

SARDAR PATEL UNIVERSITY
Programme & Subject: M.A (Economics)
Semester: III
Syllabus with Effect from: June - 2014

Paper Code: PA03EECO03	Total Credit: 4
Title Of Paper: Environmental Problems of India	

Unit	Description in detail	Weightage (%)
I	Environmental Implications of Urbanisation - Extent and trends of urbanisation in India and consequent environmental issues, suggested policy measures,	20
II	Air Pollution in India-Ambient air quality standards for various locations, sources and magnitude of air pollution, measures to control air pollution,	20
III	Households and the Environment Demand side factors in environmental degradation, role of households, consumption, energy use, use of plastics, sewerage, solid waste disposal, tourism etc, policy measures implemented and suggested.	10
IV	Land Resources in India and Environmental Impact of Use of Chemical Fertilisers and Pesticides in India - Land resources in India, optimum land use pattern and environment, extent and magnitude of land degradation, policy and operational measures to conserve land resources. Use of chemical fertiliser and pesticides on agriculture and its impact on the environment, land, water and air quality	20
V	Forest Resources in India Extent and development of forest resources in India, magnitude of deforestation and degradation, causes, policy anomalies and conflicts related to forest dwellers, forest dependent livelihoods, India's Forest Policy since independence, suggested measures to conserve and promote forestry.	10
VI	Water Resources in India Nature and development of water resources in India, environmental issues in the water sector; agriculture, industry and municipal use; management of water resources in India.	20

Basic Text & Reference Books:-

- Asian Development Bank (ADB) (2000). India: Mainstreaming Environment for Sustainable Development.
- Bhattacharya, R.N. (Ed.) (2001). Environmental Economics: An Indian Perspective, Oxford University Press.
- Kerr, John M. et al (1997). Natural Resource Economics: Theory and Applications in India, Oxford & IBH Publishing Co. Pvt. Ltd., New Delhi.
- Lesser, J.A. et al. (1997). Environmental Economics and Policy, Addison-Wesley.
- Murty, M.N., A. James and S. Mishra, (1999), The Economics of Water Pollution in India, Oxford University press, New Delhi.
- Panayatou, Theodore (1992). The Economics of Environmental Degradation: Problems, Causes and Responses.
- Green Markets: The economics of Sustainable Development. International Centre for Economic Growth, ICS Press, San Francisco.



- Pearce, D.W. and R. Kerry Turner (1993). Economics of Natural Resources and the Environment, The Johns Hopkins University Press, Baltimore, USA.
- Sankar, U. (Ed.) (2001). Environmental Economics, Oxford University Press.
- Sengupta, R.P. (2001). Ecology and Economics: An Approach to Sustainable Development. Oxford University Press, New Delhi.
- World Bank (1992). Development and the Environment- World Development Report- 1992, Oxford University Press.
- World Bank (1993), The World Development Report: Investing in Health, Oxford University Press New York.
- World Bank (1995). Economic Developments in India: Achievements and Challenges, Washington DC.
- World Resources Institute (WRI) (1993). Dimensions of Sustainable Development, in World Resources- 1992-93, Washington DC.

