

Name of the faculty-Sandhyarani Barik

Branch-Civil engg.

Subject-EVS(3rd B)

	Dates	No. of periods available	Topics to be covered	Topics covered	Shortfall if any	Reasons	Date of makeup of shortfalls	Initials of faculty
2 nd week of September	6/9/2020 to 12/9/2020	4	1. The multidisciplinary nature of environmental studies. 1.1 Definition 1.2 scope and importance 1.3 Need for public awareness.	1. The multidisciplinary nature of environmental studies. 1.1 Definition 1.2 scope and importance 1.3 Need for public awareness.	No			SB
3 rd week of September	13/9/2020 to 19/9/2020	4	2. Natural resources 2.1 Forest resources: Use and over Exploitation, deforestation, case studies, Timber extraction, mining, dams and their effect on forest and tribal people. 2.2 Water resources: Use and over utilization of surface and ground water, floods, drought, conflict over water, dam's benefits and problems. 2.3 Mineral Resources: Use and exploitation, environmental effect of extracting and using mineral resources. 2.4 Food resources: World food problem, Changes caused by agriculture and over grazing, effect of modern agriculture, fertilizer pesticides problems, water logging salinity.	2. Natural resources 2.1 Forest resources: Use and over Exploitation, deforestation, case studies, Timber extraction, mining, dams and their effect on forest and tribal people. 2.2 Water resources: Use and over utilization of surface and ground water, floods, drought, conflict over water, dam's benefits and problems. 2.3 Mineral Resources: Use and exploitation, environmental effect of extracting and using mineral resources. 2.4 Food resources: World food problem, Changes caused by agriculture and over grazing, effect of modern agriculture, fertilizer pesticides problems, water logging salinity.	No			SB
4 th week of September	20/9/2020 to 26/9/2020	4	2.5 Energy resources: Growing energy need, renewable and non renewable energy sources use of alternate energy sources. 2.6 Land resources: Land as resources, land degradation, man induces landslides, soil erosion, and desertification.	2.5 Energy resources: Growing energy need, renewable and non renewable energy sources use of alternate energy sources. 2.6 Land resources: Land as resources, land degradation, man induces landslides, soil erosion, and desertification.	No			SB
5 th week of September	27/9/2020 to 30/9/2020	3	2.7 Role of individuals in conservation of natural resources. 2.8 Equitable use of resources for sustainable life styles. 3. Ecosystem 3.1 Concept of an ecosystem 3.2 Structure and function of an eco system	2.7 Role of individuals in conservation of natural resources. 2.8 Equitable use of resources for sustainable life styles. 3. Ecosystem 3.1 Concept of an ecosystem 3.2 Structure and function of an eco system. 3.3 Producer, consumers, decomposers	No			SB
1 st week of October	1/10/2020 to 3/10/2020	0						
2 nd week of October	4/10/2020 to 10/10/2020	4	3.3 Producer, consumers, decomposers 3.4 Energy flow in ecosystem 3.5 Ecological succession 3.6 Food chain, food webs and ecological pyramid	3.4 Energy flow in ecosystem 3.5 Ecological succession 3.6 Food chain, food webs and ecological pyramid 3.7 Introduction, types characteristics features structure and function of following ecosystem 1. Forest ecosystem 2. Aquatic ecosystem (pond, river, lake, oceans, estuaries)	No			SB
3 rd week of October	11/10/2020 to 17/10/2020	4	3.7 Introduction, types characteristics features structure and function of following ecosystem • Forest ecosystem • Aquatic	Unit-4 Biodiversity and Its conservation 4.1-Introduction-Definiton: genetics, species, and ecosystem diversity.	No			SB

			ecosystem (pond, river, lake, oceans, estuaries)				
			Unit-4 Biodiversity and its conservation 4.1-Introduction-Definiton: genetics, species, and				
4 th week of October	18/10/2020 to 24/10/2020	3	4.1 ecosystem diversity. 4.2 Biogeographically classification of India.	4.1 ecosystem diversity. 4.2 Biogeographically classification of India.	No		82
5 th week of October	25//10/2020 to 31/10/2020	3	4.3 Value of Biodiversity 4.4 Biodiversity at global, national, local level	4.3 Value of Biodiversity 4.4 Biodiversity at global, national, local level	No		82
1 st week of November	1/11/2020 to 7/11/2020	4	4.5 Threats to Biodiversity: Habitat loss, Poaching of wild life, man wildlife conflict. Unit-5: Environmental pollution. 5.1 Air pollution 5.2 Water pollution	4.5 Threats to Biodiversity: Habitat loss, Poaching of wild life, man wildlife conflict. Unit-5: Environmental pollution. 5.1 Air pollution 5.2 Water pollution	No		82
2 nd week of November	8/11/2020 to 14/11/2020	4	5.4 Soil pollution 5.5 Marine pollution 5.6 Thermal pollution 5.7 Nuclear Hazards	5.4 Soil pollution 5.5 Marine pollution 5.6 Thermal pollution 5.7 Nuclear Hazards	No		82
3 rd week of November	15/11/2020 to 21/11/2020	3	5.8 Solid Waste Management 5.9 Role of individuals in prevention of pollution	5.8 Solid Waste Management 5.9 Role of individuals in prevention of pollution	No		82
4 th week of November	22/11/2020 to 28/11/2020	3	5.10 Disaster Management Unit-6:Social issue and Environment: 6.1 From unsustainable to sustainable development 6.2 Urban problems related to energy	5.10 Disaster Management Unit-6:Social issue and Environment: 6.1 From unsustainable to sustainable development 6.2 Urban problems related to energy	No		82
5 th week of November	29/11/2020 to 30/11/2020	0					
1 st week of December	1/12/2020 to 5/12/2020	3	6.3 Water conservation, rain water harvesting, Water shed management 6.4 Resettlement and rehabilitation of people 6.5 Climate change, Global warming, acid rain, Ozone layer depletion, nuclear accidents.	6.3 Water conservation, rain water harvesting, Water shed management 6.4 Resettlement and rehabilitation of people 6.5 Climate change, Global warming, acid rain, Ozone layer depletion, nuclear accidents.	No		82
2 nd week of December	6/12/2020 to 12/12/2020	4	6.6 Air (prevention and control of pollution) Act 6.7 Water(prevention and control of pollution) Act	6.6 Air (prevention and control of pollution) Act 6.7 Water(prevention and control of pollution) Act	No		82
3 rd week of December	13/12/2020 to 19/12/2020	4	6.8 Public Awareness Unit:7 Human population and the environment 7.1 Population growth and variation among nation	6.8 Public Awareness Unit:7 Human population and the environment 7.1 Population growth and variation among nation	No		82
4 th week of December	20/12/2020 to 26/12/2020	3	7.2 Population explosion - Family welfare program 7.3 Environment and human health 7.4 Human rights	7.2 Population explosion - Family welfare program 7.3 Environment and human health 7.4 Human rights	No		82
5 th week of December	27/12/2020 to 31/12/2020	3	7.5 Value education 7.6 Role of information technology in environment and human health	7.5 Value education 7.6 Role of information technology in environment and human health	No		82