



Lesson Plan & Work-done Diary for AY: 2024-25, ODD Semester

Course with Code: Environmental studies-BESK508					Faculty: SHRUTHI H G		Semester & Section: 5	
Module	Class No.	Date planned (DD/MM)	Topics to be covered	TLP Planned	Date of Conduction (DD/MM)	Topics Covered	TLP Executed	Remarks if any deviation
MODULE - 1	1		ECOSYSTEM AND SUSTAINABILITY Ecosystems (Structure and Function): Forest	PPT				
	2		Desert, Wetlands, River	PPT				
	3		Oceanic and Lake	PPT				
	4		Sustainability: 17 SDGs-History	PPT				
	5		Targets, implementation	PPT				
	6		Capacity Development	PPT				
MODULE-2	7		NATURAL RESOURCE MANAGEMENT - Advances in Energy Systems- Merits &Demerits	PPT				
	8		Advances in Energy Systems -Global Status and Applications	PPT				
	9		Hydrogen, Solar, OTEC	PPT				
	10		Tidal and Wind.	PPT				
	11		Natural Resource Management (Concept and case-studies)	PPT				
	12		Disaster Management, Sustainable Mining - case studies and Carbon Trading.	PPT				



MODULE-3	13	Environmental Pollution (Sources, Impacts, Corrective and Preventive measures.	PPT				
	14	Relevant Environmental Acts, Case-studies):	PPT				
	15	Surface and Ground Water Pollution; Noise pollution	PPT				
	16	Soil Pollution and Air Pollution.	PPT				
	17	Waste Management: Bio-medical Wastes	PPT				
	18	Solid waste; Hazardous wastes; E-wastes; Industrial and Municipal Sludge.	PPT				
MODULE - 4	19	Global Environmental Concerns (Concept, policies and case-studies)	PPT				
	20	Ground water depletion/recharging	PPT				
	21	Climate Change; Acid Rain; Ozone Depletion	PPT				
	22	Radon and Fluoride problem in drinking water;	PPT				
	23	Resettlement and rehabilitation of people	PPT				
	24	Environmental Toxicology	PPT				



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MODULE-5	25		Environmental Legislation: Water Act 1974,					
	26		Air Act 1981					
	27		Environmental Protection Act 1984					
	28		Solid Waste Management Rules-2016					
	29		, E- Waste management Rule - 2022					
	30		Biomedical Waste management-2016.					



	Activity	Planned	Actual	Remarks
1	Theory Classes	15		
2	Assignments/Quizzes/ Self study	3		
3	Tutorials/ Extra classes	-		
4	Internal Assessments	3		
5	ICT based Teaching (% of usage in Curriculum)	100		
Planning			Execution	
Faculty Signature:			Faculty Signature:	
HoD Signature:			HoD Signature:	



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