

ANNEXURE - IX

B.A. First Year Semester-I		
Type : Value Education Course (VEC)		COURSE CODE- VEC-I
Title of the Course: ENVIRONMENTAL STUDIES		
Marks: 50 (ESE 40 + Internal 10)	Credits: 02	Hrs: 30

Course Objectives

1. Promote awareness and understanding of environmental ethics and values.
2. Encourage critical thinking on the ethical implications of human interactions with the environment.
3. Facilitate the development of skills for responsible and sustainable environmental decision-making.
4. Instill a sense of personal and social responsibility towards environmental conservation and protection.

Course Outcomes

1. Develop a deepened sense of environmental stewardship and responsibility.
2. Cultivate ethical decision-making skills in relation to environmental issues.
3. Demonstrate a commitment to sustainable practices and resource conservation.
4. Foster empathy and respect towards diverse ecosystems and their inhabitant

Content of Course : ENVIRONMENTAL STUDIES

Unit - I	Introduction To Environmental Studies & Ecosystem	15 Hrs
	Environment : Meaning and Type Definition, Scope, Need and Importance of environmental studies. Celebration of various days in relation with environment. Ecosystem Concept of an Ecosystem- Ecosystem Degradation, Structure and function of an ecosystem - Producers, consumers and decomposers. Energy flow in the ecosystem – water, carbon, oxygen and nitrogen cycles.	
Unit - II	Environmental Pollution & Human Population	15 Hrs
	Definition, effects and control measures of: Air Pollution, Water Pollution, Soil Pollution, Noise Pollution, Thermal Pollution Management of environment and Govt. policies, Role of pollution control board Human Population and Environment Global population growth, variation among nations, Population explosion - Family Welfare Programmes. Environment and human health.	

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As approved by the
Bos Geography

Suggested Readings

- 1 : Agarwal KC, 2001. Environmental Biology, Nidi Publishers Ltd. Bikaner
- 2 : Bharucha Erach, 2003. The Biodiversity of India, Mapin Publishing Pvt. Ltd, Ahmedabad
- 3 : Cunningham WP, Cooper TH, Gorhani E & Hepworth MT, 2001. Environmental Encyclopaedia, Jaico Publishing House, Mumbai,
- 4 : Hawkins RE, Encyclopedia of Indian Natural History, Bombay Natural History Society, Bombay
- 5 : Jadhav H and Bhosale VM, 1995. Environmental Protection and Laws. Himalaya Publishing House, Delhi
- 6 : Mhaskar AK, Matter Hazardous, Techno-Science Publications
- 7 : Miller TG, Jr. Environmental Science, Wadsworth Publishing CO
- 8 : Odum EP, 1971. Fundamentals of Ecology. WB Saunders Co. USA,
- 9 : कोठेकर आणि सवदी , पर्यावरणीय अध्ययन, निराली प्रकाशन , पुणे
- 10 : सवदी , कोठेकर, आपले पर्यावरण , निराली प्रकाशन , पुणे
- 11 : वराट, घोलेप, पर्यावरण शास्त्र एक अभ्यास, रेणूका प्रकाशन, औरंगाबाद
- 12 : कुंभारे अरुण, पर्यावरण शास्त्र, पायल प्रकाशन पुणे
- 13 : सावंत प्रकाश, पर्यावरण भूगोल, फडके प्रकाशन, कोल्हापूर
- 14 : सवदी ए.बी. भूगोल व पर्यावरण, निराली प्रकाशन , पुणे
- 15 : भरुचा ईराच, पर्यावरण अध्ययन, ऑरीयंट लॉन्गमॅन प्रा. लि. ,नई दिल्ली









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