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Accredited By NAAC
New Syllabus For
Bachelor of Arts
Part – I (Semester I & II)

GEOGRAPHY

(Subject to the modifications to be made from time to time)
Syllabus to be implemented from June 2013 onwards.

Shivaji University, Kolhapur

Revised Syllabus For

Bachelor of Arts Part –I Semester I Geography

1. TITLE: Geomorphology

Optional under the Faculty of Science

2. YEAR OF IMPLEMENTATION: - Revised Syllabus will be implemented from

June 2013 onwards.

3. PREAMBLE:-

The faculty of science is a three years integrated course. At B.A part –I class Physical Geography; a basic branch of geography has been introduced. In this branch the study of physical features of the Earth and climate have been included. With this study, students get idea of relief features and climate. This Study is important from the view point of area planning and development . Students will be trained for the area planning for the development purpose. The student studying physical Geography will work as good administrators.

4. GENERAL OBJECTIVES OF THE PAPER/:

- i) Students should know the fundamental branches of Geography in general and Geomorphology and Climatology in particular.
- ii) Students should get acquainted with the Geomorphological and climatological Concepts.
- iii) Students should know the basis of Human development by studying these Physical branches of geography

5. DURATION:

- The course shall be a full time course.

6. PATTERN:-

Pattern of Examination will be Semester.

7. MEDIUM OF INSTRUCTION:

The medium of instruction shall be English or Marathi. (as applicable to the course/programme concerned.)

8. STRUCTURE OF COURSE - -----

FIRST YEAR (NO.OF PAPERS - 2)

Sr.No.	Subjects	Marks
1.	Geomorphology	50
2.	Climatology	50

9. SCHEME OF TEACHING

[The scheme of teaching and examination should be given as applicable to the course/paper concerned.]

FIRST YEAR**Teaching Scheme**

Sr. No.	Subject /Paper	(Hrs/Week)		
		Theory	Practical	Total
1	Geomorphology	04	--	04
2	Climatology	04	--	04

13. SCHEME OF EXAMINATION:-

- Question Paper will be set in the view of the /in accordance with the entire Syllabus and preferably covering each unit of syllabi.

14. STANDARD OF PASSING:-

As Prescribed under rules & regulation for each degree/programme.

15. EQUIVALENCE IN ACCORDANCE WITH TITLES AND CONTENTS OF PAPERS-

(FOR REVISED SYLLABUS)

Sr. No.	Paper No.	Old Title	Paper No.	New Title
1	I	Introduction to Geomorphology	I	Geomorphology
2	II	Introduction to Climatology	II	Climatology

REVISED SYLLABUS FOR

B.A. Part I GEOGRAPHY (Introduced from June 2013 onwards)

Semester-I Paper-I

Title of Paper -**Geomorphology**

No. of Lectures

Unit 1: <u>Introduction to Geomorphology</u>	08
1.1) Definition, nature and scope.	
1.2)Significance of Geomorphology	
1,3) Recent trends in Geomorphology .	
Unit 2: <u>The Earth Crust</u>	15
2.1) Characteristics of Land and water distribution.	
2.2) Wegner's theory of continental drift.	
2,3) Plate Tectonic theory.	
Unit 3: <u>Dioastroaphic movements.</u>	17
3.1)Endogenetic andExogenetic forces and their effects.	
3.2) Earthquakes: causes, effects, and distribution.	
3.3)Volcanoes: causes, effects, and distribution.	
Unit 4: <u>Weathering and Erosion.</u>	20
4.1) Weathering: Meaning and Types.	
4.2) Concept of cycle of Erosion.	
4.3) Erosional and depositional features of River and Wind.	

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- 2) Clyton. K. (1986) - 'Earth Crust' Adus Brooks London.
- 3) Davis W.M. (1909) - 'Geographical Essay' Ginnia Co.
- 4) Garland G.D. (1966) - 'Continental Drift' Uni. of Torontp press- Canada.
- 5) Hodgson J.H. (1964) - 'Earthquakes and Structure' Prentice Hall inc.
- 6) Dayal P (1946) - 'A text book of Gemorphology' Shukla Book Depot Patana.
- 7) Kale V.A & Gupta (2001) - 'Elements of Geomorphology' Oxford Uni. Press.
- 8) Pitty A.F. (1971) - 'Introduction of Geomorphology' Adus Brooks London.
- 9) Strahler A.N. (1968) - 'Physical Geography' Easten P. Ltd. New Delhi.
- 10) Steers J.A. (1958) - 'Earth Crust' Adus Brooks London.
- 11) Monkhouse (1951) - 'Principle of Physical Geography' Mc Graw Hill Pub-New York.
- 12) Wegner A. (1924) - 'The Origin of Continents and Oceans' Mathhen & Co. Ltd. London.
- 13) Wooldridge & Morgan (1966) - 'An Outline of Gemorphology' Longman London.
- 14) Savindersingh (1998) - 'Physical Geography' Prayag Pub. Allahabad.
- १७) घारपूरे विठ्ठल (२००३)- भूरूपशास्त्र (दूसरी आवृत्ती) पिंपळापूरे प्रकाशन, नागपूर.
- १८) घारपूरे विठ्ठल (२००१)- प्राकृतिक भूगोलाची मूलतत्वे पिंपळापूरे प्रकाशन, नागपूर.
- १९) घारपूरे विठ्ठल (२००४)- हवामानशास्त्र (दूसरी आवृत्ती) पिंपळापूरे प्रकाशन, नागपूर
- २०) . तावडे मो. द. - प्राकृतिक भू विज्ञान, म. वि. ग्रंथ नि. मंडळ. नागपूर.
- २१) . तावडे मो. द - भूरूपशास्त्र, म. वि. ग्रंथ नि. मंडळ. नागपूर.
- २२) . दात एस. पी. - प्राकृतिक भू विज्ञान, विद्या प्रकाशन. नागपूर.
- २३) . पवार सी. टी, आडसूळ इ. - प्राकृतिक भू विज्ञान, सप्रेम प्रकाशन. कोल्हापूर.
- २४) गुप्ते एम.जी., तावडे एम.डी. - प्राकृतिक भू विज्ञान, म. वि. ग्रंथ नि. मंडळ. नागपूर.
- २५) केचे, सवदी (१९९६)- भूमिस्वरूपे निराली प्रकाशन, पुणे.
- २६) सवदी, कोळेकर पी.एस. (२००४)- प्राकृतिक भूगोल निराली प्रकाशन, पुणे.
- २७) खतीब के. ए. - प्राकृतिक भूगोल मेहता प्रकाशन, पुणे.
- २८) सारंग सुभाशचंद्र - प्राकृतिक भू विज्ञान विद्या प्रकाशन, नागपूर.
- 29) Majid Hussain (2001) - 'Principals of physical Geography' 'Rawat; Publication- Jaipur.

B.A. Part I GEOGRAPHY (Introduced from June 2013 onwards)

Semester-II Paper-II

Title of Paper - **Climatology**

	No.of Lectures
Unit 1: <u>Atmosphere.</u>	10
1.1) Composition and structure of atmosphere.	
1.2) Weather and its elements.	
1.3) Climate- factors affecting the climate.	
Unit 2: <u>Insolation and Atmospheric pressure.</u>	20
2.1) Insolation: solar constant, Heat balance of the Earth.	
2.2) Distribution of Temperature: Horizontal, Vertical, Inversion of Temperature,Range of Temperature.	
2.3) Formation of Pressure Belts.	
2.4) Shifting of Pressure Belts on Earth.	
Unit 3: Winds, <u>Humidity</u> and precipitation.	20
3.1) Winds: Planetary, and Monsoon winds .	
3.2) Types of Humidity.	
3.3) Forms of Condensation and types of Precipitation	
Unit 4 : <u>Practical (only theory) .</u>	
4.1) Isoline:Defination, Characters and its types	10
4.2) Isobaric Patterns : , Cyclone , Anti Cyclone, Wedge, Col	
4.3)Weather instruments: Principle, mechanism and function of following Instruments - Thermograph, Barograph , cup anemometer and Rain gauge.	

REFERENCES

- 1) Barry R.G. & Chorley (1985) - 'Atmosphere, weather climate' ELBS Pub.
- 2) Garland G.D. (1966) - 'Continental Drift' Univ. of Toronto press- Canada.
- 3) Strahler A.N. (1968) - 'Physical Geography' Eastern P. Ltd. New Delhi.
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- 6) Triwartha G.T. (1980) - 'An Introduction to climate' Tata Mc. Gran Hill Pub London.
- 7) Griffith J.F. - 'Applied Climatology'
- 8) घासपूरे विठ्ठल (२००३) - भूरूपशास्त्र (दूसरी आवृत्ती) पिंपळापूरे प्रकाशन, नागपूर.
- 9) घासपूरे विठ्ठल (२००९) - प्राकृतिक भूगोलाची मूलतत्वे पिंपळापूरे प्रकाशन, नागपूर.
- 10) घासपूरे विठ्ठल (२००४) - हवामानशास्त्र (दूसरी आवृत्ती) पिंपळापूरे प्रकाशन, नागपूर
- 11). तावडे मो. द. - प्राकृतिक भू विज्ञान, म. वि. ग्रंथ नि. मंडळ. नागपूर.
- 12). तावडे मो. द - भूरूपशास्त्र, म. वि. ग्रंथ नि. मंडळ. नागपूर.
- 13) दाते एस. पी. - प्राकृतिक भू विज्ञान विद्या प्रकाशन. नागपूर.
- 14) पवार सी. टी, आडसूळ इ. - प्राकृतिक भू विज्ञान सप्रेम प्रकाशन. कोल्हापूर.
- 15) गुप्ते, तावडे - प्राकृतिक भू विज्ञान, म. वि. ग्रंथ नि. मंडळ. नागपूर.
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- 18) खतीब के. ए. - प्राकृतिक भूगोल मेहता प्रकाशन, पुणे.
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- 21) Barry R. J. and Chorley. P.J.: Atmosphere, weather and Climate, Routeledge London and New York, 1998.
- 22) Chritchfield J.H.: General climatology, Printic Hall, India, New Delhi -1993.
- 23) Hussain M.: Climatology and Oceanography.
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- 27) Thompson R D. and Perry A.: Applied Climatology, principles and practice Routeledge, London 1997.
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