

GOVT. POLYTECHNIC KENDRAPARA

LESSON PLAN

Session(2024-2025)

Discipline: Electronics and Telecommunication Engineering	Semester: 3 rd , Winter/2024	Name of the Teaching Faculty: RABINDRA KUMAR SATAPATHY(GUEST FACULTY)
Subject: EVS Theory: 5	No. of Days/Week Class Allotted -4	Semester From Date: 14.09.2022 to Date: 21.01.2023 No. of Weeks: 15
Week	Class Day	Theory
1st week 1st july to 6th july	1st	Definition, scope and importance.
	2nd	Need for public awareness.
	3rd	Natural resources and associated problems.
	4th	Forest resources: Use and over-exploitation, deforestation, case studies, Timber extraction mining, dams and their effects on forests and tribal people.
2nd week 08th july to 13th july	1st	Water resources: Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dam's benefits and problems
	2nd	Revising the taught portions
	3rd	Doubt clearance
	4th	Mineral Resources: Use and exploitation, environmental effects of extracting and using mineral resources.
3rd week 15th july to 20th july	1st	Food Resources: World food problems, changes caused by agriculture and over grazing, effects of modern agriculture, fertilizers-pesticides problems, water logging, salinity,.
	2nd	Energy Resources: Growing energy need, renewable and non-renewable energy sources, use of alternate energy sources, case studies.
	3rd	Land Resources: Land as a resource, land degradation, man induces landslides, soil erosion, and desertification.
	4th	Role of individual in conservation of natural resources.
4th week 22nd july to 27th july	1st	Equitable use of resources for sustainable life styles.
	2nd	Concept of an eco-system Structure and function of an eco-system.
	3rd	Producers, consumers, decomposers.
	4th	Energy flow in the eco systems, Ecological succession.
5th week 29july to 3rd august	1st	Food chains, food webs and ecological pyramids
	2nd	Introduction, types, characteristic features, structure and function of the following eco system
	3rd	Forest ecosystem
	4th	Aquatic eco systems (ponds, streams, lakes, rivers, oceans, estuaries)
	1st	Introduction-Definition: genetics, species and ecosystem

ISE, social

1st week 2nd Nov to 8th Nov	1st	Value education
	2nd	Role of Information technology in environment and human health.
	3rd	Previous year question discussion
	4th	Revision

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