

**Savitribai Phule Pune University, Pune**  
**B.A. (Geography) as per NEP 2020**

<b>Name of the Programme</b>	:	B.A (Geography)
<b>Class</b>	:	F.Y.B.A
<b>Semester</b>	:	I
<b>Name of Vertical Group</b>	:	Main Subject
<b>Course Code</b>	:	GEO-101-T
<b>Course Title</b>	:	Introduction to Physical Geography
<b>Type of course</b>	:	Theory
<b>Total Credits</b>	:	02
<b>Workload</b>	:	(15 hours/credit) 2 credits x 15 hours = 30 hours in semester

**Objectives of the Course:**

1. To acquaint students with basic principles of Physical Geography
2. To introduce the processes and patterns in the atmosphere, hydrosphere and lithosphere.
3. To develop scientific insights into dynamics of the earth system.

**Topics and Learning Points**

<b>Topic No</b>	<b>Topic Name</b>	<b>Sub Topic</b>	<b>No. of Hours</b>
1.	Introduction to Physical Geography	i. Introduction, definition and branches of Geography ii. Definition and Branches of Physical Geography iii. Nature, Scope and importance of Physical Geography	08
2	Lithosphere	i. Interior of the Earth - Structure and Composition ii. Wegener's Continental Drift Theory	06
3.	Atmosphere	i. Concept of weather and climate. ii. Composition and structure of the atmosphere iii. Factors affecting horizontal distribution of the temperature	08
4.	Hydrosphere	i. General structure of ocean floor ii. Movements of ocean water a. Tides- meaning, causes and types	08

**Course Outcome:**

**By the end of this course, student will be able to:**

- CO 1** : Understand fundamental concepts, theories and approaches of Physical Geography
- CO 2** : Recognize functions of complex interactive earth systems.
- CO 3** : Demonstrate scientific explanation of physical processes of the atmosphere, hydrosphere and lithosphere.
- CO 4** : Describe diverse human activities in changing natural environment.

## References:

1. Dayal P., (1996), Text Book of Geomorphology, Shukla Book Depot, Patna.
2. Kale V.S. and Gupta A., (2015), Introduction of Geomorphology, University Press, Kolkata.
3. Lal, D. S., (1998), Climatology, Chaitanya Publishing House, Allahabad.
4. Kale V.S. and Gupta A., (2001), Elements of Geomorphology, Oxford Univ. Press.
5. Monkhouse F.J., (1951), Principles of Physical Geography, McGraw Hill Pub - New York.
6. Singh Savindra., (2000), Physical Geography, Prayag Pustak Bhavan, Allahabad.
7. Singh Savindra., (2000), Oceanography, Prayag Pustak Bhavan, Allahabad.
8. Husain, M., (2001), Fundamentals of Physical Geography, Rawat Publication, Jaipur.
9. Siddhartha, K., (2001), The Earth's Dynamic Surface, Kisalaya Publications Pvt. Ltd, New Delhi.
10. Lutgens, F.K. and Tarbuck, E.J., (2007), The Atmosphere, Pearson Prentice Hall, New Jersey.
11. Bergwan, Edward E., (1995), Human Geography: Culture, Connections and Landscape, Prentice-Hall, New Jersey.
12. Fellman, J.L., (1997), Human Geography-Landscapes of Human Activities. Brown and Benchman Pub., U.S.A.
13. Johnston, R.J., (1994), Dictionary of Human Geography, Blackwell, Oxford.
14. Chandna, R.C., (2000), Geography of Population: Concepts, Determinants and Patterns, Kalyani Publishers, New Delhi.
15. वाणी, बी.के. आणि पाटील एन.एम., (२०२०), प्राकृतिक व मानवी भूगोल, अथर्व प्रकाशन, जळगाव.

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