

AC: 7.7

Item No.



**Rayat Shikshan Sanstha's
KARMAVEER BHURAO PATIL COLLEGE,
VASHI,
AUTONOMOUS COLLEGE**

Sector-15- A, Vashi, Navi Mumbai -400 703

NAAC Grade "A+" with CGPA 3.53

CBCS Pattern

Program: F. Y. B.Com.

Course: Environmental Studies

Semester: I and II

**(As per Choice Based Credit System
with effect from the academic year 2020-21)**

Syllabus for F.Y.B.Com. Course in the subject of Environmental Studies
(With effect from the academic year 2020-21)

Program: B.Com.

Course: Environmental Studies

Sr. No.	Semester	Course Code	Paper Title	Credit	L/W
1	I	UGEVS 101	Environmental Studies - I	4	4
2	II	UGEVS 201	Environmental Studies - II	4	4

Syllabus for Approval

Sr. No.	Heading	Particulars
1	Title of the Course	1. Environmental Studies - I 2. Environmental Studies - II
2	Eligibility for Admission	12 th Pass
3	Passing Marks	40
4	No. of Semester	I and II
5	Level	U.G.
6	Pattern	Semester
7	Status	CBCS
8	To be implemented	From Academic Year: 2020-21

Date: _____

Signature: _____

Name of the BOS Chairman: _____

Draft Syllabus Under Autonomy
For B. Com. Programme at Semester I & II
with effect from the Academic Year 2020-21

ENVIRONMENTAL STUDIES

LEARNING OBJECTIVES:

1. To create an environmental awareness among commerce students.
2. Make students aware about various environmental elements and their 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 need for environmental management for sustainable future.

COURSE OUTCOMES: After completion of the course, learners will be able to:

1. Better understanding of relationship between environment and Commerce.
2. Awareness about various environmental issues and their implications for environment and society
3. Understanding of the need to follow sustainable agriculture and industrial practices especially in India
4. Adoption of environment friendly habits and responsible behavior in use of resources like water, electricity.
5. Students are better oriented towards Mumbai and acquire better understanding of spatial aspects of Mumbai

Modules at a Glance

Environmental Studies-I

Unit No.	Unit	Unit Wise Weightage of Marks (in %)
1	Environment and Ecosystem	12
2	Natural Resources	12
3	Population and Environment	12
4	Urbanization and Environment	12
5	Reading and Interpretation of Thematic Maps	12

<p>DEPARTMENT OF GEOGRAPHY</p> <p>ENVIRONMENTAL STUDIES-I</p> <p>F.Y.B.COM. SEMESTER: I COURSE CODE: UGEVS 101, Credits: 04</p>
--

Units	Name of the sub Topics	No of Lectures
Unit – I Environment and Ecosystem		
1.1	Environment: Meaning, definition and its components;	12
1.2	Concept of an ecosystem: definition, components and types.	
1.3	Food Chain and food Web , Ecological Pyramid	
1.4	Man and environment relationship	
Unit – II Natural Resources		
2.1	Meaning and definition; Classification and types of resources,	12
2.2	Factors influencing resource utilization	
2.3	Issues associated with and management of water, forest and energy resources	
2.4	Resource conservation – meaning and methods	
Unit – III Population and Environment		
3.1	Population growth and trend of the world and in India	12
3.2	Demographic Transition Theory and problems of population	
3.3	Global Population policy: comparison of India and China.	
3.4	Human Development Index-The World Happiness Index	
Unit – IV Urbanization and Environment		
4.1	a. Concept of Urbanization	12
4.2	b. Trends and patterns of urbanization with reference to India	
4.3	Issues of Urbanization: land use and land cover, loss of biodiversity, degradation of air and water, urban heat islands.	
4.4	Emerging smart cities and safe cities in India	
Unit – V Reading and Interpretation of Thematic Maps		
5.1	Reading and Interpretation of Thematic Maps –Isopleths, Choropleth, Flow map, Dot map, Pictograms	12
5.2	Map Filling of World (Environmentally Significant Features)	
<p>Note: 1. Blue Highlighted Topic / Course has focus on employability/ entrepreneurship/skill development</p> <p>2. Yellow Highlighted Topic / Course is related to professional ethics, gender, human values, Environment & sustainability</p>		

REFERENCES:

1. Erach Bharucha, 2010, Textbook of Environmental Studies, University Grant Commission,.
2. P.G. Shinde, et.al, 2018, Environmental Studies, Sheth Publisher Pvt. Ltd.
3. Savindra Singh, 2016, Environmental Geography, Pravalika Publication, Allahabad.
4. Vibbha Kumar, et.al, 2018, Environmental Studies, Himalaya Publisher Pvt. Ltd.
5. Baishakhi Dutta, et.al, 2018, Environmental Studies, Vipul's Publisher Pvt. Ltd.
6. Amrit & Chakraborti, et.al, 2018, Environmental Studies, Manan Publisher Pvt. Ltd.

Modules at a Glance

Environmental Studies-II

Unit No.	Unit	Unit Wise Weightage of Marks (in %)
1	Solid Waste Management	12
2	Industrial Development and Environment	12
3	Tourism and Environment	12
4	Environmental Movements and Management	12
5	Map Filling	12

<p>DEPARTMENT OF GEOGRAPHY</p> <p>ENVIRONMENTAL STUDIES</p> <p>F.Y.B.COM. SEMESTER: II COURSE CODE: UGEVS 201, Credits: 04</p>

Units	Name of the Sub Topics	No of Lectures
Unit – I Solid Waste Management		
1.1	Meaning, classification of waste, Sources of waste	
1.2	Problems of non-degradable waste, solid waste, e-waste, plastic waste	
1.3	Role of citizens in waste management in urban and rural areas	
1.4	Solid waste management in Navi Mumbai	
Unit – II Industrial Development and Environment		
2.1	Industries and their impact on resources	
2.2	Industrial development and change in land use and land cover	
2.3	Environmental issues Associated with Industries – pollution -Global warming,	
2.4	Ozone Layer Depletion , Acid rain	
Unit – III Tourism and Environment		
3.1	Meaning, Nature, Scope and importance	
3.2	Coastal tourism and their impacts (with ref. to CRZ)	
3.3	Agro tourism and their impacts	
3.4	Eco tourism and sustainable development	
Unit – IV Environmental Movements and Management		
4.1	Environmental movements in India: Save Narmada Movement, Chipko Movement, Appiko Movement, Save Western Ghats movement	
4.2	Constitutional and legal provisions in India	
4.3	Concept of Carbon Bank and Carbon Credit , ecological footprint	
4.4	Environmental impact assessment	
Unit – V Map Filling		
5.1	Map filling of Konkan and Mumbai (Environmentally significant features)	
<p>Note: 1. Blue Highlighted Topic / Course has focus on employability/ entrepreneurship/skill development</p> <p>2. Yellow Highlighted Topic / Course is related to professional ethics, gender, human values, Environment & sustainability</p>		

REFERENCES:

1. Erach Bharucha, 2010, Textbook of Environmental Studies, University Grant Commission,.
2. P.G. Shinde, et.al, 2018, Environmental Studies, Sheth Publisher Pvt. Ltd.
3. Savindra Singh, 2016, Environmental Geography, Pravalika Publication, Allahabad.
4. Vibbha Kumar, et.al, 2018, Environmental Studies, Himalaya Publisher Pvt. Ltd.
5. Baishakhi Dutta, et.al, 2018, Environmental Studies, Vipul's Publisher Pvt. Ltd.
6. Amrit & Chakraborti, et.al, 2018, Environmental Studies, Manan Publisher Pvt. Ltd

CBCS Syllabus of F.Y.B.Com. Environmental Studies, 2020-21
Rayat Shikshan Sanstha's
Karmaveer Bhaurao Patil College, Vashi
(Autonomous College)
Department of Geography
Sem. - I and II, F.Y.B.Com Environmental Studies
Evaluation Pattern

SCHEME OF EXAMINATION:

The performance of the learners shall be evaluated into two parts viz continuous Internal Evaluation and Semester End examination. In both semester internal assessment with 40% marks and semester End Examinations with 60% marks. The allocation of marks for the Continuous Internal Assessment and Semester End Examinations are as shown below:-

CONTINUOUS INTERNAL ASSESSMENT- 40 MARKS

Practical Component will ask for Internal Examination and it will be
Conducted separately

Evaluation type	Marks
Internal Evaluation	40
a. Online Examination	20
b. Workbook in Environmental Studies Sem. – I World Map Filling and Thematic Maps Sem. – II Mumbai and Konkan Map Filling	10
c. Sem. – I Assignment / Oral / PPT d. Sem.- II Making of Paper Bags and Making of things from waste out of best	10

SEMESTER END EXAMINATION- 60 MARKS

- Duration – 2 Hours for each paper.
- There shall be eight questions each question and each questions carry 15 marks.
- All questions shall be compulsory with internal choice within the questions.
- Questions shall be subdivided into sub-questions

Questions	Sub-questions	Questions	Marks
1	a) OR b)	Based on Unit – V	12
2	a) OR b)	Based on Unit – I	12
3	a) OR b)	Based on Unit – II	12
4	a) OR b)	Based on Unit – III	12
5	a) OR b)	Based on Unit – IV	12