

GOGATE JOGALEKAR COLLEGE, RATNAGIRI
(Affiliated to University of Mumbai)

Revised Syllabus of Courses of B.Com.
Programme at Semester I
(FYBCom Semester – I)

with Effect from the Academic Year 2016-2017
Ability Enhancement Courses (AEC)

Environmental Studies - I
Academic Year – 2018-19

OBJECTIVES

- To create an environmental awareness among commerce students.
- Make aware students about various environmental factors & its relation to the field of commerce.
- To highlight functional & spatial link between environment, economy & society.
- To create an insight into various environmental issues at various level and environmental movements towards making environment sustainable.

Modules at a Glance

Sr. No.	Modules	No. of Lectures
1	Environment and Ecosystem	13
2	Natural Resources and Sustainable Development	13
3	Populations and Emerging Issues of Development	13
4	Urbanisation and Environment	13
5	Reading of Thematic Maps and Map Filling	08
Total		60

Module / Unit - 1

Environment and Ecosystem

- Environment: Meaning, definition, scope and its components-**
- Concept of an ecosystem : definition, Characteristics, components and types,**
- Functioning and structure-**

- Food Chain and Food Web-**

Module / Unit - 1

Environment and Ecosystem

- Ecological Pyramids –**
- Man and environment relationship-**
- Importance and scope of
Environmental Studies.**

Module / Unit - 2

Natural Resources and Sustainable Development

- Meaning and definitions –**
- Classification and types of resources,
factors influencing resource-**
- Resource conservation- meaning and methods-**
- Conventional and non-conventional resources**

Module / Unit - 2

Natural Resources and Sustainable Development

- Problems associated with and management of water, forest and energy resources-**
- Resource utilization and sustainable development**

Module / Unit - 3

Populations and Emerging Issues of Development

- Population explosion in the world and in India and arising concerns-**
- Demographic Transition Theory – pattern of population growth in the world and in India and associated problems –**
- Measures taken to control population growth in India;**

Module / Unit - 3

Populations and Emerging Issues of Development

- Human population and environment-**
- Environment and Human Health –**
- Human Development Index –**
- The World Happiness Index**

Module / Unit - 4

Urbanisation and Environment

- Concept of Urbanisation–**
- Problems of migration and**
- Urban environment-
changing land use, crowding
and stress on urban resources.**
- Degradation of air and water,**

Module / Unit - 4

Urbanisation and Environment

- Loss of soil cover**
- Impact on biodiversity,**
- Urban heat islands –**
- Emerging Smart Cities
and safe cities in India –**
- Sustainable Cities**

Module / Unit - 5

Reading of Thematic Maps and Map Filling

- Reading of Thematic Maps(4 Lectures)**
- Located bars, Circles,**
- Pie charts, Isopleths,**
- Choropleth and Flow map,**
- Pictograms –
(Only reading and interpretation.)**

Module / Unit - 5

Reading of Thematic Maps and Map Filling

□ Map Filling: (4 Lectures)

- Map filling of World
(Environmentally significant features)**
- Using point, line and polygon segment.**
- Concept and Calculation of
Ecological Footprint.**

Question Paper Pattern
Environmental Studies – I Semester – I
Max. Marks – 100 Duration – 3 hrs.
All questions are compulsory carrying 20 marks each.

Question No	Particular	Marks
Q-1	A) Reading and interpretation of world thematic maps B) Map Filling (World Map)	10 Marks 10 Marks
Q-2	A) Full Length Question B) Full Length Question OR	10 Marks 10 Marks
Q-2	A) Full Length Question B) Full Length Question	10 Marks 10 Marks
} Unit I		
Q-3	A) Full Length Question B) Full Length Question OR	10 Marks 10 Marks
Q-3	A) Full Length Question B) Full Length Question	10 Marks 10 Marks
} Unit II		
Q-4	A) Full Length Question B) Full Length Question OR	10 Marks 10 Marks
Q-4	A) Full Length Question B) Full Length Question	10 Marks 10 Marks
} Unit III		
Q-5	A) Full Length Question B) Full Length Question OR	10 Marks 10 Marks
Q-5	A) Full Length Question B) Full Length Question	10 Marks 10 Marks
} Unit IV		



Prepared by – Vinayak Shantaram Gavade. MA, B.Ed, TET, NET, SET.

- Assi. Professor Gogate Jogalekar College, Ratnagiri.