

				other contexts.
- Remember (R), Understand (U), Apply (Ap), Analyse (An), Evaluate (E), Create (C) # - Factual Knowledge(F) Conceptual Knowledge (C) Procedural Knowledge (P) Metacognitive Knowledge (M)				

Module	Unit	Content	Hrs (36 +9)	Marks (75) 50+25
I	Natural Resources		11	15
	1	Meaning and concepts of Natural Resources	3	
	2	Classification of natural resources	2	
	3	Fossil Fuels: Renewable Energy Sources: Non-renewable Energy Sources: Emerging Technologies:	3	
	4	Approaches to Natural Resource Management, Resource Appraisal	3	
	Sections from References:			
II	Land and Soil Resources:		8	15
	5	Utilization, Issues and challenges	2	
	6	Management and conservation	2	
	7	Water and Forest Resources:	2	
	8	Utilization, Issues and challenges; Management and conservation	2	
	Sections from References:			
III	Energy Resources: Contemporary Strategies for Natural Resource Management		17	10
	9	Growing global energy needs;	2	
	10	Use of alternate energy resources;	2	

	11	Management and conservation	3	
	12	Sustainable Resource Development	2	
	13	Natural Resources Governance Framework;	2	
	14	Resource Management Policies.	1	
	15	Energy Security	1	
	16	Global Energy Trade	2	
	17	Political Instability in Energy-Rich Regions	2	
	Sections from References:			
IV	Future Outlook		9	10
	18	Transition to Sustainable Energy Systems	4	
	19	Role of Renewable Energy in Decarbonisation- Advancements in Energy Storage - International Cooperation for Energy Transition	5	
	Sections from References:			
V	<p>Organize field trips to various energy production facilities such as solar farms, wind farms, hydroelectric dams, and geothermal power plants.</p> <p>Students can observe firsthand the processes involved in energy generation, understand the environmental impacts, and learn about the management strategies employed to minimize those impacts.</p> <p>Conduct energy audits and efficiency assessments for buildings or facilities within the campus or local community.</p>		9	
	Books and References:.			
	<p>1.Gautam, A. (2018) Natural Resource: Exploitation, Conservation and Management, Sharda Pustak Bhawan, Allhabad.</p> <p>2 Potter, K. (2022) Natural Resources: Exploitation, Depletion and Conservation, Callisto Reference, New York</p> <p>3Singh, J. and G. Pandey (2015) Natural Resource Management and Conservation, New Delhi: Kalyani Publishers.</p> <p>4Cooper, P. (2018) Ecology and Natural Resource Management, Syrawood Publishing House, New York</p> <p>5Cole,</p>			