

AC – 20/05/2025
Item No. – 8.4 (N) Sem III 1(e)

As Per NEP 2020

University of Mumbai



Syllabus for Basket of OE	
Board of Studies in GEOGRAPHY	
UG Second Year Programme	
Semester - III	
Title of Paper -	Credits 2
I) Geography of Resources	2
II) -	-
III) -	-
From the Academic Year	2025/2026

Sr. No.	Heading	Particulars
1	Description of the course : Including but not limited to :	The course 'Geography of Resources' is an Open Elective offered in the Geography program. The course is aimed at understanding the different types of natural and human resources, their distribution, and their significance in shaping the environment and society. It also discusses the challenges and solutions related to the sustainable use and conservation of these resources. The course is designed to provide students with a comprehensive understanding of resources and their connection to geography, making it highly relevant in today's world. The course addresses some of the most pressing issues in the world today. As the global population continues to grow and natural resources become scarcer, understanding how to manage and conserve these resources has never been more important. Students learn about the different types of resources—both renewable and non-renewable—and the role they play in the economy and development of societies. The course helps students understand the significance of both natural and human resources in shaping the development of regions and countries. The application of the concepts learned in this course can be seen in various real-world contexts. Understanding the distribution of resources helps in planning and policy-making, especially in areas like urban planning, agriculture, and resource management. The course encourages students to think critically about the consequences of overexploitation of resources, helping them develop solutions that promote sustainable practices. In terms of industry demand and career prospects, the course provides students with knowledge that is highly applicable to a range of professions. As environmental concerns become more prominent in the global agenda, there is a growing demand for professionals who can address issues related to resource management, sustainability, and environmental conservation. Students who complete this course may pursue careers in environmental consultancy, government planning departments, NGOs, or international development agencies. There are also job opportunities in sectors like agriculture, forestry, urban planning, and water resource management, where the need for professionals with a solid understanding of resource geography is increasing. The course provides a strong foundation for those wishing to enter these fields,

		equipping them with the knowledge and skills to address resource-related challenges effectively.
2	Vertical :	Open Elective
3	Type :	Theory
4	Credit:	2 credits (1 credit = 15 Hours for Theory)
5	Hours Allotted :	30 Hours
6	Marks Allotted:	50 Marks
7	Course Objectives: (List some of the course objectives) 1. To understand the meaning & importance of natural resources and the distribution of resources 2. To analyse the importance of renewable and non-renewable resources 3. To understand the problems related to the physical and manmade environment. 4. To develop an interest in the conservation of natural and human Resources	
8	Course Outcomes: (List some of the course outcomes.) On successful completion of this course, students will be able to: 1. Understand the resources and importance of the geography of resources 2. Illustrate the types of resources and understand different concepts related to natural & human resources 3. Discover the meaning and types of natural resources and their conservation 4. Explain the concept of population and the density of population 5. Differentiate types of pollution and get information about the major environmental concerns.	
9	Modules:- Module 1: Natural Resources (15 hours)	
	1.1	Meaning & importance of the Geography of resources, Classification of resources, and Issues with renewable and non-renewable resources
	1.2	Need and measures for resource conservation, Sustainable use of natural resources
	1.3	Distribution of water resources and forest resources, water pollution and forest conservation
	1.4	Soil composition, Soil degradation and its conservation, Minerals classification and conservation

Module 2: Human Resources (15 hours)

2.1	Importance of population, Growth of population in India
2.2	Factors affecting on distribution of population in India
2.3	Concept of human resource: skilled and unskilled workers, Density of population in India
2.4	Concept of Over population, under population and optimum population

10 Text Books:

1. Geography of Resources: Alka Gautam
2. Environmental Geography: Alka Gautam
3. Geography of Resources – Dr. Moushumi Datta, Dr. S. A. Thakur, Dr. R. B. Patil
4. Environmental Geography – Dr. S. A. Thakur, Dr. R. B. Patil
5. संसाधनांचा भूगोल - डॉ. बलबीर सिंग, , नेगी केदारनाथ रामनाथ प्रकाशन, दिल्ली
6. पर्यावरण व्यवस्थापन - डॉ. राजाराम पाटील, राजकुमार कांबळे, , कोकण जिओग्राफर असोसिएशन ऑफ इंडिया प्रकाशन

11 Reference Books:

1. Population Geography- Debjani Roy
2. Human Geography- Majid Hussain
3. Restless Earth- National Geographic Society
4. Environmental studies- Dr. Suresh Phule
5. Environmental Geography, Dr. Sameer Butala, Dr. Rajendra Parmar
6. Disaster Management – Dr. S.A. Thakur, Dr. R.B. Patil
7. Human Geography - Dr. S.A. Thakur, Dr. R.B. Patil
8. Human Geography – Dipesh Karmarkar and Deepali Bhide
9. लोकसंख्या शास्त्र आणि लोकसंख्या शिक्षण -डॉ. एस. एन. कुलकर्णी, डॉ. सतीश श्रीवास्तव, विद्यापीठ प्रकाशन, नागपूर
10. लोकसंख्या भूगोल - डॉ. अरुण कुंभारे, मुरलीधर प्रकाशन, पुणे
11. भारताचा भौगोलिक अभ्यास - डॉ. सुरेखा पंडित बापट, , श्री. साईनाथ प्रकाशन, नागपूर
12. लोकसंख्या भूगोल, डॉ. विठ्ठल घारपुरे, पिंपळापुरे अँड कंपनी पब्लिशर्स, नागपूर
13. भारताचा आर्थिक भूगोल - डॉ. हेमंत पेडणेकर, डॉ. शिवराम ठाकूर, डॉ. राजाराम पाटील, सेट पब्लिकेशन, मुंबई
14. वस्ती भूगोल, डॉ. हेमंत पेडणेकर , डॉ. शिवराम ठाकूर , डॉ. राजाराम पाटील , कोकण जिओग्राफर असोसिएशन ऑफ इंडिया प्रकाशन
15. लोकसंख्या भूगोल - डॉ. शिवराम ठाकूर , डॉ. राजाराम पाटील, कोकण जिओग्राफर असोसिएशन ऑफ इंडिया प्रकाशन

	16. मानव भूगोल - डॉ शिवराम ठाकूर, डॉ. राजाराम पाटील, सेट पब्लिकेशन, मुंबई	
12	Internal Continuous Assessment: 40%	External, Semester End Examination Individual Passing in Internal and External Examination: 60%
13	Continuous Evaluation through: Quizzes, Class Tests, presentations, projects, role play, creative writing, assignments, etc.(at least 3) Internal Continuous Assessment of 20 Marks 1. One Assignment/Project work/Case study /Presentation /Seminar /Field visit report/Book review, etc., to be conducted in the given semester before the semester-end examination. (Marks – 10) 2. One online/ offline class test (Marks – 5) 3. Active participation in regular class instructional deliveries and fieldwork. & Overall conduct as a responsible learner, mannerism and articulation and exhibit of leadership qualities in organizing environment-related activities (Marks – 5)	Semester-End Examination of 30 Marks 1. This examination shall be of a 1-hour duration. Maximum marks 30. 2. There shall be two questions, each of 15 marks. 3. All questions shall be compulsory with internal choice within the questions. (Each question will be of 15 marks with options.)
14	Format of Question Paper: for the final examination Q. 1. Based on Modules 1 & 2 (15 Marks) Q. 2. Based on Modules 3 & 4 (15 Marks)	

Sd/-

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Board of Studies in
Geography

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