

PROGRAM	Bachelors Of Commerce / Bachelors Of Commerce(Hons)
SEMESTER	V
COURSE TITLE	Environment and Resource Economics
COURSE CODE	04BC0582
COURSE CREDITS	04
COURSE DURATION	48 Hrs (48 sessions of 60 minutes each)

COURSE OUTCOMES:

- Basic concepts of ecology environment and economy
- Public good, Market failure, externalities and internalization of externalities
- Solution to environmental problems- the command and control approach, market based methods, tax tradable pollution permit, etc, carbon trading
- Sustainable development, environmental impact assessment CO
- It will be focused on Local Issues of Economic Bearing.
- Realize the importance and influence of environment on the economy including the quality of manpower.

Teaching and Examination Scheme

Teaching Scheme (Hours)			Credits	Internal Marks (50%)		End-Semester Examination (50%)			Total Marks
Theory	Tutorial	Practical		IA	CSE	Theory	Practical/Viva	Term Work (TW)	
4	0	0	4	30	20	50	0	0	100

Course Contents:

Unit No	Unit / Sub Unit	Sessions
I	INTRODUCTION TO ENVIRONMENTAL ECONOMICS Environmental issues and problems, economic way of thinking about these problems, basic concepts from economics; Pareto optimality and market failure in the presence of externalities; Property rights and other approaches.	10
II	The Design and Implementation of Environmental Policy: Overview, Pigouvian taxes and effluent fees, tradable permits, implementation of environmental policies in India and international experience; transboundary environmental problems; economics of climate change.	10
III	Environmental Valuation Methods and Applications: Valuation of non-market goods and services--theory and practice; measurement methods; cost-benefit analysis of environmental policies and regulations, N-Shaped economy.	10

IV	Concept of Poverty and Inequality: Vicious cycle of poverty, Lorenz Curve, Gini Coefficient Concept of Human Development, Human Development Index, Physical Quality of Life Index, Quality of Life Indices. Hunger Index, Happiness Index, Development and Sustainability.	10
V	International aspects of economic development: International trade, FDI, FII, Regional cooperation (SAPTA, NAFTA, SAARC, BRICS etc.) , WTO and developing countries for Environmental Economics .	08

SUGGESTED READINGS:
Text Books:

Sr. No	Author/s	Name of the Book	Publisher	Edition & Year of Publication
T-01	Bhattacharya, Rabindra Nath	Environmental Economics – An Indian Perspective	Oxford University Press	(2002)

Reference Books:

Sr. No	Author/s	Name of the Book	Publisher	Edition and Year of Publication
R-01	Jhingan, M.L & Sharma, C.K	Environmental Economics Theory Mgt & Policy,	Vrinda publications, Delhi	6 th ed. (2009)
R-02	Kolstad, Charles. D	Intermediate Environmental Economics	Oxford University Press	7 th ed. (2012)
R-03	Barro, Robert J and Xavier Sala-i- Martin	Economic Growth	The MIT Press,	Cambridge, Latest Edition.
R-04	Hendrik Van Den Berg,	Economic Growth and Development,	McGraw-Hill	International Edition, 2005