

Academic Council

Item No: _____

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 Second Year Bachelor of Arts

Program: S. Y. B. A.

Course: Geography (Paper-II)

Course Code: UAGEO32

Semester III

Course Title: Physical Geography of India

Credit Based Semester and Grading System

w. e. f. Academic Year 2020-2021

Second Year of Bachelor of Arts
Revised Syllabus under Autonomy

Semester	Paper Code	Paper	Lectures /Practicals	Evaluation Weightage			Credits
				External	Internal	Total	
Semester III	UAGEO31	Geography Paper-I Introduction to Climatology	45	70	30	100	03
	UAGEO32	Geography Paper-II Physical Geography of India	45	70	30	100	03
Semester IV	UAGEO41	Geography Paper-I Introduction to Oceanography	45	70	30	100	03
	UAGEO42	Geography Paper-II Agricultural Geography of India	45	70	30	100	03

**Syllabus for Second Year of Bachelor of Arts Programme in the subject of Geography
(With effect from the academic year 2020-2021)**

SEMESTER-III

Geography Paper-II: Physical Geography of India

COURSE CODE: UAGEO32

Credits - 03

Learning Objectives

The main objectives of the course are as given below.

- The course aims to shed light on physiography, drainage system, climate, soils, and natural vegetation of India.
- The course goals to develop an integrated regional approach among students.
- The course purposes to explain spatio-temporal patterns of on physiography, drainage system, climate, soils, and natural vegetation of India.
- The course aims to develop mapping skills among the students.

Course Content

Unit-I: Introduction to India		11 lecture
1.1	India: Location , extent and significance	
1.2	India: Major physiographic divisions and their formation	
1.3	Mountainous region of India	
1.4	North Indian plains	
1.5	Peninsular plateau of India	
1.6	Coastal plains and islands of India	
Unit-II: Drainage and Climate		11 Lectures
2.1	Drainage System in India (Himalayan and Peninsular drainage system)	
2.2	Major Himalayan rivers of India	
2.3	Major Peninsular Rivers of India	
2.4	Major lakes of India	
2.5	Seasons in India	
2.6	Distribution of rainfall in India	
Unit-III: Soils and Natural Vegetation		11 Lectures
3.1	Classification of soils of India	
3.2	Problems associated with soils and its remedies in India	
3.3	Classification of Forest in India	
3.4	Importance of Forest in Indian context	

3.5	Deforestation and measures of forests conservation in India	
3.6	Use of Geospatial Technology for Forest Mapping in India	
Unit-IV: Practical Component		
4.1	Basic Elements of Maps	12 Lectures
4.2	Map filling: Showing geographical features in the Map of India	
4.3	Reading of Thematic Maps	
4.4	Drawing Point, Line and Polygon Feature on Google Earth	
4.5	Distance Measurement on Google Earth	
4.6	Demarcation of point, line and polygon features using mobile GPS	
4.7	Importing Mobile GPS Data into GIS Software	

Practical Record: A journal comprising one exercise each needs to be completed by the student.

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 will know of:

- Physiography of India and its impact;
- The distributional pattern of drainage systems in India;
- The distributional pattern of climatic condition in India;
- The distributional pattern of soils and natural vegetation in India.

Skills

Student can:

- Explain the correlation between physiography, climate, drainage, soil, and natural vegetation;
- Acquire skills of map-making and demarcation of the point line and polygon features;

General competence

The student can prepare maps to depict the drainage system, soil, forest cover, etc. in the locality.

Required Previous Knowledge

For the study of the theoretical component of the course, any previous knowledge is not required but for the practical component, the basic knowledge graph preparation is necessary.

Access to the Course

The course is available for all the students admitting for Bachelor of Arts and selected Geography as an optional subject and cleared the lower examination or eligible for the admission in the class as per the rules and regulations.

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) Fill in the Blanks- 10 marks b) Match the following- 04 marks	14
Q.2	Unit-1	Attempt any two questions from the followings a) b) c)	14
Q.3	Unit-2	Attempt any two questions from the followings a) b) c)	14
Q.4	Unit-3	Attempt any two questions from the followings a) b) c)	14
Q. 5	Unit-4	Attempt any two from the following a) b) c) d)	14
Total			70

Internal evaluation (30 Marks)

Sr. No.	Description	Marks
1	Test (Preferably Online Test with One Hour Duration- MCQ, Match the following, True or False, etc.) (30 marks will be converted into 10)	10
2	Practical Record File as mentioned in unit IV	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.

References:

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3. Dikshit, K.R.(1991): Environment, Forest Ecology and man in the Western Ghats- The Case of Mahabaleshwar Plateau, Rawat Publications, New Delhi.
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5. Khullar, D.R. (2014): India: A Comprehensive Geography; Kalyani Publishers
6. Miller, R.W. et al. (1995): Soil in Our Environment, Prentice Hall, U.S.A.
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