

Department	ECONOMICS	Class	I-M.A.		Semester	I
Course Title	Environomics	Hours	Credit	CIA	External	Total
Course Code	18P1VMC5	90	4	25	75	100

Objectives

1. To understand the Inter linkages of Environment and Economics.
2. To study the implications of welfare Economics in environmental concept
3. To make an awareness in the conservation of Economic resources
4. To analyze the ways and means to protect the environmental quality
5. To evaluate the Environmental Policies of India

Learning Outcome

Integrate knowledge to understand the environomics

Unit – I Introduction to Environmental Economics

(18 Hours)

Definitions of Environmental Economics – Economics and Environment – Transformation Curve – Environment and Economic Systems – Subject Matter of Environmental Economics – Scope and Significance of Environmental Economics - Integration of Conservation and Development – Global Environmental Problems.

Unit – II Natural Resources and Environmental Quality

(18 Hours)

Role of Natural Resources in Economic Development - Land Resources of India – Forest Resources of India - Forest and Environmental Quality- Benevolent Role of the Forest – Deforestation - Effects of Deforestation - Deforestation in India – Measures to overcome deforestation - Water Resources – Mineral Resources.

Unit – III Pollution Control

(18 Hours)

Pollution Control and Environmental Protection – Pollution as an Economic Problem – Basic Approach to the Problem of Pollution Control – Moral Suasion – Direct Control – Regulation – Prohibition - - Fiscal Techniques – Effluent or residual Charges - Subsidies – Pollution permits - Refundable Deposits.

Unit – IV Economics of Recycling and Waste Management

(18 Hours)

Economics of Recycling – Market for Recyclable Products – Solid Wastes – Sources of Solid Wastes – Industrial wastes – Nuclear wastes – The Problem of Waste Management in Developing Countries – World Summit on Sustainable Development – Sustainable Management of Wastes – Waste Management Hierarchy – Solid Wastes in India.

Unit - V Environmental Management and Environmental Policy

(18 Hours)

Environmental Hazards and Disaster Management – Environmental Management – Principles of Environmental Management – Environmental Impact Assessment System - Environmental Education in India – Environmental Laws in India – The Water Act 1974 – Air Act 1981 – The Environment Act 1986 – The Forest Conservation Act - National Environmental Policy 2006 – National Green Tribunal Act 2010.

Text Books

1. S. Sankaran, “**Environmental Economics**”, 2014, Margham Publications, Chennai.
2. Nick Hanely, Jason F. Shogren and Ben White, “**Environmental Economics in Theory and Practice**”, 2009, Macmillan India Limited, New Delhi.
3. Metha, Mundle and U. Sankar “**Controlling Pollution: Incentives and Regulation**”, 2008, Sage Publications, New Delhi.

References

1. M.L. Jhingan, Chander K. Sharma, “**Environmental Economics –Theory, Management and Policy**”, 2015 Vrinda Publications (P) Ltd, New Delhi.
2. T. Eugene “**Environmental Economics**”, 2010, Vrinda Publishers, New Delhi.

Website

1. www.envfor.nic.in