the Environment,Form unsustainable to sustainable development.

Urban problems related to energy,Water conservation, rain water harvesting, water shed management.

Resettlement and rehabilitation of people; its problems and concern.

Environmental ethics: issue and possible solutions.

Climate change, global warming,

acid rain, ozone layer depletion,

nuclear accidents and holocaust, case studies.

Air (prevention and control of pollution) Act.,

Water (prevention and control of pollution)

Revision CH-6

Population growth and variation among nations.

Population explosion- family welfare program.,

Environment and human health.
Human right, Value education,
Role of information technology in environment and human health
Revision CH-7
REVISION of all topics with Semester Questions
REVISION of all topics with Semester Questions

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ture of Academic Coordinator