Shivaji University, Kolhapur
B. A. / B. A. B. Ed. Part-II
Semester - III
Minor I: Resource Geography (Geography) as per NEP 2020

Name of the Programme	**:**	B. A. / B. A. B. Ed. (Geography)
Class	**:**	B.A.-II/ B. A. B. Ed.-II
Semester	**:**	III
Name of Vertical Group	**:**	Minor I
Course Code	**:**	BAU0325MNL322C01
Course Title	**:**	Resource Geography
Total Credit	**:**	04
Workload	**:**	04 credit X 15 Hours = 60 hours in semester
Duration	**:**	Semester
Medium of instruction	**:**	Marathi / English
Eligibility of Admission	**:**	As per eligibility criteria prescribed by the University
Examination of Pattern	**:**	80:20, The pattern of examination will be Semester End Examination with Internal Assessment / Evaluation.
Nature of Question Paper	**:**	As per Shivaji University rules and regulations

Preamble:

Resource Geography is one of the important branches of human-environment interaction studies. It focuses on the spatial distribution, utilization, and management of natural and human resources. At present the world is facing unprecedented environmental and developmental challenges. In order to ensure sustainability and equity it is very essential to understand resource dynamics.

This syllabus is designed to introduce students to the fundamental concepts and scope of Resource Geography. It offers a solid foundation in the classification, significance, and geographic approach to studying resources. This syllabus explores major resource types through highlighting their spatial patterns, utilization, and associated challenges.

Recognizing the urgent need for sustainability, this syllabus equips students with knowledge of conservation techniques and the principles of balanced resource use. It emphasizes practical strategies such as rainwater harvesting, afforestation, and community-based management systems like Joint Forest Management. To bridge theory with practice, this syllabus focuses on resource planning in the Indian context, highlighting national strategies and successful grassroots initiatives. By exploring programs such as Jal Shakti Abhiyan, PM-KUSUM, and the Soil Health Card Scheme.

The course aims to foster analytical thinking, environmental responsibility, and policy awareness among students, preparing them to contribute to sustainable development and resource governance.

General Objectives of the Course:

1. To impart foundational knowledge of Resource Geography by explaining its meaning, nature, classification, and importance. (Remembering & Understanding)
2. To develop analytical skills for understanding the distribution, utilization, and associated problems of key resources such as water, forest, land, and human. (Analyzing)
3. To promote awareness and critical thinking about sustainable resource development and conservation techniques, including practical approaches like watershed management and afforestation. (Evaluating)
4. To encourage students to plan and suggest innovative strategies for resource planning in India by studying government programs and community-based models like Hiware Bazar and ZBNF. (Creating)

Course Outcomes:

After completing this course, students will be able to:

1. CO1 (Remembering & Understanding): Define Resource Geography and explain its scope, classification, and importance.

2. CO2 (Applying): Illustrate and interpret the patterns of distribution, utilization, and issues associated with water, forest, land, and human resources.

3. CO3 (Analysing & Evaluating): Analyse conservation techniques and assess the effectiveness of sustainable development practices like JFM, rainwater harvesting, and ZBNF.

4. CO4 (Creating): Propose integrated resource planning solutions based on Indian models (e.g., Hiware Bazar) to achieve sustainable development goals

Scheme of Teaching and Examination:

The Scheme of teaching and examination should be given as applicable to the course / paper concerned)

B. A. / B. A. B. Ed. part –II

Sr. No.	Subjects/Course & Credit	Teaching (Theory) Hours per week				Examination scheme (Marks)		
1	Resource Geography - 4	L	T	P	Total	Theory	Term Work	Total (Semester)
		04	04	---	04	80	20	100

Scheme of Examination:

- The examination shall be conducted at the end of each semester year.
- The theory course shall carry 100 marks.
- The evaluation of the performance of the student in theory course shall be on the basis of semester theory examination of 80 marks.
- The evaluation of the performance of the student in theory course shall be on the basis of semester internal evaluation of 20 marks.
- Question Paper will be set in the view of the / in accordance with the entire syllabus and preferably covering each Module of syllabi.

