

SARDAR PATEL UNIVERSITY
B.A. (Economics) Semester-1 Skill Enhancement
UA01SECO22 Environmental Economics
 (Effect from June, 2018)

Course Type	Course Code	Course Title
Skill	UA01SECO22	Environmental Economics
Objective of Course	<p>This course focuses on economic causes of environmental problems. In particular, economic principles are applied to environmental questions and their management through various economic institutions, economic incentives and other instruments and policies. Economic implications of environmental policy are also addressed as well as valuation of environmental quality, quantification of environmental damages, tools for evaluation of environmental projects such as cost-benefit analysis and environmental impact assessments. Selected topics on international environmental problems are also discussed.</p>	
		<p>Unit-1 Environmental Economics (25%)</p> <ol style="list-style-type: none"> 1.1 Introduction 1.2 What is environmental economics? 1.3 Distinction between Environmental Economics and natural Resource economics. 1.4 Social and Cultural Environment 1.5 Components of Environment
		<p>Unit-2 Sustainable Development (25%)</p> <ol style="list-style-type: none"> 2.1 Introduction 2.2 Meaning and concept of Sustainable Development 2.3 Measurement of Sustainable Development
		<p>Unit-3 Environmental Issues (25%)</p> <ol style="list-style-type: none"> 3.1 Introduction 3.2 Global Warming 3.3 Green House Effect 3.4 ACID rain 3.5 Biodiversity preservation 3.6 Deforestation and environmental problems 3.7 Water resources and environmental problems 3.8 Agricultural Development and environmental problems
		<p>Unit-4 Environmental awareness programme (25%)</p> <ol style="list-style-type: none"> 4.1 Introduction 4.2 NGO 4.3 Silent valley project 4.4 Chipko movement 4.5 Narmada Bachao movement
		<p>Unit-5 Plantation and Pollution (Self Study)</p>

Reference Books:

1. Charles Kolstad, *Intermediate Environmental Economics*, Oxford University Press, 2nd edition, 2010.
2. Robert N. Stavins (ed.), *Economics of the Environment: Selected Readings*, W.W.Norton, 5th edition, 2005.
3. Roger Perman, Yue Ma, James McGilvray and Michael Common, *Natural Resource and Environmental Economics*, Pearson Education/Addison Wesley, 3rd edition, 2003.
4. Maureen L. Cropper and Wallace E. Oates, 1992, —Environmental Economics: A Survey, *Journal of Economic Literature*, Volume 30:675-740.
5. Kolstad, C, D. (2003) *Environmental Economics*, Oxford university Press
6. મહેશ વી. જોશી, 'વિકાસ અને પર્યાવરણનું અર્થશાસ્ત્ર', અનડા પ્રકાશન, અમદાવાદ.
7. ડૉ. બી.કે.ભટ્ટ અને ડૉ. એમ.સી. પટેલ, 'પર્યાવરણ', ન્યૂ પોપ્યુલર પ્રકાશન, સુરત.
8. પ્રો. હેમંતકુમાર શાહ, 'પર્યાવરણ', નીરવ પ્રકાશન, અમદાવાદ.