

Semester	<b>IV</b>			
Course	<b>SKILL ENHANCEMENT</b>			
Paper Code	S2EC230421T			
Paper Title	<b>Economics for Sustainable Environment</b>			
No. of Credits	<b>3</b>			
Theory / Practical / Composite	<b>THEORY</b>			
Minimum No. of preparatory hours per week a student has to devote	3			
Number of Modules	2			
Learning Outcomes	<p>1) Define key concepts in environmental economics such as externalities.</p> <p>2) Defining the concept of total economic value of the environmental goods.</p> <p>3) Studying the various methods of valuation of environmental goods for impact assessment.</p> <p>4) Understanding the different types of environmental policy instruments, including command and control policies, price based and quantity-based instruments.</p> <p>5) Critically analyzing the importance of Coasean bargaining problem in this area of study.</p> <p>6) Studying the importance of collective action in solving problems associated with environment and resource base of an economy.</p>			
Syllabus	<p><b>Module 1 (20 marks)</b></p> <p>Introduction to environmental economics: key concepts</p> <p>Valuing the environment: concept of total economic value, objective standard based valuation, subjective preference-based valuation, indirect and direct methods of environmental valuation. (Basic concepts only).</p> <p><b>No of Classes: 2</b></p> <p><b>Module 2 (15 marks)</b></p> <p>Environmental policy instruments and implementation: command and control policies, price based instruments, quantity based instruments, mixed instruments, Coasean Bargaining Problem and collective action (basic concepts only)</p> <p><b>No of Classes:1</b></p>			
Reading/Reference Lists	<ol style="list-style-type: none"> <li>1. Bhattacharya R: Environmental economics: An Indian Perspective. Oxford India Paperbacks.</li> <li>2. Charles Kolstad: (a) Intermediate Environment Economics (b) Environment economics</li> <li>3. Relevant websites.</li> </ol>			
Evaluation	Internal Assessment: 15 marks		Semester Exam: 35 marks	
Paper Structure for Theory Semester Exam	Module No	Questions to be Answered	No. of Alternatives	Marks
	1	2	3	2x10=20
	2	2	3	2x7.5=15
TOTAL = 35				