

ENS 506 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.