ATME College of Engineering

DEPARTMENT OF CIVIL ENGINEERING

Lesson Plan & Work-done Diary for AY:2024-25, 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		**Introduction**	Chalk&Talk		**Introduction**		
	2		**Ecosystems –Introduction** (Structure and Function).	Chalk&Talk		**Ecosystems- Introduction** (Structure and Function).		
	3		**Biodiversity:** Types, Value; Hot-spots; Threats.	PPT		**Biodiversity:** Types, Value; Hot-spots; Threats.		
	4		Forest, Desert, Wetlands, River, Oceanic and Lake	PPT		Forest, Desert, Wetlands, River, Oceanic and Lake	PPT	
	5		Sustainability: 17 SDGs-History, targets,	PPT		Sustainability: 17 SDGs-History, targets,	PPT	
	6		Sustainability: , implementation, Capacity Development.	PPT		Sustainability: , implementation, Capacity Development.	PPT	
MODULE-2	7		**NATURAL RESOURCE MANAGEMENT**	PPT		**NATURAL RESOURCE MANAGEMENT**	PPT	
	8		Advances in Energy Systems (Merits, Demerits			Advances in Energy Systems (Merits, Demerits	PPT	
	9		Hydrogen, Solar, OTEC, Tidal and Wind			Hydrogen, Solar, OTEC, Tidal and Wind	PPT	
	10		Natural Resource Management (Concept and case-studies):			Natural Resource Management (Concept and case-studies):	PPT	
	11		Disaster Management,	PPT		Disaster Management,	PPT	
	12		Sustainable Mining - case studies and Carbon Trading.	PPT		Sustainable Mining - case studies and Carbon Trading.	PPT	

MODULE- 3	13		**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		Surface and Ground Water Pollution;	PPT		Surface and Ground Water Pollution;	PPT	
	15		Noise pollution;	PPT		Noise pollution;	PPT	
	16		Soil Pollution	PPT		Soil Pollution	PPT	
	17		Air Pollution, Waste Management	PPT		Air Pollution, Waste Management	PPT	
	18		Bio-medical Wastes; Solid waste;	PPT		Bio-medical Wastes; Solid waste;	PPT	

DEPARTMENTOFCIVILENGINEERING

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

	Activity	Planned	Actual	Remarks
1	Theory Classes	21	30	
2	Assignments/Quizzes/Self study	5	5	
3	Tutorials/Extraclasses	9	-	Planning to engage extra hours due to shortage of class
4	InternalAssessments	3		
5	ICTbasedTeaching (%ofusageinCurriculum)	100		

Planning	Execution
FacultySignature:	FacultySignature:
HoDSignature:	HoDSignature: