

Devrukh Shikshan Prasarak Mandal's
NYA. TATYASAHEB ATHALYE ARTS, VED. S.R. SAPRE COMMERCE & VID.
DADASAHEB PITRE SCIENCE COLLEGE, DEVRUKH
[AN AUTONOMOUS COLLEGE AFFILIATED TO UNIVERSITY OF MUMBAI]



Syllabus for Third Year Bachelor of Arts

Program: T. Y. B. A.

Semester VI

Course: Geography

Course Code: UAGEO61

Title of the Course: Environmental Geography

Credit Based Semester and Grading System with the Effect from

Academic Year 2019-20

University of Mumbai

Revised Syllabus w.e.f. Academic Year, 2018-19 (CBSGS)

T.Y.B.A. / T.Y.B.Sc. Geography, Semester – VI, Paper: IV

Subject Title: ENVIRONMENTAL GEOGRAPHY

COURSE CODE: UAGEO61

Credit: 04

UNIT -I	Introduction to Environmental Geography		No. of Lectures
	1.1	Environmental Geography: Definition, Nature, Scope, and Importance	12
	1.2	Environment: Meaning, Factors, and Types	
	1.3	Approaches to the Study of Man – Environment Relationship	
	1.4	Changing Man - Environment Relationship in Historical Perspective	
UNIT-II	Ecosystem		12
	2.1	Meaning and Structure of Ecosystem	
	2.2	Ecological Pyramids and Productivity of Ecosystem	
	2.3	Functions of Ecosystem: Food Chain & Web, Energy Transfer, Biogeochemical Cycles	
	2.4	Types of Ecosystems: Aquatic, Terrestrial, and Aqua-Terrestrial Ecosystems	
UNIT-III	Biodiversity		12
	3.1	Biodiversity: Concept, Types, and Distribution	
	3.2	Biodiversity Hotspots: Concept, and Distribution in India with Special Reference Western Ghats	
	3.3	The threat to Biodiversity: Causes	
	3.4	Conservation of Biodiversity and Management of Biological Reserves	
UNIT-IV	Environmental Challenges in India		12
	4.1	Air pollution and Water Pollution: Causes and Effects	
	4.2	Land and Noise Pollution: Causes and Effects	
	4.3	Environmental Issues Related to High/large Dams	
	4.4	Major environmental Movements in India	
UNIT-V	Sustainable Development and Environmental Management		

	5.1	Concepts and Need of Sustainable Development and Environmental Management	12
	5.2	Eco-friendly Lifestyle and Need of Environmental Education	
	5.3	Biosphere Reserves and Wildlife Management in India	
	5.4	Environmental Impact Assessment	

Learning Outcomes

On completion of the course the student should have the following learning outcomes defined in terms of knowledge, skills and general competence:

Knowledge

The student can explain nature and scope of Geomorphology, the interior of the earth, types of rocks and minerals, plate tectonics on the earth surface and its relation with folding, faulting, volcanic eruptions and earthquakes, landforming processes with special reference to Konkan region and will understand the basics of scale, map projects, and contours.

Skills

The student can plan and carry out a geomorphological field investigation in the locality and identify the basic types of rocks and minerals in the region.

General competence

The student can apply a precise geomorphological language to describe and discuss geomorphological processes and may prepare a contour map of a region.

Required Previous Knowledge

Knowledge of fundamentals of Geography, branches of Geography, basics of units of measurement and its conversion is necessary before to start to learn the course

Access to the Course

The course is available for all the students admitting for Bachelor of Arts.

Forms of Assessment

The assessment will be external as well as internal. **The pattern of external and internal assessment will be 70:30.** The question paper pattern will be as given below.

External evaluation (70 Marks)

Question Paper Pattern

Time: 2.5 hours

Question No.	Unit/s	Question Pattern	Marks
Q.1	All	a) Complete the following sentences choosing an appropriate option given below the sentences (05) b) Write the answers in a single sentence (05).	10
Q.2	Unit-1	Attempt a question from the following (Anyone out of	12

		Two- Based on Unit I)	
Q.3	Unit-2	Attempt a question from the following (Anyone out of Two- Based on Unit II)	12
Q.4	Unit-3	Attempt a question from the following (Anyone out of Two- Based on Unit III)	12
Q. 5	Unit-4	Attempt a question from the following (Anyone out of Two- Based on Unit IV)	12
Q. 6	Unit-5	Attempt a question from the following (Anyone out of Two- Based on Unit V)	12
	Total		70

Internal evaluation (30 Marks)

Sr. No.	Description	Marks
1	Test (Preferably Online Test with Fifteen Minutes Duration- MCQ, Match the following, True or False, etc.)	10
2	Project Report/ Seminar/ Group Discussion/ Any other assignment as allocated by the teacher	10
3	Overall Conductance	10
	Total	30

Grading Scale

The grading scale used is O to F. Grade O is the highest passing grade in the grading scale, grade F is a fail. The Board of Examinations of the college reserves the right to change the grading scale.

Reference book:

- Bharucha, E. (2004): "A Textbook for Environmental Studies", University Grants Commission, New Delhi, Downloaded from <https://www.ugc.ac.in/oldpdf/modelcurriculum/env.pdf>
- Cunningham, W, and Cunnigham, M. (2017): "Principles of Environmental Science: Inquiry and Applications", McGraw Hill Education, Delhi
- Gautam, A. (2010): "Environmental Geography", Sharda Pustak Bhavan, Allahabad
- Karlekar, S. and Borges, J. (2008): "Diamond Bhugol- Paryavaran Shatra Kosh", (Marathi), Diamond Publications, Pune
- Rajagopalan, R. (2016): "Environmental Studies: From Crisis to Core", Oxford University Press, New Delhi
- Sangle, S. (2017): "Paryavaran Bhugol", (Marathi), Diamond Publications, Pune
- Saxena, H. (2017): "Environmental Geography", Rawat Publishers, Jaipur.
- Singh, S. (2017): "Environmental Geography", Prayag Pustak Bhawan, Allahabad
- Parmar and other – "Pryavaran Bhugol" Himalaya Publishing House – Mumbai 2013
- Thakur and other - – "Pryavaran Bhugol" Konkan Geographer's Publication