

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

Course with Code: Environmental studies and E-Waste –BESK508					Faculty: NAMITHA.A.P		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		<b>Ecosystems Sustainability:</b> Ecosystem: Structure of Ecosystem, Types: Forest, Desert, Wetlands, Riverine, Oceanic ecosystems.	PPT		<b>Ecosystems Sustainability:</b> Ecosystem: Structure of Ecosystem, Types: Forest, Desert, Wetlands, Riverine, Oceanic ecosystems.	PPT	
	2		Sustainability: 17SDG targets and possible actions.	PPT		Sustainability: 17SDG targets and possible actions.	PPT	
	3		Self-Study Component (SSC): Components of the environment.	PPT		Self-Study Component (SSC): Components of the environment.	PPT	
MODULE-2	4		<b>Environmental Pollution:</b> Environmental Pollution: Water Pollution, Noise pollution, Air pollution (Sources, Impacts, Preventive	PPT		<b>Environmental Pollution:</b> Environmental Pollution: Water Pollution, Noise pollution, Air pollution (Sources, Impacts, Preventive	PPT	
	5		measures and Public Health Aspects.			measures and Public Health Aspects.		
	6		Self-Study Component (SSC): Case studies of air pollution episodes	PPT		Self-Study Component (SSC): Case studies of air pollution episodes	PPT	
MODULE-3	7		<b>Environmental Pollution</b> (Sources, Impacts, Corrective and Preventive measures, Relevant Environmental Acts, Case-studies)	PPT		<b>Environmental Pollution</b> (Sources, Impacts, Corrective and Preventive measures, Relevant Environmental Acts, Case-studies)	PPT	

	8		Surface and Ground Water Pollution; Noise pollution; Soil Pollution and Air Pollution.	PPT		Surface and Ground Water Pollution; Noise pollution; Soil Pollution and Air Pollution.	PPT	
	9		<b>Waste Management &amp; Public Health Aspects:</b> Bio-medical Wastes; Solid waste; Hazardous wastes; E-wastes; Industrial and Municipal Sludge.	PPT		<b>Waste Management &amp; Public Health Aspects:</b> Bio-medical Wastes; Solid waste; Hazardous wastes; E-wastes; Industrial and Municipal Sludge.	PPT	
	10		<b>Waste management:</b> Waste management: Solid Waste Management, types and sources, functional elements of SWM,	PPT		<b>Waste management:</b> Waste management: Solid Waste Management, types and sources, functional elements of SWM,	PPT	

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MODULE-5	11		Biomedical Waste Management - Sources, Characteristics	PPT		Biomedical Waste Management - Sources, Characteristics	PPT	
	12		Environmental Legislation: Solid Waste Management Rules, 2016, Biomedical Waste Management Rules, 2016.	PPT		Environmental Legislation: Solid Waste Management Rules, 2016, Biomedical Waste Management Rules, 2016.	PPT	
	13		<b>E - Waste Management</b> E-waste; composition and generation. Global context in e-waste; E-waste pollutants, E waste hazardous properties, Effects of pollutant (E-waste) on human health and surrounding environment	PPT		<b>E - Waste Management</b> E-waste; composition and generation. Global context in e-waste; E-waste pollutants, E waste hazardous properties, Effects of pollutant (E-waste) on human health and surrounding environment	PPT	



# A T M E

College of Engineering

## DEPARTMENT OF CIVIL ENGINEERING



	14		domestic e-waste disposal, Basic principles of E waste management, Component of E waste management.	PPT		domestic e-waste disposal, Basic principles of E waste management, Component of E waste management.	PPT	
	15		E-waste (Management and Handling) Rules, 2011; and E- Waste (Management) Rules, 2022 - Salient Features and its implications.	PPT		E-waste (Management and Handling) Rules, 2011; and E- Waste (Management) Rules, 2022 - Salient Features and its implications.	PPT	



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