

Syllabus for F.Y. B. Com.
Environmental Studies

w.e.f. Academic Year 2012 - 13

OBJECTIVES:

1. *To create an environmental awareness among commerce students.*
2. *Make aware students about various environmental factors and its relation to the field of Commerce.*
3. *To highlight functional and spatial links between environment, economy and society.*
4. To create an insight into various environmental issues at various levels and environmental movements towards making environment sustainable.

Code	SEMISTER	Lectures / Tutorials	Credit
UBCOMFSI.5	I	04	03
UBCOMFSII.5	II	04	03

Environmental Studies-I

UNIT I ENVIRONMENT AND ECOSYSTEM (12 lectures)

Environment - Definition, nature, scope, components, typology. Ecology: Definition and types; Importance of environmental studies and emerging issues of development with special reference to India.

Unit II RENEWABLE AND NON-RENEWABLE RESOURCES (12 lectures)

Natural resources, definition, importance, classification, distribution patterns, conservation of water, forest, energy resources; Energy crisis and its impact: Management and mitigation. (Case study on Energy crisis)

Unit III POPULATION AND THE ENVIRONMENT (14 lectures)

Population, distribution pattern; Environment and human health; Population growth in India: Measures taken to control population growth; Carrying capacity and its relevance; Human Development - Index patterns of HDI in India. (Case studies of Human Development in various states in India)

Unit IV FOOD RESOURCES AND ENVIRONMENT (14 lectures)

Food and environment; Sources, areas of production of food in the world (Cereal, livestock, fish) and pattern of food trade; World food problem; Changes in productivity due to overgrazing and use of chemical fertilisers-pesticides; and Food security and- hunger. (Case study on malnutrition in Maharashtra)

1. Map Reading: (4 Lectures)

Located bars, Circles, Pie charts, Isopleths, Choropleth, and Flow map, Pictograms - Only reading and interpretation.

2. Map Filling: (4 Lectures)

World map-Only environmentally significant Features.

Environmental Studies-II

Unit I ENVIRONMENT AND MAN'S ACTIVITIES (14 lectures)

Secondary and Tertiary Activities - Role of transport and telecommunication technology over time and space. Factors of transport- Complementarity-Transferability-Intervening Opportunity World industries - Locational pattern and environmental problems. New Industrial policy.

Unit II ENVIRONMENT AND TOURISM (12 lectures)

Tourism as an emerging service - Factors of location, Factors of Development, Typology, challenges before India, New Tourism Policy- Accessible Tourism, Consequences of tourism. Case Study.

UNIT III ENVIRONMENTAL MOVEMENTS AND MANAGEMENT

(14 lectures)

Environmental Protection. Environmental movements in India - Green Business, Green consumption Constitutional Provisions. Environmental Management - Concept, need and relevance. Environmental Impact Assessment. Concept of ISO 14000 and 16000. Carbon Bank and Carbon Credit. Case Study.