

SARDAR PATEL UNIVERSITY,
Vallabh Vidyanagar.
Programme & Subject : B.A. (CBCS)
SEMESTER-II
Ability Enhancement Compulsory Course

Paper Code: UA02AENV21		Total Credit:3
Title of Paper : Environmental Science		
Unit	Description in Detail	Weight age (%)
1.	1.1 Meaning and Definition of Environment. 1.2 Classification of Environment. 1.3 Elements of Environment 1.4 Meaning of Environmental Education .	25%
2.	2.1 Concept of Eco-System. 2.2 Structure and function of Ecosystem. 2.3 Types of ecosystem. 2.4 Energy flow in Ecosystem, Ecology, Food web and Ecological Pyramid.	25%
3.	3.1 Meaning of Pollution and Pollutant and Classification of Pollutant. 3.2 Air Pollution, Major sources of Air pollution its Effects and Controlling Measures. 3.3 Water Pollution, Major sources and types of Water Pollution its Effects and Controlling Measures. 3.4 Marine Pollution, effect of Marine Pollution treatment of water, Classification of water treatment process. 3.5 Land Pollution, Meaning, Sources of Land Pollution, Effects of Land Pollution and Soil Conservation.	25%
4.	4.1 Environmental Protection Act. 4.2 Wild life Protection Act. 4.3 Forest Conservation Act. 4.4 Climate Change, Global Warming, Acid Rain, Ozone layer Depletion, Public Awareness. 4.5 Environment and Human health.	25%

Readings Books :

1. Savindra Singh, (2000): Environmental Geography. Prayag Pustak Bhavan, Allahabad.
2. Alexander, D. (1993): Natural Disasters. UCL Press Ltd, London
3. P.C Sinha ; Introduction to Disaster managements; Anmol Publication Pvt. Ltd., New Delhi.
4. Dr. N. G. Dixit (2012) Man and Environment, Arunoday Publication, Ahmadabad (Gujarati).
5. Dr. B. K. Bhatt, Dr. M.C.Patel, Dr. T.G. Gohil, Environmental Studies, New Popular Prakashan Surat. (Gujarati)
6. Mohan, Environmental Problems in 21st Century, Anmol Publication Pvt, Ltd. New Delhi.
7. P.leela krishan, Environmental low in India, Lexix Nexix, India, Mumbai