



C.U. SHAH UNIVERSITY WADHWANCITY



- Faculty : Arts & Humanities
- Department of : Economics
- Semester : III
- Name of Subject : Environmental Economic : Theories
- Subject Code : 51AH03EET1

Teaching & Evaluations Scheme

Subject Code	Name of the Subject	Teaching Scheme (Hours)				Evaluations Scheme								
51AH03EET1	Environmental Economic : Theories	4	0	0	4	30	1.5	70	3	100	--	--	--	100

COURSE OBJECTIVES:

- This Course is meant to acquaint student with the basic Theories of environment economics so that they can develop and use appropriate theoretical frame to analyze and understand important environmental issues.

COURSE CONTENTS :

Unit No.	Course Content (Title of the Unit)	Minimum No. of Hours
0	Prerequisites	04
1	Environmental Economics : Meaning, Nature and Scope : Meaning of Environment economics : various definitions; relationship between mainstream economics and environment economics: nature of environmental economics : its positive and normative aspects: interdisciplinary nature of environmental economics: relationship of environmental economics with other disciplines.	14
2	Market Failure Decision making : Market efficiency and Parato-optimality; Market failure possibilities with reference to environmental resource; the reasons for market failure: externalities and problem of cost-internalization; public goods and common-property type nature of environmental resource Unclear property right, informational asymmetries and possibilities of missing markets.	14
3	Environment and Development : Relationship between environment and development: Theory of sustainable development and problems of operational sing this Theory: indict/s and rules of sustainability	14

	methods of environmental valuation; integration of national and environmental accounting	
4	Optimal use of Environmental Resource : Application of capital Theory for the optimal use of environmental resources, Theories for the use of non-renewable resource; Theories for the use of renewable resources.	14
	Total Hours	60

TEXT AND REFERENCE BOOK

1. Ayres, R.U. and Leslie Ayres, (1998), Accounting of Resources Vol-1 Edward Elgar,
2. Bhattacharya Ravindra, N. (ed.) (2001) Environment economics, Oxford University Press.
3. Callan, J.S. and Janet M.T. (1996), Environment Economics and Management : Theory Policy and Applications, IRWIN.
4. Field, Barry, C. (1997), Environmental Economics : An Introduction, McGraw-Hill International Edition.
5. Dasgubta, P., (1982), The control of Resources, Oxford University Press.
6. Kerr, J.M. and Other (1997), Natural Resource Economics, Oxford and IBM publishing Co. Pvt. Ltd., Delhi.
7. Hanley, N. and Other, (1997), Environment Economics in Theory and Practice, Macmillan.
8. Kulastand, C.D. (1999), Environment Economics, Oxfrd University Press, New Delhi.
9. Parikh, Jyoti and Kirit Parikh, (1997), Accounting and Vitition of Environment, John Hpkins, University, New York.
10. Pears, D.W. and R. Turn/, (1991), Economics and Natural Resource Use and Environment, John Hpkins University Baitimore.
11. Shankar U, (Ed.) (2001), Environment Economics, Oxford University Press, New Delhi.
12. Sengupta, R. (2001) Ecology and Economics: An Approach to Sastainable Development, Oxford University Press.
13. Singh, K. (1994) Managing Common Pool Resources: Principles and Practice, Oxford University Press.

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