

Lesson Plan & Work-done Diary for AY: 2023-24, ODD Semester

Course with Code: Environmental studies-21CIV57					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		Ecosystems –Introduction (Structure and Function): Forest, Desert, Wetlands, Riverine, Oceanic and Lake.	Chalk & Talk		Ecosystems- Introduction (Structure and Function): Forest, Desert, Wetlands, Riverine, Oceanic and Lake.		
	2		Biodiversity: Types, Value; Hot-spots; Threats.	Chalk & Talk		Biodiversity: Types, Value; Hot-spots; Threats.		
	3		Conservation of biodiversity, Forest Wealth, and Deforestation.	Chalk & Talk		Conservation of biodiversity, Forest Wealth, and Deforestation.		
MODULE-2	4		Advances in Energy Systems (Merits, Demerits, Global Status and Applications)	PPT		Advances in Energy Systems (Merits, Demerits, Global Status and Applications)		
	5		Hydrogen, Solar, OTEC, Tidal and Wind.			Hydrogen, Solar, OTEC, Tidal and Wind.		
	6		Natural Resource Management (Concept and case-studies): Disaster Management, Sustainable Mining, Cloud Seeding, and Carbon Trading.	PPT		Natural Resource Management (Concept and case-studies): Disaster Management, Sustainable Mining, Cloud Seeding, and Carbon Trading.		
MODULE-3	7		Environmental Pollution (Sources, Impacts, Corrective and Preventive measures, Relevant Environmental Acts, Case-studies)	PPT		Environmental Pollution (Sources, Impacts, Corrective and Preventive measures, Relevant Environmental Acts, Case-studies)		



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	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.		
	9		Waste Management & Public Health Aspects: Bio-medical Wastes; Solid waste; Hazardous wastes; E-wastes; Industrial and Municipal Sludge.	PPT		Waste Management & Public Health Aspects: Bio-medical Wastes; Solid waste; Hazardous wastes; E-wastes; Industrial and Municipal Sludge.		
	10		Global Environmental Concerns (Concept, policies and case-studies): Ground water depletion/recharging,	PPT		Global Environmental Concerns (Concept, policies and case-studies): Ground water depletion/recharging,		

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MODULE-5	11		Climate Change; Acid Rain; Ozone Depletion; Radon and Fluoride problem in drinking water;	PPT		Climate Change; Acid Rain; Ozone Depletion; Radon and Fluoride problem in drinking water;		
	12		Resettlement and rehabilitation of people, Environmental Toxicology.	PPT		Resettlement and rehabilitation of people, Environmental Toxicology.		
	13		Latest Developments in Environmental Pollution Mitigation Tools (Concept and Applications): G.I.S. & Remote Sensing, Environment Impact Assessment	PPT		Latest Developments in Environmental Pollution Mitigation Tools (Concept and Applications): G.I.S. & Remote Sensing, Environment Impact Assessment		



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	14		Environmental Management Systems, ISO14001; Environmental Stewardship-NGOs	PPT		Environmental Management Systems, ISO14001; Environmental Stewardship-NGOs		
	15		Field work: Visit to an Environmental Engineering Laboratory or Green Building or Water Treatment Plant or Waste water treatment Plant; ought to be Followed by understanding of process and its brief documentation.	PPT		Field work: Visit to an Environmental Engineering Laboratory or Green Building or Water Treatment Plant or Waste water treatment Plant; ought to be Followed by understanding of process and its brief documentation.		



	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:	