DEPARTMENT OF CIVIL ENGINEERING

ATME College of Engineering

Lesson Plan & Work-done Diary for AY: 2025-26, ODD Semester

Course with Code: Environmental studies and-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	06.08.2025	**Ecosystem And Sustainability-Introduction**	Chalk & Talk		**ECOSYSTEM AND SUSTAINABILITY-Introduction**	Chalk & Talk	
	2	07.08	**Ecosystems –Introduction** (Structure and Function).	Chalk & Talk		**Ecosystems- Introduction** (Structure and Function).	Chalk & Talk	
	3	13.08	**Biodiversity:** Types,Value; Hot-spots; Threats.	PPT		**Biodiversity:** Types, Value ; Hot-spots; Threats.	PPT	
	4	14.08	Forest, Desert, Wetlands, River, Oceanic and Lake	PPT		Forest, Desert, Wetlands, River, Oceanic and Lake	PPT	
	5	20.08	Sustainability: 17 SDGs-History, targets,	PPT		Sustainability: 17 SDGs-History, targets,	PPT	
	6	21.08	Sustainability: , implementation, Capacity Development.	PPT		Sustainability: , implementation, Capacity Development.	PPT	
MODULE-2	7	28.08	**NATURAL RESOURCE MANAGEMENT**			**NATURAL RESOURCE MANAGEMENT**	PPT	
	8	03.09	Advances in Energy Systems (Merits, Demerits	PPT		Advances in Energy Systems (Merits, Demerits	PPT	
	9	04.09	Hydrogen, Solar, OTEC, Tidal and Wind			Hydrogen, Solar, OTEC, Tidal and Wind	PPT	
	10	10.09	Natural Resource Management (Concept and case-studies):			Natural Resource Management (Concept and case-studies):	PPT	
	11	17.09	Disaster Management,	PPT		Disaster Management,	PPT	
	12	18.09	Sustainable Mining - case studies and Carbon Trading.	PPT		Sustainable Mining - case studies and Carbon Trading.	PPT	

MODULE- 3	13	24.09	**ENVIRONMENTAL POLLUTION & WASTE MANAGEMENT** Environmental Pollution (Sources, Impacts, Corrective and Preventive measures, Relevant Environmental Acts, Case-studies):	PPT		**ENVIRONMENTAL POLLUTION & WASTE MANAGEMENT** Environmental Pollution (Sources, Impacts, Corrective and Preventive measures, Relevant Environmental Acts, Case-studies):	PPT	
	14	25.09	Surface and Ground Water Pollution;	PPT		Surface and Ground Water Pollution;	PPT	
	15	08.10	Noise pollution;	PPT		Noise pollution;	PPT	
	16	09.10	Soil Pollution	PPT		Soil Pollution	PPT	
	17	23.10	Air Pollution, Waste Management	PPT		Air Pollution, Waste Management	PPT	
	18	29.10	Bio-medical Wastes; Solid waste;	PPT		Bio-medical Wastes; Solid waste;	PPT	

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MODULE-4	19	30.10	Hazardous wastes; E-wastes;	PPT		Hazardous wastes; E-wastes;	PPT		
	20	05.11	Industrial and Municipal Sludge	PPT		Industrial and Municipal Sludge	PPT		
	21	06.11	**GLOBAL ENVIRONMENTAL ISSUES**	PPT		**GLOBAL ENVIRONMENTAL ISSUES**	PPT		
	22	12.11	Global Environmental Concerns (Concept, policies and case-studies):	PPT		Global Environmental Concerns (Concept, policies and case-studies):	PPT		
	23	13.11	Ground water depletion	PPT		Ground water depletion	PPT		
	24	19.11	Ground water recharging	PPT		Ground water recharging	PPT		
MODULE-5	25	20.11	Climate Change; Acid Rain	PPT		Climate Change; Acid Rain	PPT		
	26	26.11	Ozone Depletion; Radon and Fluoride problem in drinking water	PPT		Ozone Depletion; Radon and Fluoride problem in drinking water	PPT		
	27	27.11	**ENVIRONMENTAL LEGISLATION** Environmental Legislation :	PPT		**ENVIRONMENTAL LEGISLATION** Environmental Legislation :	PPT		
	28	27.11	Water Act 1974, Air Act 1981	PPT		Water Act 1974, Air Act 1981	PPT		
	29	03.12	Environmental Protection Act 1984, Solid Waste Management Rules-2016	PPT		Environmental Protection Act 1984, Solid Waste Management Rules-2016	PPT		
	30	04.12	E- Waste management Rule - 2022, Biomedical Waste management- 2016.	PPT		E- Waste management Rule - 2022, Biomedical Waste management-2016.	PPT		

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	Activity	Planned	Actual	Remarks
1	Theory Classes	30	30	
2	Assignments/Quizzes/Self study	5	5	
3	Tutorials/Extraclasses	-	-	
4	Internal Assessments	3	3	
5	ICT based Teaching (% of usage in Curriculum)	100	100	
Planning			**Execution**	
FacultySignature:			FacultySignature:	
HoDSignature:			HoDSignature:	