

Revised Syllabus w. e. f. Academic Year, 2018-19
(CBCS)
FYBCOM -Environmental Studies

COURSE OBJECTIVES:

- Acquire an awareness of the environment as a whole.
- Increase an awareness of the importance of living in harmony with the environment;
- Develop an understanding of the interdisciplinary and holistic nature of the environment
- Develop knowledge and understanding of environmental issues.
- Gain a variety of experiences and acquire a basic understanding and knowledge about the environment and its allied problems.
- Implement measures for the improvement and protection of environment.

LEARNING OUTCOME:

- Acquire an attitude of concern for the environment.
- Acquire the skills for identifying and solving environmental problems.
- Apply systems concepts and methodologies to analyze and understand environmental processes.
- Create better quality environment at the place of work and home.
- Participate in improvement and protection of environment.
- Implement measures for the improvement and protection of environment.
- Interpret maps of any region and read the information shown in the map.
- Reflect critically about their roles and identities as citizens, consumers and environmental factors in a complex, interconnected world.

SEMESTER - I

UNIT1. Environment and ecosystem	13
lectures	
Environment – meaning, scope and types	
Components of environment	
Ecosystem - characteristics and Functioning of ecosystem	
Importance Environmental Studies	
 UNIT 2. Natural Resources and Sustainable Development	 13
lectures	
Natural resources –Meaning and classification of resource	
Global distribution of water, forest and energy resources	
Conservation of resources –Need and relevance – sustainable development	
Conservation of water, forest and energy resources	
 UNIT 3. POPULATION AND ENVIRONMET	 13
lectures	
Population growth in the world and arising concern	
Population growth in India – measures to control population	
Population distribution in the world	
Human Development Index and World Happiness Index	
 UNIT 4. URBANISATION AND ENVIRONMENT	 13
lectures	
Concept of urbanization	
Causes of urbanization	
Environmental consequences of urbanization	
Urban environment – sustainable solutions	
 UNIT IV PRACTICAL	
5.1 Map Reading:	(4
Lectures)	
Thematic map - Reading and Interpretation - (Cartographic techniques - Located bars, Located Circles, Isopleth, Choropleth, and Flow map)	
2) Map Filling – World Map (based on syllabus)	(4
Lectures)	

SEMESTER – II

UNIT I Agricultural and Industry – Environmental Problems and Solutions **13** **lectures**

Environmental problems associated agriculture
Sustainable agricultural practices
Environmental problems associated industry
Sustainable industry practices

UNIT II TOURISM AND ENVIRONMENT **13** **lectures**

Tourism – Meaning, Importance and Typology
Consequences of tourism – Economic, Social and Environmental
Potentials of tourism in India
Tourism – Challenges before India -New tourism policy of India

UNIT III SOLID WASTE MANAGEMENT **13** **lectures**

Solid waste - Classification – Types and sources
Impact of solid waste on Environment and Human health
Solid waste management in Mumbai – need and relevance
Schemes and initiatives by MCGM

UNIT IV ENVIRONMENTAL MANAGEMENT **13** **lectures**

Environmental management- concept, need and relevance
Application of Geospatial technology in environmental
management
Green business and Corporate Social Responsibility towards
environment
Green consumerism and Environment friendly lifestyle

Unit V Map Filling (Environmentally Significant Features)

- A. Map of Konkan
- B. Map of Mumbai