

Satyug Darshan Institute of Engineering and Technology

Lesson Plan / Teaching Plan / Lecture Plan with Progress: BCA –1st Semester : 2025-26

Course Name (Code): EVS I (VAC-101-V)

Faculty Name-Dr Mansi Rastogi

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	Topic Description	Teaching Pedagogy	Reference Material	Remarks, if any
1	1	Fundamental environmental concepts and their relevance to business operations; Components and segments of the environment, the man-environment relationship, and historical environmental movements.	Board	T1,T3	
2	2	Concept of sustainability; Classification of natural resources, issues related to their overutilization, and strategies for their conservation.	Board	T1,T3	
3	3	Sustainable practices in managing resources, including deforestation, water conservation, energy security, and food security issues.	Board	T1,T3	
4	4	The conservation and equitable use of resources, considering both intergenerational and intergenerational equity, and the importance of public awareness and education.	Board	T1,T3	
5	5	Revision			
6	6	Various natural ecosystems, learning about their structure, functions, and ecological characteristics. The importance of biodiversity, the threats it faces, and the methods used for its conservation.	Board	T1	
7	7	Ecosystem resilience, homeostasis, and carrying capacity, emphasizing the need for sustainable ecosystem management.	Board	T1	
8	8	Strategies for in situ and ex situ conservation, nature reserves, and the significance of India as a mega diverse nation.	Board	T1	
9	9	Revision Unit 2			
10	10	Environmental pollution, including air, water,	Board+Ppt	T3	
11	11	Noise, soil, and marine pollution, and their impacts on businesses and communities.	Board+Ppt	T3	
12	12	Causes of pollution, such as global climate change, ozone layer depletion	Board	T3	
13	13	The greenhouse effect, and acid rain, with a particular focus on pollution episodes in India.	Board	T3	
14	14	Importance of adopting cleaner technologies	Board	T3	
15	15	Solid waste management; Natural and man-made disasters, their management, and the role of businesses in mitigating disaster impacts	Board	T3	
16	16	Revision			
17	17	Dynamic interactions between society and the environment, with a focus on sustainable development and environmental ethics.	Board	T2	
18	18	Role of businesses in achieving sustainable development goals and promoting responsible consumption.	Board	T2	
19	19	Overview of key environmental legislation and the judiciary's role in environmental protection	Board	T1,T2	
20	20	The Water (Prevention and Control of Pollution) Act of 1974, the Environment (Protection) Act of 1986	Board	T1,T2	
21	21	The Air (Prevention and Control of Pollution) Act of 1981. Environmental justice, environmental refugees, and	Board	T1,T2	
22	22	The resettlement and rehabilitation of affected populations; Ecological economics, human population growth, and demographic changes in India.	Board	T1,T2	
23	23	Revision			

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

S. No.	Description
1	Poonia, M.P. "Environmental Studies" (3rd ed.), Khanna Book Publishing Co.
2	Bharucha, E, "Textbook of Environmental Studies" (3rd ed.) Orient Blackswan Private Ltd
3	Perspectives in Environmental Studies, Book by Anubha Kaushik and C.P. Kaushik

