

Lesson Plan

Name of the Faculty:		Ms. Shweta	
Discipline:		BCA	
Semester:		2nd	
Subject:		Environmental Sciences	
WorkLoad(Lecture/Practical)per week(Inhours):		3 Lecture per week	
S.No	Lecture No.	Theory	
		Topic(IncludingAssignment/Test/Quiz)	Pedagogy (PPT/Chalk and Board/Video Recording /Activity/Case Study)
1	L1	Multidisciplinary nature of EVS	Chalk and Board
2	L2	Scope & Importance of EVS	Chalk and Board
3	L3	Concept of sustainability & sustainable development.	Chalk and Board
4	L4	Definition & Structure of ecosystem	Chalk and Board & PPT
5	L5	Function of ecosystem	Chalk and Board
6	L6	Energy flow in an ecosystem: Food chain & Food webs	Chalk and Board & PPT
7	L7	Major ecosystem types: Forest	Chalk and Board
8	L8	Grassland & Desert ecosystem	Chalk and Board
9	L9	Aquatic ecosystem (lakes, rivers, oceans)	Chalk and Board
10		CLASS TEST	On Paper
11	L10	Land Resources: Land degradation	Chalk and Board& PPT
12	L11	Land Resources: Soil erosion	Chalk and Board& PPT
13	L12	Forest Resources: Importance & Deforestation: causes & impacts on environment.	Chalk and Board& PPT
14	L13	Water Resources: Use & over exploitation of surface &	Chalk and Board

		ground water	& PPT
15	L14	Energy Resources: Renewable & Non- Renewable	Chalk and Board & PPT
16		Sessional Examination-1	On Paper
17	L15	Biodiversity: Definition & its types	Chalk and Board
18	L16	Endangered & endemic species of India	Chalk and Board & PPT
19	L17	Threats to biodiversity: Habitat loss, poaching of wildlife	Chalk and Board& PPT
20	L18	Threats to biodiversity: Man- wildlife conflicts, biological invasions	Chalk and Board & PPT
21	L19	Conservation of biodiversity	Chalk and Board& PPT
22		Assignment & Presentation	Paper & PPT
23	L20	Ecosystem & biodiversity services: Ecological, economical, social	Chalk and Board & PPT
24	L21	Ecosystem & biodiversity services: Ethical, aesthetic & informational values	Chalk and Board & PPT
25	L22	Environmental pollution: Types, causes, effects & controls- Air pollution	Chalk and Board& PPT
26	L23	Water pollution	Chalk and Board& PPT
27	L24	Soil pollution	Chalk and Board& PPT
28	L25	Noise pollution	Chalk and Board
29	L26	Solid Waste Management	Chalk and Board& PPT
30	L27	Climate Change & Global Warming	Chalk and Board & PPT
31	L28	Ozone layer depletion	Chalk and Board& PPT
32	L29	Acid Rain	Chalk and Board & PPT
33		Sessional Examination-2	On Paper
34	L30	Environmental Policies & Practices: EPA	Chalk and Board
35	L31	Air Act & Water Act	Chalk and Board
36	L32	Human Population Growth: Impacts on Environment	Chalk and Board
37	L33	Human health & welfare	Chalk and Board
38	L34	Resettlement & Rehabilitation	Chalk and Board
39	L35	Disaster Management: Floods, Earthquakes	Chalk and Board
40	L36	Cyclones, Landslides & drought	Chalk and Board
41	L37	Environmental Ethics	Chalk and Board
42		Sessional Examination-3	On Paper