

**CURRICULUM PLAN, 2025-2026**

**B.A. (Hons.) Geography**

**Semester –V**

**Name of the Teacher- Dr. Usha K. Pathak**

**Paper Name- ENVIRONMENT AND ECOLOGY**

<b>Unit No.</b>	<b>Name of Topic</b>	<b>Tutorial/Assignment/ Presentation etc.</b>	<b>Allocation of Lectures</b>	<b>Assessment Tasks</b>	<b>Teaching and Learning Activity</b>
<b>1</b>	<b>Concept of Environment, Ecology and Ecosystem; Types of Ecology; Concepts of Ecosystem Services; Ecological and Material Footprint; Global Planetary Boundaries.</b>	<ul style="list-style-type: none"><li>• Concept of Environment, Ecology and Ecosystem</li><li>• Types of Ecology</li><li>• Ecosystem Services</li><li>• Ecological and Material Footprint</li><li>• Global Planetary Boundaries</li></ul>	<b>(08) 1st Aug- 28th Aug 2025</b>	<b>Assignments, presentations, discussions</b>	<b>Classroom Lectures, PPTs, documentaries, discussions and tutorials.</b>
<b>2</b>	<b>Ecology and Ecosystem: Species Interactions; Ecological Limiting Factors; Ecosystem: Structure and Functions; Human Adaptation</b>	<ul style="list-style-type: none"><li>• Species Interactions</li><li>• Ecological Limiting Factors</li><li>• Ecosystem: Structure and Functions</li><li>• Human Adaptation</li></ul>	<b>(08) 2nd Sep 18th Sep 2025</b>	<b>Assignments, presentations, discussions.</b>	<b>Classroom Lectures, PPTs, documentaries, discussions and tutorials</b>

<b>3</b>	<b>Global Environmental Challenges and Management: Climate Change, Biodiversity loss, Land degradation and Human health issues</b>	<ul style="list-style-type: none"> <li>• Climate Change</li> <li>• Biodiversity loss</li> <li>• Land degradation and Human health issues</li> </ul>	<b>(11)</b> <b>23rd Sep – 14th Oct 2025</b>	Assignments, presentations, discussions.	Classroom Lectures, PPTs, documentaries, fieldworks and tutorials.
<b>4</b>	<b>Regional Ecological Issues and Management: Coastal and Marine Ecology: Loss of mangroves and corals, Garbage Patches; Urban Ecology: Waste disposal and Pollution</b>	<ul style="list-style-type: none"> <li>• Coastal and Marine Ecology</li> <li>• Loss of mangroves and corals</li> <li>• Waste disposal and Pollution</li> </ul>	<b>(11)</b> <b>15th Oct- 31st Oct 2025</b>	Assignments, presentations, discussions and debates	Classroom Lectures, PPTs, documentaries, discussions and tutorials.
<b>5</b>	<b>Environmental Programs and Policies: Environmental Impact Assessment; Environmental Impact Assessment</b>	<ul style="list-style-type: none"> <li>• Environmental Impact Assessment</li> <li>• Environmental Impact Assessment</li> </ul>	<b>(7)</b> <b>3rd Nov – 19th Nov 2025</b>	Assignments, presentations, discussions and debates	Classroom Lectures, PPTs, documentaries, discussions and tutorials.