

Satyug Darshan Institute of Engineering and Technology

Lesson Plan / Teaching Plan / Lecture Plan with Progress: BBA –4th Semester : 2025-26 (Even)

Course Name (Code): EVS II (ESU-202-V)

Faculty Name-Dr Mansi Rastogi

Lesson Plan / Teaching Plan / Lecture Plan with Progress : BBA-G 2 Semester : 2026						
BBA-Gen-EVS II- ESU-202-V				Faculty : Dr. Mansi Rastogi		
Teacher Centric Approaches => TC-1 (Chalk and Talk); TC-2 (PPT); TC-3 (Video Lectures) Learner (Student) Centric Approaches => LC-1 (Assignment); LC-2 (Mini Project); LC-3 (Quiz); LC-4 (Seminar on recent trends); LC-5 (Group Task); Any other						
Topics / lectures are arranged in sequence - same - as to be taught in the class. Maintain data related to "Date" in its hard copy.						
S. No.	Lecture No	CO (No)	Topic Description	Teaching Pedagogy	Reference Material	Remarks, if any
1	1	CO 1	Definition of pollution; Point sources and non-point sources of pollution	Board	R1,R2	
2	2	CO 1	Air pollution: Sources of air pollution, Primary and secondary pollutants, Criteria pollutants	Board	R1,R2	
3	3	CO 1	Other important air pollutants- Volatile Organic compounds, Peroxyacetyl Nitrate, Polycyclic aromatic hydrocarbons and Persistent organic pollutants	Board	R1,R2	
4	4	CO 1	Indoor air pollution, health impacts of air pollutants National Ambient Air Quality Standard	Board	R1,R2	
5	5	CO 1	Water pollution: Sources of water pollution, River, lake and marine pollution, groundwater pollution	Board	R1,R2	
6	6	CO 1	Water quality parameters and standards, health impacts of water pollution on human and aquatic life.	Board	R1,R2	
7	7	CO 1	Soil pollution and solid waste: Soil pollutants and their sources,	Board	R1,R2	
8	8	CO 1	Solid and hazardous waste, Impact on human health.	Board	R1,R2	
9	9	CO 1	Noise pollution: Definition of noise, measurement and sources of noise pollution, Noise standards, impacts of noise on human health.	Board	R1,R2	
10	10	CO 1	Thermal pollution: Sources and impact on human health and ecosystems	Board	R1,R2	
11	11	CO 1	Radioactive pollution: Sources and impact on human health and ecosystems	Board	R1,R2	
12	12	CO1	Revision Unit 1			
13	13	CO2	Structure of atmosphere Importance of 1.5 °C and 2.0 °C limits to global warming	Board+PPT	R1,R2	
14	14	CO2	Climate change projections for the Indian sub-continent.	Board+PPT	R1,R2	
15	15	CO2	Impacts of climate change on ocean, land, forests and natural ecosystems	Board+PPT	R1,R2	
16	16	CO2	Impacts on animal species, agriculture, health, urban infrastructure	Board+PPT	R1,R2	
17	17	CO2	Concept of vulnerability	Board	R1,R2	
18	18	CO2	Adaptation vs. resilience ; Indigenous knowledge for adaptation to climate change.	Board	R1,R2	

19	19	CO2	Mitigation measures: Green House Gas (GHG) reduction vs. sink enhancement,	Board	R1,R2	
20	20	CO2	Carbon neutrality, Net zero targets for the future, Energy efficiency measures	Board	R1,R2	
21	21	CO2	National climate action plan	Board	R1,R2	
22	22	CO2	Revision Unit 2	Board		
23	23	CO3	Introduction to environmental laws and regulation: Constitutional provisions- Article 48A, Article 51A		R1,R2	
24	24	CO3	Introduction to environmental legislations on the forest, Wildlife and pollution control.	Board	R1,R2	
25	25	CO3	Environmental management system: ISO 14001.	Board	R1,R2	
26	26	CO3	Environmental audit	Board	R1,R2	
27	27	CO3	Environment impact assessment, Pollution control and management,	Board	R1,R2	
28	28	CO3	Waste Management Concept of 3R (Reduce, Recycle and Reuse) and sustainability,	Board	R1,R2	
29	29	CO3	Ecolabeling /Ecomark scheme.	Board	R1,R2	
30	30	CO3	Revision Unit 3	Board		
31	31	CO3	Vienna Convention; Montreal Protocol		R1,R2	
32	32	CO4	Kigali Amendment. Basel Convention	Board	R1,R2	
33	33	CO4	Stockholm Convention on Persistent Organic Pollutants, Minamata Convention.	Board	R1,R2	
34	34	CO4	United Nations Framework Convention on Climate Change (UNFCCC)	Board	R1,R2	
35	35	CO4	Kyoto Protocol, Paris Agreement, India's status as a party to major conventions	Board	R1,R2	
36	36	CO4	National Green Tribunal, Convention on Biological Diversity (CBD)	Board	R1,R2	
37	37	CO4	Cartagena Protocol, Nagoya Protocol	Board	R1,R2	
38	38	CO4	Convention on International Trade in Endangered Species of Wild Flora and Fauna (CITES)	Board	R1,R2	
39	39	CO4	Ramsar Convention on Wetlands of International Importance, Ramsar sites,	Board	R1,R2	
40	40	CO4	Revision	Board		

Study Material / Books / Web-resources / Online Courses Links etc.

S. No.	Description
1	Ahluwalia, V. K. (2015). Environmental Pollution, and Health. The Energy and Resources Institute (TERI).
2	Perspectives in Environmental Studies, Book by Anubha Kaushik and C.P. Kaushik.