

Lesson Plan			
Name of Faculty		:SB Jangra HOD	
Branch and Semester		:5th sem Mechanical Engineering	
Subject		:Ecosystem Protection and Disaster Management (Mooc)	
Lesson Plan duration		:16 Weeks (From 30 July 2026 to 23 Nov 2026)	
Workload (Lecture) per week (in hours)		:Lectures-02	
Week	Date	Lecture day	Theory
			Syllabus Topics
1	30/07/2026	1	Unit-I Introduction of environment
	4/8/2026	2	The Multidisciplinary nature of environmental studies
2	6/8/2026	3	Natural Resources
	11/8/2026	4	Renewable and non-renewable resources
3	13/08/2026	5	Revision
	18/08/2026	6	UNIT-II Natural resources and associated problems
4	20/08/2026	7	(a) Forest resources; (b) Water resources; (c) Mineral resources; (d) Food
	25/08/2026	8	(e) Energy resources; (f) Land resources:
5	27/08/2026	9	Role of an individual in conservation of natural resources.
	1/9/2026	10	Revision
6	3/9/2026	11	UNIT-III Ecosystems, Concept of an ecosystem
	8/9/2026	12	Structure and function of an ecosystem
7	10/9/2026	13	Introduction, types, characteristic features, structure and function of the ecosystems
	15/09/2026	14	Forest ecosystem; Grassland ecosystem
8	17/09/2026	15	Desert ecosystem; Aquatic ecosystems
	22/09/2026	16	(ponds, streams, lakes, rivers, oceans, estuaries)
9	24/09/2026	17	Revision
	29/09/2026	18	UNIT-IV Biodiversity
10	1/10/2026	19	Concepts: Levels of Biodiversity
	6/10/2026	20	Biogeographic Classification of India
11	8/10/2026	21	Values of Biodiversity
	13/10/2026	22	Biodiversity at Global, National and Local Levels
12	15/10/2026	23	Threats to Biodiversity, Conservation of Biodiversity
	22/10/2026	24	Revision
13	27/10/2026	25	2nd Parent-Teacher Meeting
	29/10/2026	26	Unit-V Environmental Pollution
14	3/11/2026	27	Air pollution
	5/11/2026	28	Water pollution
15	10/11/2026	29	Soil pollution
	12/11/2026	30	Revision
16	17/11/2026	31	Revision
	19/11/2026	32	Revision