

Semester	III
Paper Number	<b>MECO4304</b>
Paper Title	<b>Environment Economics-I (Elective Paper 2)</b>
No. of Credits	6
Theory/Composite	Theory
No. of periods assigned	6
Course description/objective	Being an elective paper this paper introduces to a very important topic of Environment Economics. This is the first of the two papers to give an idea to the students about the various issues of study and concern in this area. It deals with environmental policy instruments, valuing the environment trade and the environment.
Syllabus	<p><b>Module 1(40 marks)</b> Introduction to environmental economics : key concepts, Pareto-optimality, externalities and public goods, market failure – environment as a public good. Environmental policy instruments and implementation: command and control policies in different areas e.g. water; policy design and implementation, market based instruments.</p> <p><b>Module 2 (40 marks)</b> Valuing the environment: accounting, environmental ethics, cost-benefit analysis and the environment, growth and sustainable development. The theory of environmental policy :William J. Baumol Wallace E. Oates / Cambridge University Press Trade and the environment – Free trade and environment, Pollution Haven Hypothesis, Trade- Growth- and the Environment, Green Economy and Trade: Trends, Challenges and Opportunities.</p>
Readings	<ol style="list-style-type: none"> <li>1. Nathaniel O. Keohane, Sheila M. Olmstead: Markets and the environment, Island Press</li> <li>2. Joseph E. Stiglitz and W. W. Norton : Economics of the public sector</li> <li>3. Richard L. Revesz &amp; Michael A. Livermore : Retaking rationality: how cost-benefit analysis can better protect the environment and our health, Oxford University Press</li> <li>4. Gene M. Grossman, Alan B. Krueger Economic Growth and the Environment , NBER Working Paper No. 4634</li> <li>5. Werner Antweiler, Brian R. Copeland, M. Scott</li> <li>6. Taylor(2001): Trade, growth and Environment, AER.</li> <li>7. Brian R. Copeland, M. Scott Taylor(1994): Trade and Environment” Quarterly Journal of Economics.</li> <li>8. UNEP document, 2013</li> <li>9. Bhattacharya R: Environmental economics: An Indian Perspective. Oxford India Paperbacks.</li> <li>10. TEXT: KOLSTAD: (a) Intermediate environment economics (b) Environment economics</li> </ol>
Evaluation	Continuous Internal Assessment: 20 marks End- Semester Theory Examination: 80 marks

Paper Structure for End Sem Theory	Module	No. of Questions to be Answered	No. of Alternatives	Marks
	Module 1	2	3	5 x 2 = 10
		2	3	15 x 2 = 30
	Module 2	2	3	5 x 2 = 10
		2	3	15 x 2 = 30
	Total Marks			80