



Lesson Plan-cum-Course Progress Report

Doc. Type: FM-TL-07

Rev. No: 1

Rev. Date:

Name of the Institute :	C.V. Raman Polytechnic, BHUBANESWAR		
Department :	CIVIL ENGINEERING & CSE		
Semester/Division/Branch :	3RD_SEM		
Subject Name with code :	EVS/Th5		
Total No. of Class (Required) :	60	Page: of	
Faculty Name :	AMBIKA PRASAD MOHANTY	Date (Lesson Plan): 16.08.2022	

Class No.	Brief Description of the Topic/Chapter to be taught	Status of Course Cover (write Yes, if taught)	Sign (Faculty/LA)	Date (Course Covered)	Course Prog. Review ed by	Remarks
1	The Multidisciplinary nature of environmental studies					
2	Definition, scope and importance, Need for public awareness.					
3DO.....					
4DO.....					
5	Natural Resources-Renewable and non renewable resources:					
6	Natural resources and associated problems.					
7	Forest resources: Use and over-exploitation, deforestation, case studies, Timber extraction					
8	Water resources: Use and over-utilization of surface and ground water, floods, drought,					
9	Mineral Resources: Use and exploitation, environmental effects of extracting and using					
10	Food Resources: World food problems, changes caused by agriculture and over grazing, effects					
11	Energy Resources: Growing energy need, renewable and non-renewable energy sources, use					
12	Land Resources: Land as a resource, land degradation, man induces landslides, soil erosion,					
13	Role of individual in conservation of natural resources.					
14	Equitable use of resources for sustainable life styles.					
15	Systems-Concept of an eco system.					
16	Structure and function of an eco system.					
17	Producers, consumers, decomposers.					
18	Energy flow in the eco systems.					
19	Ecological succession.					
20	Food chains, food webs and ecological pyramids.					
21	Introduction, types, characteristic features, structure and function of the following eco system:					
22	Forest ecosystem, Aquatic eco systems (ponds, streams, lakes, rivers, oceans, estuaries).					
23	Biodiversity and it's Conservation					
24	Introduction-Definition: genetics, species and ecosystem diversity.					
25	Biogeographically classification of India.					
26	Value of biodiversity: consumptive use, productive use, social ethical, aesthetic and optin					
27	Biodiversity at global, national and local level.					
28	Threats to biodiversity: Habitats loss, poaching of wild life, man wildlife conflicts.					
29DO.....					
30DO.....					
31	Environmental Pollution. Definition Causes, effects and control measures of:					
32	Air pollution.					
33	Water pollution.					
34	Soil pollution					
35	Marine pollution					
36	Noise pollution					
37	Thermal pollution					
38	Nuclear hazards.					

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39	Solid waste Management: Causes, effects and control measures of urban and industrial wastes.					
40DO.....					
41	Role of an individual in prevention of pollution.					
42	Disaster management: Floods, earth quake, cyclone and landslides.					
43	Social issues and the Environment					
44	Form unsustainable to sustainable development.					
45	Urban problems related to energy.					
46	Water conservation, rain water harvesting, water shed management.					
47	Resettlement and rehabilitation of people; its problems and concern.					
48	Environmental ethics: issue and possible solutions.					
49	Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and					
50	Air (prevention and control of pollution) Act. 2					
51	Water (prevention and control of pollution) Act.					
52	Public awareness.					
53	Human Population and the Environment					
54	Population growth and variation among nations.					
55	Population explosion- family welfare program.					
56	Environment and human health.					
57	Human rights.					
58	Value education					
59	Role of information technology in environment and human health.					
60DO.....					

(Sign. of Faculty/LA)

Prepared by (Lesson Plan):

(Sign. of H.O.D/In-charge)

Reviewed by (Lesson Plan):

(Sign. of Principal)

Approved by (Lesson Plan):