Standard of Passing:

(As prescribed under rules & regulation for each diploma / degree / programme)

Nature of Question Paper:

- The student's examination and evaluation methods are as per the guidelines of the Shivaji University, Kolhapur.
- Internal evaluation should be based on Group Activity / Case Study

Modules: Resource Geography				
Module No.	**Module Name**	**Sub-Module**	**No. of Hours**	**Credits**
1	**Introduction to Resource Geography**	1.1 Meaning and Definition of Resource Geography 1.2 Nature and Scope of Resource Geography 1.3 Classification of Resources 1.4 Importance of Resource Geography	15	01
2	**Major Resources**	2.1 Water: Distribution, Utilization and Problems 2.2 Forest: Types, Utilization and Problems 2.3 Land Resources – Land Cover and Land Use Patterns and Degradation 2.4 Human: Distribution and Problems	15	01
3	**Sustainable Resource Development**	3.1 Concept of Sustainable Resource Development 3.2 Water Conservation Techniques – Rainwater Harvesting & Watershed Management 3.3 Forest Conservation Strategies – Afforestation & Joint Forest Management (JFM) 3.4 Sustainable Human Resource Development	15	01
4	**Resource Planning in India**	4.1 Need for Sustainable Resource Planning in India 4.2 Strategies – Jal Shakti Abhiyan, National Afforestation Programme & PM-KUSUM 4.3 Practices – Water Budgeting (Hiware Bazar Model) & Social Forestry,	15	01

		4.4 Agricultural and Natural Resource Management: Organic Farming, Zero-Budget Natural Farming (ZBNF) & Soil Health Card Programme		

Suggested Readings

1. **Guha, J.L. & Chattarjee, P.** (2001). *Economic and Resource Geography*. Calcutta: MacDonald & Co.
2. **Zimmermann, E.W.** (1951). *World Resources and Industries*. Harper & Row Publishers.
3. **Cutter, S.L. et al.** (2002). *Explaining Differences in Vulnerability to Environmental Hazards*. Social Science Quarterly.
4. **Miller, G.T.** (2004). *Sustaining the Earth: An Integrated Approach*. Thomson Brooks/Cole.
5. **Singh, R.L.** (1976). *Readings in Resource Geography*. Varanasi: Kalyani Publishers.
6. **Blaikie, P., & Brookfield, H.** (1987). *Land Degradation and Society*. Methuen.
7. **United Nations Development Programme (UNDP)** – *Reports on Sustainable Development Goals (SDGs)*.
8. **Government of India Publications** – *Reports from Ministry of Environment, Forest and Climate Change (MoEFCC)* and *NITI Aayog*.
9. **Majid Husain** (2012). *Environment and Ecology: Biodiversity, Climate Change and Disaster Management*. McGraw Hill.
10. **Savindra Singh** – *Environmental Geography*. Prayag Pustak Bhawan.
11. **डॉ. विठ्ठल घारपुरे** – साधन*संपत्ती भूगोल*, पिंपाळपुरे अँड कं. पब्लिशर्स, नागपूर.
12. **डॉ. शशिकांत गोरे** – *संपत्ती भूगोल*, नंदिनी पब्लिकेशन, पुणे.
13. **प्रा. भालचंद्र देशमुख** – *संपत्ती व पर्यावरण भूगोल*, विजय पब्लिकेशन, औरंगाबाद.
14. **प्रा. वसंत नलावडे** – *संपत्ती भूगोलाचे मूलतत्त्व*, डायमंड पब्लिकेशन, पुणे.
15. **प्रा. रमेश जाधव** – *मानव व नैसर्गिक संपत्ती भूगोल*, पॉप्युलर प्रकाशन, मुंबई.
16. **प्रा. विजय पाटील** – *संपत्ती व पर्यावरणीय नियोजन*, जे. जे. पब्लिकेशन, कोल्हापूर.
17. **भारत सरकार** – *जलशक्ती अभियान, वनीकरण योजना, मृदा आरोग्य पत्रिका यासंबंधी अहवाल* (सरकारी प्रकाशने व संकेतस्थळे).