JHARKHAND Rai University
UGC RECOGNISED UNIVERSITY
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Lesson Plan & Tracking

Programe : BPT	**Session : 2022 - 2026**	**Year : 2022**	**Sem: I**
Course: Energy & Environmental Sciences			
Name of the Faculty: Dr. Ajit Kumar Gupta(PT)	**Commencement Date: 19/09/2022**		**Date of Closure:30/12/22**

Lecture No.	Week	Unit	Topics to be Covered	Blended Mode			Date	Duration	Tracking of Lectures	Related Course Outcome	Signature of Faculty	Signature of HoD	Remarks (if any)
				ICT Tool/Platform/ LMS	Resources	Activity							
1	1	1	defination & scope of Environmental Studies										
2		1	importance and public awareness										
3		1	renewable and non renewable resources										
4		1	natural resourses and associated problem										
5	2	1	forest resourses										
6		1	water resourses										
7		1	mineral resourses										
8		1	food resourses										
9	3	1	energy resourses										
10		1	land resourses										
11		2	ecosystem concepts and function, producer, consumers and decomposers										

12		2	energy flow and ecology succession. Food chain										
13	4	2	foof webs ,ecological pyramids.										
14		2	forest, grassland, desert, aquatic ecosystem and energy flow										
15		3	biodiversity : defination, genetic, species, ecosystem										
16		3	biogeographical clasification of India, value, consumptive use										
17	5	3	social ethical, aesthetic and option values.										
18		3	biodiversity at local. National & global level.										
19		3	hotspot to biodiversity, threats to biodiversity										
20		3	habitat loss, poaching of wild life, man wildlife conflicts										
21		3	endandered and endemic species of India, conservation of biodiversity										
22		4	pollution all types, nuclear hazards, solod waste management										
23		4	Disaster management										
24		5	unsustainable to sustainable development, urban problem										
25		5	water conservation, resettlement and rehab.										
26		5	environmental ethics, issue and solution,										

27		5	climate change, global warming, acid rain etc										
28		5	wasteland reclamation, consumsation anmd waste products.environmental protection act										
29		5	issue involved in enforcement of environmental legislation										
30		6	population growth, family welfare program										
31		6	human health, human rights, value education, HIV										
32		6	role of IT, environmental assets										