



MANGALORE UNIVERSITY

DEPARTMENT OF BIOSCIENCES

M.Sc. ENVIRONMENTAL SCIENCE

ESH451 SOCIO-ECONOMIC ASPECTS OF ENVIRONMENT

Course Outcomes:

CO1 Describe socio-economic dimensions of environment.

CO2 Learn various environmental movements.

CO3 Realize the importance of sustainable development.

CO4 Understand in detail environmental economics.

UNIT I (13 hours)

Introduction to cultural, social, geographical and economical anthropology. Eugenics and eugenics. Rehabilitation of human population. Social and cultural differences in the perception of values of resources.

Sociology of development, common property resources, environmental movements: Role of women in environment, tribes and environment, cost of environmental protection.

UNIT II (13 hours)

Environment and sustainable development: Measuring of sustainable development, global awareness, global and national environmental issues, manpower and training programmes.

UNIT III (13 hours)

Nature and scope of environmental economics: economic planning and development related to environment; planning, decision and implementation processes; cost benefit analysis of environment, common property rights. Market for environment, valuing environment and natural resources.

UNIT IV (13 hours)

Socio-economic dimensions of environment: Sustainable development Vs environmental development; Use and non-use value of resources; valuation, risk and uncertainty of resources; share of benefits of resources; environmental values, ethics and equity. Measurement environmental degradation.

References

1. Dasgupta, P. and Heal, G.M. 1998. Economic Theory of Exhaustible Resources, Oxford University Press, New Delhi.
2. Hantey, N., 1996. Environmental Economics - Theory and Practice, Manasa Publication, New Delhi.
3. Kalpagam, M., 1992 Environmental Economics - A Textbook. Sterling, New Delh.
4. Kolstad, C.D., 1999. Environmental Economics. Oxford University Press, New Delhi.
5. Thabeb, K., 1996. Environment Protection Law and Policy in India. Deep and Deep, New Delhi.

6. Pearce, D.W. and Turner, R.K. 1990. Economics of Natural Resources and Management, Harvester, New York.
7. Juan Martinez-Alier, 1987. Economics, Energy and Environment. Basil Blackwell.
8. Slebeht, H., 1992. Economics of Environment – Theory and Policy, Springer Verlag.
9. Hines, L.G., 1988. The Market, Energy and Environment, Allyn and Bacon, Boston.
10. Trivedi, P.R. (ed.) 1994. Sustainable Development - Global Perspective, Commonwealth, New Delhi.
11. Bermann, P. (Ed), 1995. Health sector reforms in developing countries, Marking health development sustainable, Harward University Press.
12. Sengupta, R.P., 2001. Ecology and Economics: An approach to sustainable development, Oxford University Press, New Delhi.
13. Kushwath & Vijayakimar, 2001. Economics of Protected Areas and its management
14. Nicholas Poulin, 1977. Growth without ecodisasters.
15. Lenihan, J. and Fletcher, W.W., Environment and Man.
16. Hall, D.O., Economics of Ecosystem Management.

