

EVS 601 Environmental Pollution and Health

(Credits: 04)

Objective: To develop understanding and technical skills in pollution of environment and its consequences on health of biota including human-beings with emphasis on globalized human well-being

Syllabus

Environmental Pollution:	Definition; Historical understanding; Types of pollution and pollutants; Scope of the study
Air and Noise Pollution:	Definition and types of air pollution; Types of air pollutants and sources of indoor and outdoor air pollution; Air pollution and meteorology; Effects of air pollution on plants, animals and human health, and archaeological sites; Control of air pollution; Noise pollution- sources, effects and control measures
Water Pollution:	Definition; Types and sources of water pollutants; Effects of water pollution; Control of water pollution
Soil Pollution:	Definition; Types and sources of soil pollution; Impacts of soil pollutants; Control of soil pollution
Pollution problems of Global Dimension:	Climate change; Depletion of ozone layer; Acidic precipitation; Pollution of international water; Solid waste

SUGGESTED READINGS

Environmental Studies: From Crisis to Cure – R. Rajagopalan, Oxford University Press, New Delhi.

Ecology, Environment and Resource Conservation- J.S. Singh, S.P. Singh and S.R. Gupta, Anamaya Publishers, New Delhi

The Gita of Waste- Dengel, Et al., Auroville Health Centre, Auroville, Tamil Nadu

Global Environmental Issues – E. El- Hinnawi and M.H. Hashmi (eds.), UNEP by Tycooly, International Publishing Ltd., Dublin.