

Shivaji University, Kolhapur
B. A. / B. A. B. Ed. II
Geography
Semester IV
Major V: Physical Geography of Maharashtra as per
NEP 2020 (2.0)

Name of the Programme	:	B. A. / B. A. B. Ed. (Geography)
Class	:	B. A. / B. A. B. Ed.-II
Year of Implementation	:	Revised Syllabus will be implemented from June, 2025 onwards.
Semester	:	IV
Name of Vertical Group	:	Major V and Minor-II
Course Code	:	BAU0325MML322D05
Course Title	:	Physical Geography of Maharashtra
Total Credit	:	04
Workload	:	04 credit (4 X 15 Hours) 60 hours in semester
Duration	:	The course shall be a full time course
Medium of instruction	:	Marathi / English
Eligibility of Admission	:	As per eligibility criteria prescribed by the University
Examination Pattern	:	80:20, The pattern of examination will be Semester End Examination with Internal Assessment / Evaluation.

Preamble

This course on "Physical Geography of Maharashtra" provides a comprehensive understanding of Maharashtra's physiography, including its physical structure, climate, soil, forests, rivers, and mineral resources. The course aims to foster an appreciation of Maharashtra's unique geographical features and the challenges it faces in managing its natural resources sustainably. It also emphasizes the interrelationship between geography, natural resources, and human activities to encourage informed decision-making for regional development.

Objectives

1. To introduce the geographical, political, and administrative context of Maharashtra, highlighting its formation and development.
2. To analyse the physiography, climate, and seasonal variations in Maharashtra, emphasizing their impact on human life and activities.
3. To study the river systems and water bodies in Maharashtra, focusing on sustainable utilization.

4. To explore the types, distribution, and conservation of soil, forests, and biodiversity in Maharashtra.

Course Outcomes

- Knowledge of Maharashtra's Geography:** Students will gain a detailed understanding of Maharashtra's location, its formation, physiographic division, and climatic conditions.
- Application of Geographical Knowledge:** Students will be able to analyse and propose solutions to regional challenges such as floods, droughts, and energy shortages, contributing to sustainable development.
- Water Resource Management Skills:** Students will understand the geographical distribution and management of river and water bodies for proper utilization of water in Maharashtra.
- Sustainability Awareness:** Students will develop insights into issues like soil degradation, deforestation, biodiversity and its loss, along with strategies for their mitigation.

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)		
		L	T	P	Total	Theory	Term Work	Total (Semester)
1	Physical Geography of Maharashtra - 4	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 Oral

Modules: Physical Geography of Maharashtra				
Module No.	Module Name	Sub-module	No. of hours	Credit
1	Introduction to Maharashtra	1.1 Origin of the word "Maharashtra" 1.2 Changing map of Maharashtra 1.3 Location and extent of Maharashtra 1.4 Administrative divisions of Maharashtra	15	01
2	Physiography and Climate of Maharashtra	2.1 Theories of physiographic formation of Maharashtra 2.2 Physiographic division: Konkan, Western Ghats, Maharashtra Plateau 2.3 Seasons of Maharashtra: Types and characteristics 2.4 Trewartha's Climatic regions of Maharashtra	15	01
3	River Systems and water bodies in Maharashtra	3.1 East Flowing river system in Maharashtra 3.2 West Flowing river system in Maharashtra 3.3 Flood issues in Maharashtra 3.4 Dams and Reservoirs in Maharashtra		
4	Soil and Forest in Maharashtra	4.1 Types and Distribution of soil in Maharashtra 4.2 Soil degradation and reclamation measures in Maharashtra 4.3 Types and distribution of forest in Maharashtra 4.4 Deforestation and conservation in Maharashtra	15	01

Suggested Readings

1. महाराष्ट्राचा भूगोल, सुभाष पाटील, डायमंड पब्लिकेशन, 2020.
2. पर्यावरण भूगोल आणि जैवविविधता, डॉ. सुभाष कदम, सुभाष पब्लिकेशन, 2019.
3. नद्या आणि जलसंपत्ती व्यवस्थापन, दिलीप गायकवाड, डायमंड पब्लिकेशन, 2021.
4. महाराष्ट्राचा भूगोल, के. ए. खतोब, के. सागर, 2022.
5. महाराष्ट्राचा भूगोल, संजय पगार व इतर, निराली प्रकाशन, 2018.
6. महाराष्ट्राचा भूगोल, ए. बी. सवंदी, निराली प्रकाशन, 2018.
7. महाराष्ट्राचा भूगोल, श्रीकांत कार्लेकर, डायमंड प्रकाशन, 2014.
8. Geography of Maharashtra, S.N. Patil, Himalaya Publishing House, 2019.
9. Physical Geography of Maharashtra, A.V. Deshpande, Popular Prakashan, 2018.
10. Environmental Geography and Biodiversity of Maharashtra, R.P. Kulkarni, Oxford University Press, 2020.
11. Water Resource Management in Maharashtra, N.B. Jadhav, Sage Publications, 2021.
12. Geography of Maharashtra, Jaymala Diddee, S. R. Jog, Rawat Publications, 2002.