

FOUNDATION COURSE: ENVIRONMENTAL STUDIES

Module No.	Topics
I	A. Introduction to Environmental Studies Definition, scope and importance, need for public awareness. B. Natural Resources Forest, water, mineral, food, energy and land resources.
II	Ecosystems Concept, structure, function, producers and consumers, energy flow, ecological succession and introduction of forest, grassland, desert and aquatic ecosystems.
III	A. Biodiversity Introduction, bio-geographical classification of India, value threats, biodiversity at global, national and local levels. B. Environment Pollution Its cause, effects and control measures of air, water, soil, marine, noise and thermal pollution- solid waste management and disaster management.
IV	A. Human Population and the Environment Population growth- variations among nations, Population explosion- Family welfare programme, Human Rights, Value Education, HIV\AIDS, Women and Child welfare. B. Social Issues and the Environment Sustainable Development, Urban Problem related to energy, Water Conservation, Environment Ethics, Climate Change, Global Warming, Ozone layer depletion, Environment Protection Act, Public Awareness.