

Lesson Plan- VAC -Environmental Studies


Session 2025-26

Sem.-2nd B.A.- 1st + B.Sc.- 1st

MONTH	Unit	Topics
Jan.2026	I	<p>Introduction to environmental studies: Multidisciplinary nature of environmental studies; Scope and importance; Concept of sustainability and sustainable development. Ecosystems: Definition, structure and function of ecosystem; Energy flow in an ecosystem: food chains, food webs, Major ecosystem types: Forest ecosystem, Grassland ecosystem, Desert ecosystem and Aquatic ecosystem(lakes, rivers, oceans).</p>
Feb. 2026	II	<p>Natural resources: Renewable and Non-renewable Resources Land resources: Land degradation and soil erosion. Forest resources: Importance of forests, deforestation causes and impacts on environment. Water resources: Use and over- exploitation of surface and groundwater. Energy resources: Renewable and non-renewable energy sources. Biodiversity and Conservation: Definition and its types, Endangered and endemic species of India. Threats to biodiversity: Habitat loss, poaching of wildlife, Man-wildlife conflicts, biological invasions; Conservation biodiversity: <i>In-situ</i> and <i>Ex-situ</i> conservation of biodiversity. Ecosystem and biodiversity services: Ecological, economic, social, ethical, aesthetic and informational values.</p>
March 2026	III	<p>Environmental pollution Environmental pollution: types, causes, effects and controls; Air, water, soil and noise pollution. Solid waste management: Sources, methods of disposal: Landfill, incineration and composting. Climate change, global warming, ozone layer depletion, acid rain and impacts on human communities and agriculture. Environmental Policies & Practices Environmental laws: Environment (Protection) Act, 1986, Air (Prevention & Control of Pollution) Act, 1981, Water (Prevention and control of Pollution) Act, 1974.</p>
April 2026	IV	<p>Human Communities and the Environment: Human population growth: Impacts on environment, human health and welfare. Resettlement and rehabilitation of project affected person. Disaster management: floods, earth quake, cyclones, landslides and drought. Environmental ethics: Role of Indian and other religions and cultures in environmental conservation.</p>
April 2026		Revision Test + Internal Assessment

Suggested Evaluation Methods

Internal Assessment: 15 marks		End Term Examination Theory: 35 marks (Written exam)
<p>➤ Theory</p> <ul style="list-style-type: none">• Class Participation: 5 marks• Seminar/presentation/assignment/quiz/class test etc.: 5 marks• Mid-Term Exam: 5 marks		
Part C-Learning Resources		
<p>Recommended Books/e-resources/LMS:</p> <ol style="list-style-type: none">1. Kaushik, A & Kaushik, C.P. 2022. Perspectives in Environmental Studies. New Age International Pvt Ltd, New Delhi.2. Bharucha, E. 2021. A Textbook of Environmental Studies for Undergraduate Courses, Orient Blackswan Pvt Ltd.3. Goswami, P., Mandal, J. & Singh, S. 2022. A Textbook on Environmental Studies, Ashok book stall, Assam.4. Joshi, P.C. & Joshi, N. 2009. A Textbook of Environmental Science. APH Publishing Corporation.5. Basu, M. & Xavier Savarimuthu, S.J. 2017. Fundamentals of Environmental Studies. Cambridge University Press.6. Singh, R.P. & Islam, Z. 2012. Environmental Studies. Concept Publishing Company.		


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