

CURRICULUM PLAN 2024-25

Department of Geography

Semester – V

Course- BA (Prog.)

Name of the Teacher: Dr. GEETA
KUMARI

Paper Name– Environment and Ecology

Unit No.	Name of Topic	Allocation of Lectures	Month wise schedule followed by the Department	Tutorial/Assignment/Presentation etc.
1	Introduction:	8 lectures	1 August, 2024 – 28 August, 2024	<ul style="list-style-type: none">• Concept of Environment• Ecology and Ecosystem• Types of Ecology• Concepts of Ecosystem Services• Ecological and Material Footprint• Global Planetary Boundaries
2	Ecology and Ecosystem	8 lectures	2 September, 2024 – 18 September, 2024	<ul style="list-style-type: none">• Species Interactions• Ecological Limiting Factors• Ecosystem: Structure and Functions• Human Adaptation

3	Global Environmental Challenges and Management	11 lectures	23 September, 2024 – 14 October, 2024	<ul style="list-style-type: none"> • Climate Change • Biodiversity loss • Land degradation • Human health issues
4	Regional Ecological Issues and Management	11 lectures	15 October, 2024- 31 October, 2024	<ul style="list-style-type: none"> • Coastal and Marine Ecology • Loss of mangroves and corals • Garbage Patches • Urban Ecology: Waste disposal and Pollution
5	Programmes and Policies	7 lectures	3 November, 2024 – 25 November, 2024	<ul style="list-style-type: none"> • Environmental Impact Assessment • Global and National Environment Policy of India