

**LESSON PLAN-WINTER-2022**  
**SWAMI VIVEKANANDA SCHOOL OF ENGG & TECH, BBSR**

DISCIPLINE- CIVIL	SEMESTER - 3 <sup>RD</sup>	NAME OF TEACHING FACULTY: LOPAMUDRA MOHARANA		
SUBJECT- ENVIRONMENTAL STUDIES	NO. CLASS ALLOTTED/PER WEEK -5	SEM From date- 01/10/2021 to 08/1/2022 No of weeks- 17		
WEEK	CLASS DAY	THEORY TOPIC		
1 <sup>ST</sup>	9/15/2022	<b>The Multidisciplinary Nature of Environmental Studies</b> <b>Definition</b> : Definition of Environmental Studies		
	9/16/2022	Definition of Environmental Studies		
2 <sup>ND</sup>	9/19/2022	Scope and Importance of Environmental Studies		
	9/20/2022	Need for Public Awareness about Environmental Studies		
	9/21/2022	<b>Natural Resources</b> :- Renewable and non renewable		
	9/22/2022	Forest resources: Use and over-exploitation, deforestation, case studies, Timber extraction mining, dams and their		
	9/23/2022	Forest resources: Use and over-exploitation, deforestation, case studies, Timber extraction mining, dams and their		
	9/24/2022	Water resources: Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dam's		
3 <sup>RD</sup>	9/26/2022	Water resources: Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dam's		
	9/27/2022	Mineral Resources: Use and exploitation, environmental effects of extracting and using mineral resources.		
	9/28/2022	Mineral Resources: Use and Exploitation, Environmental Effects of		
	9/29/2022	Food Resources: World food problems, changes caused by		
	9/30/2022	Food Resources: World Food Problems, Changes caused by		
4 <sup>TH</sup>	10/1/2022	Energy Resources: Growing energy need, renewable and		
	10/6/2022	Energy Resources: Growing energy need, renewable and		
	10/7/2022	Land Resources: Land as a resource, land degradation, man		
	10/8/2022	Land Resources: Land as a resource, land degradation, man		
	10/10/2022	Role of individual in conservation of natural resources.		
	10/11/2022	Role of individual in conservation of natural resources.		
5 <sup>TH</sup>	10/12/2022	Equitable use of resources for sustainable life styles		
	10/13/2022	Equitable use of resources for sustainable life styles		
	10/14/2022	<b>Systems</b> : Concept of an eco system.		
	10/15/2022	Structure and function of an eco system.		
	10/17/2022	Producers, consumers, decomposers		
	10/18/2022	Energy flow in the eco systems, Ecological succession		
1 <sup>ST</sup>	10/19/2022	Food chains, food webs and ecological pyramids.		
	10/20/2022	Introduction, types, characteristic features, structure and		
	10/21/2022	Aquatic eco systems (ponds, streams, lakes, rivers, oceans,		
	10/22/2022	<b>Biodiversity and it's Conservation</b> :- Introduction-Definition:		
	10/26/2022	Biogeographically classification of India.		

	10/27/2022	Biogeographically classification of India.		
2ND	10/28/2022	Value of biodiversity: consumptive use, productive use, social ethical, aesthetic and optin values.		
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	10/31/2022	Biodiversity at global, national and local level.		
	11/1/2022	Biodiversity at global, national and local level.		
	11/2/2022	Threats to biodiversity: Habitats loss, poaching of wild life, man wildlife conflicts.		
	11/3/2022	Threats to biodiversity: Habitats loss, poaching of wild life, man wildlife conflicts.		
	3RD	11/4/2022	<b>Environmental Pollution:-</b> Definition Causes, effects and control measures of: Air pollution	
11/5/2022		Definition Causes, effects and control measures of: Water pollution.		
11/7/2022		Definition Causes, effects and control measures of: Soil pollution		
11/8/2022		Definition Causes, effects and control measures of: Marine pollution		
11/9/2022		Definition Causes, effects and control measures of: Noise pollution.		
11/10/2022		Definition Causes, effects and control measures of: Thermal pollution		
4TH	11/11/2022	Definition Causes, effects and control measures of: Nuclear hazards		
	11/12/2022	Solid waste Management: Causes, effects and control measures of urban and industrial wastes.		
	11/14/2022	Solid waste Management: Causes, effects and control measures of urban and industrial wastes.		
	11/15/2022	Solid waste Management: Causes, effects and control measures of urban and industrial wastes.		
	11/16/2022	Role of an individual in prevention of pollution.		
	11/17/2022	Role of an individual in prevention of pollution.		
5TH	11/18/2022	Role of an individual in prevention of pollution.		
	11/19/2022	Disaster management: Floods, earth quake, cyclone and landslides.		
1ST	11/21/2022	Disaster management: Floods, earth quake, cyclone and landslides.		
	11/22/2022	<b>Social issues and the Environment:-</b> Form unsustainable to		
	11/23/2022	Urban problems related to energy.		
	11/24/2022	Water conservation, rain water harvesting, water shed		
2ND	11/25/2022	Resettlement and rehabilitation of people; its problems and		
	11/26/2022	Environmental ethics: issue and possible solutions		
	11/28/2022	Climate change, global warming, acid rain, ozone layer		
	11/29/2022	Climate change, global warming, acid rain, ozone layer		
	11/30/2022	Air (prevention and control of pollution) Act.		
	12/1/2022	Water (prevention and control of pollution) Act.		

3RD	12/2/2022	Water (prevention and control of pollution) Act.		
	12/3/2022	Public awareness.		
	12/5/2022	Public awareness.		
	12/6/2022	<b>Human population and the environment:-</b> Population growth and variation among nations.		
	12/7/2022	Population growth and variation among nations.		
	12/8/2022	Population explosion- family welfare program.		
4TH	12/9/2022	Environment and human health.		
	12/10/2022	Environment and human health.		
	12/12/2022	Human rights.		
	12/13/2022	Human rights.		
	12/14/2022	Value education		
	12/15/2022	Role of information technology in environment and human		
5TH	12/16/2022	REVISION		
	12/17/2022	REVISION		
	12/19/2022	REVISION		
	12/20/2022	REVISION		
	12/21/2022	REVISION		
1ST	12/22/2022	REVISION		

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