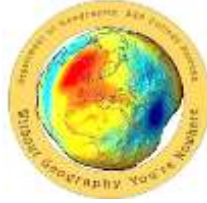




**FIRS-YEAR OF BACHELOR OF ARTS/SCIENCE
GEOGRAPHY REVISED SYLLABUS
COURSE TITLE: HUMAN GEOGRAPHY**

Semester-II, w.e.f. 2022-2023



**APPROVED BY THE BOARD OF STUDIES IN GEOGRAPHY
AND**

**FINALIZED BY THE ACADEMIC COUNCIL
Devrukh Shikshan Prasarak Mandal's**

**Nya. Tatyasaheb Athalye Arts, Ved. S. R. Sapre Commerce, and
Vid. Dadasaheb Pitre Science College (Autonomous), Devrukh.
Tal.Sangmeshwar, Dist. Ratnagiri-415804, Maharashtra, India**

Academic Council Item No: _____

Name of the Implementing Institute	:	Nya. Tatyasaheb Athalye Arts, Ved. S. R. Sapre Commerce, and Vid. Dadasaheb Pitre Science College (Autonomous), Devrukh. Tal. Sangmeshwar, Dist. Ratnagiri-415804,
Name of the Parent University	:	University of Mumbai
Name of the Programme	:	Bachelor of Arts and Bachelor of Science
Name of the Class	:	First Year
Semester	:	Second
No. of Credits	:	04
Title of the Course	:	Environmental Geography
Eligibility for Admission	:	Any 12 th Pass seeking Admission to Degree Programme in adherence to Rules and Regulations of the University of Mumbai and Government of Maharashtra
Passing Marks	:	40%
Course Type	:	Compulsory
Level	:	UG
Pattern	:	70:30
Status	:	CBSGS-Revised
To be implemented from Academic Year	:	2022-2023

**Syllabus for First Year of Bachelor of Arts/ Science Programme
in the subject of Geography**

(With effect from the academic year 2022-2023)

SEMESTER-II

Geography Paper – I: Environmental Geography

COURSE CODE: UAGEM21

Credits - 04

COURSE CONTENT			
Module No.	Content	Credits	No. of Lectures
1	<p>FUNDAMENTALS OF ENVIRONMENTAL GEOGRAPHY</p> <ul style="list-style-type: none"> ○ Definition, Meaning of Environment and Environmental Geography ○ Nature, Scope, and Importance of Environmental Geography ○ Man's Interaction with the Environment ○ Relationship Of Environmental Geography with Other Sciences <p>Skill Component:</p> <ul style="list-style-type: none"> ● Concept Of Mental Maps ● Mapping The Local Environmental Issues 	01	15
2	<p>ECOSYSTEM STRUCTURE AND FUNCTIONS</p> <ul style="list-style-type: none"> ○ Ecosystem - meaning and definition and its Structure ○ Functions: Energy flow in an ecosystem, food chains, food webs, food pyramid ○ Classification of Ecosystem detail study of Desert, Rainforest, and fresh-water lake ecosystem ○ Biogeochemical Cycles: Hydrological, Carbon, and Nitrogen <p>Skill Component:</p> <ul style="list-style-type: none"> ● Reading and Interpretation of Ecological Maps ● Finding the Local Ecosystems 	01	15
3	<p>CONTEMPORARY ENVIRONMENTAL ISSUES</p> <ul style="list-style-type: none"> ○ Pollution - Air and Water Pollution - causes, effects ○ Land and Noise Pollution - causes, effects ○ Major environmental issues - global warming, Ozone depletion, and acid rain ○ Major Environmental Movements - Save Amazon 	01	15

	<p>Forest or Green peace Movement, Chipkomovement, Save Narmada, Save Western Ghat, etc.</p> <p>Skill Component:</p> <ul style="list-style-type: none"> ○ Measuring the level of noise pollution during festivals ○ Water Quality Testing Parameters ○ Local Environmental Movement 		
4	<p>NATURAL RESOURCES AND BIODIVERSITY</p> <ul style="list-style-type: none"> ○ Natural resources - meaning, definitions, and importance ○ Types of natural resources: ○ Causes of depletion and methods/measures of natural resources conservation ○ Bio-diversity in India and its conservation <p>Skill Component:</p> <ul style="list-style-type: none"> ○ Map filling related to natural resources ○ Map reading related to natural resources ○ Determination of Local Biodiversity 		
	Total	04	60

Practical Record: A journal comprising one exercise each needs to be submitted by the student at the end of the semester.

After completing the course the learner will be able to...

Course Learning Outcome No.	Blooms Taxonomy	Course Learning Outcome
CLO-01	Remember	Remember fundamentals of environmental geography, ecosystem, biodiversity, etc.
CLO-02	Understand	Understand the patterns of the ecosystem, contemporary environmental issues, biodiversity, natural resources, etc.
CLO-03	Apply	Apply Geographical and Socio-Cultural Understandings to solve the local environment and resources related issues.
CLO-04	Analyze	Analyze the changing man-environment relationship and contemporary environmental issues.
CLO-05	Evaluate	Evaluate the success and failure of Environmental Movements.
CLO-06	Create	Create Local Environmental Movement with the view to Protecting Environment in the Region.

Required Previous Knowledge

Basics of Environment is necessary before starting to learn the course.

Access to the Course

The course is available for all the students admitted for Bachelor of Arts. The students seeking admission in Bachelor of Science may also select the course as an optional as per the policy of the University of Mumbai, the Government of Maharashtra, and the college.

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	Fill in the Blanks	14
Q.2	All	Attempt any four short notes from the following (Descriptive Knowledge-Based Question)	20
Q.3	All	Attempt any two questions from the following (Analytical Questions)	20
Q.4	All	Attempt any one question from the following (Applied Questions)	16
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	Practical Record File as mentioned in unit IV Practical Part A Or Field Project as per the instructions by the examiner	10
3	Overall Conductance	10
Total		30

Grading Scale

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

References:

- 1) Asolekar S, Gopichandran R. 2005, 'Preventive Environmental Management -an Indianperspective', CEE, Ahmedabad, Foundation Books Pvt Ltd, Daryaganj
- 2) Chambers N., Simons C., Wackernagel M., 2006, 'Sharing Nature's Interest –Ecological footprintsas an indicator of sustainability.
- 3) Cunningham W., Cunningham M., 2003, 'Principles of Environmental Science –Inquiry andApplications', Tata McGraw Hill Publication Company Ltd, New Delhi.
- 4) Doniwal H. K., 'Urban Geography', GNOSIS, Delhi, 2009.
- 5) Dresner S., 2005, 'The principles of sustainability, Earthscan Publication Ltd, London.
- 6) Gandotra V., Patel S., 2008, 'Environmental problems and strategies', Serials Publication, NewDelhi
- 7) Global Environment Outlook 3 -2002, 'Past, present and future perspectives, Unpartisan publications Ltd, London, Sterling VA.
- 8) Hulse J. H., 2007, 'Sustainable Development at risk -Ignoring the past', Cambridge University PressIndia Pvt Ltd., New Delhi.
- 9) Mohanta R., Sen A., Singh M.P., 2009, 'Environmental Education -Vol. 1', APH Publishing Corporation New Delhi.
- 10) Nellison N., Straaten J. Van D. &Klinkers L., 2001, 'Classics in Environmental Studies –an overview of texts in Environmental Studies', Kusum Publishing, Delhi
- 11) Perumal M., Veera Sekaran R., Suresh M., Asaithambi M., 2008, 'Environmental and Ecologicalissues in India', Abhijeet Publication, Delhi