

**Paper Code:** 44324

**M.A. ECONOMICS 2011-12**  
**SEMESTER – IV**  
**Paper – IV**  
**ECONOMICS OF ENVIRONMENTAL MANAGEMENT**

**Unit – I**

Environmental Economics – Definition and Scope, Common Property Resources, Theories of optimal use of Exhaustible and Renewable Resources, Economic Growth, Sustainable Development and Environment, The Environmental Kuznets curve.

**Unit – II**

Valuing the Environment and Natural Resources – Concept of total Economic Value, Use Value, Option, Values and Non-use Values, Valuation Methods – Physical Linkage Methods, Abatement Cost Method, Behavioural Linkage Method, Environmental Accounting – Meaning, Need, Nature of Environmental Accounting (IEEA) and the Measurement of Environmentally corrected GDP (Green Accounting).

**Unit – III**

Environmental Risk – Concept, Assessment of Environmental Risks, Choice under Risk, Valuing Risks to Life and Limb, Risk Perception, Risk Management.

**Unit – IV**

The Economics of climate change – Concept, National and International Challenges of Climate Change, The Benefits and Costs of International cooperation, Economic Issues Underlying Benefit and Cost Estimates, The flexibility – Stringency Trade off.

**Unit – V**

Mechanism for Environmental Regulations in India, Environmental Laws and their implementation, Policy instruments for Controlling Water and Air Pollution, Forest Policy in India Resources and Energy.

**Basic Reading List**

1. Charles D. Kolstad (2008) – Environmental Economics, Oxford University Press.

2. H. K. Pathak (2010) – Economics of Environmental Development, G. S. Rawat for Cyber Tech Publication.
3. Bhattacharya, R. N. (Ed.) (2001) – Environmental Economics: An Indian Perspective, Oxford University Press, New Delhi.
4. Markandya, A. and J. Richardson (Eds.) – The Earth Scan Reader in Environmental Economics, Earth Scan, London.
5. Panchmukhi, P. R. (1980) – Economics of Health: A Trend Report in ICSSR, A Survey of Research in Economics, Vol. VI, Infrastructure, Allied Publishers, Delhi.
6. Peare, D. W. and R. K. Turner (1991) – Economics of Natural Resource Use and Environment, Johns Hopkins University Press, Baltimore.
7. Beman, P. and M. E. Khan (1993) – Paying for India's Health Care, Sage Publications, New Delhi.
8. Cooms, P. H. and J. Hallak (1988) – Cost Analysis in Education, John Hopkins University Press, Baltimore.
9. Murty, M. N., A. J. James and S. Misra (1999) – The Economics of Water Pollution in India, Oxford University Press, New Delhi.
10. Sengupta, R. P. (Ed.) (2001) – Ecology and Economics: An Approach to Sustainable Development, Oxford University Press, New Delhi.
11. Woodhall, M. (1992) – Cost Benefit Analysis in Educational Planning, UNESCO, Paris.
12. World Bank (1993) – The World Development Report, 1993: Investing in Health, Oxford University Press, New York.
13. Arun Kumar Singh – Environmental Economics, Deep and Deep Publications Pvt. Ltd., New Delhi.
- 14<sup>प</sup> डॉ. हरिमोहन सक्सेना – पर्यावरण एवं प्रदूषण, राजस्थान हिन्दी ग्रंथ अकादमी, जयपुर।

