

Ahmednagar Jilha Maratha Vidya Prasarak Samaj's

**New Arts, Commerce and Science College, Ahmednagar
(Autonomous)**

(Affiliated to Savitribai Phule Pune University, Pune)



Choice Based Credit System (CBCS)

Bachelor of Arts (B. A.) Geography

Syllabus of

F. Y. B. A. Geography

Implemented from

Academic Year 2021 -22

Ahmednagar Jilha Maratha Vidya Prasarak Samaj's
New Arts, Commerce and Science College, Ahmednagar
(Autonomous)

Board of Studies in Geography

Sr. No.	Name	Designation
1.	Dr. Anand P. Pandit	Chairman
2.	Prof. Bhagwan N. Kumbhar	Member
3.	Prof. Yogesh G. Kadam	Member
4.	Professor Dr. Sachin J. Deore	Academic Council Nominee
5.	Dr. Pandurang P. Chaudhari	Academic Council Nominee
6.	Prof. Sandip N. Deshmukh	Vice-Chancellor Nominee
7.	Dr. Asaram S. Jadhav	Alumni
8.	Mr. Vinit T. Bitla	Industry Expert
9.	Dr. Madhukar S. Kasture	Member (co-opt)
10.	Dr. Satish D. Kulkarni	Member (co-opt)
11.	Dr. Digambar D. Ahire	Member (co-opt)

1. Prologue/ Introduction of the programme:

Students enrolled in the program complete a curriculum that exposes and trains students in a full range of essential skills and abilities. They will have the opportunity to master the following objectives. Geography mainly concerns changes in spatial attributes in a temporal perspective, this programme in geography is tailored to meet the students' specific educational and professional goals in mind. It focuses on spatial studies, qualitative as well as quantitative, and emphasizes on human-environment relationship. During the first year of the programme, the students are trained on advanced concepts of physical and human geography. From second year students are allowed to concentrate on specific areas of the subject, on which they complete their field and survey reports. After completing the course, the students will be amply prepared for professional careers in geography and allied disciplines like GIS and Remote Sensing. They will be able to pursue M.A. /M.Sc. degree in Geography.

The syllabus tries to give equal importance to the two main branches of Geography: Physical and Human. The principal goal of the syllabus is to enable the students to secure a job as well as acquire adequate geographical knowledge at the end of the undergraduate programme. Keeping this in mind and in tune with the changing nature of Geography, adequate emphasis is concentrated on applied aspects of the subject such as emerging techniques of mapping and field-based data generation. The syllabus emphasizes on development of basic skills of the subject.

2. Programme outcomes (POs) (B.A. Geography)

1. Students will understand the physical and human features exist over the earth and interrelationship among them.
2. The ability of observation and survey skills will develop among students through study tours and field visits.
3. Student will understand and evaluate different geographical theories and principles and able to correlate them with actual scenario.
4. Students will analyze the various disasters and able to apply disaster management strategies to minimize disasters and their effects.
5. Students will learn advanced techniques of geographical analysis like Geographical Information System, Remote Sensing and Global Positioning System and their applications.

3. Programme Structure and Course Titles

Sr. No.	Class	Semester	Course Code	Course Title	Credits
1.	F. Y. B. A	I	BA-GEO 101 T	Physical Geography	03
2.	F. Y. B. A	II	BA-GEO 201 T	Human Geography	03
3.	S. Y. B. A	III	BA-GEO 301 T	Elements of Climatology	03
4.	S. Y. B. A	III	BA-GEO 302 T	Physical Geography of Maharashtra	03
5.	S. Y. B. A	III	BA-GEO 303 P	Scale and Map Projection	03
6.	S. Y. B. A	III	BA-GEO 304 T	Introduction to Geographical Information System- I	02
7.	S. Y. B. A	IV	BA-GEO 401 T	Elements of Oceanography	03
8.	S. Y. B. A	IV	BA-GEO 402 T	Human Geography of Maharashtra	03
9.	S. Y. B. A	IV	BA-GEO 403 P	Cartography, Surveying and Field Visit	03
10.	S. Y. B. A	IV	BA-GEO 404 T	Introduction to Remote Sensing - I	02
11.	T. Y. B. A	V	BA-GEO 501 T	Disaster Management - I	03
12.	T. Y. B. A	V	BA-GEO 502 T	Physical Geography of India	03
13.	T. Y. B. A	V	BA-GEO 503 P	Techniques of Spatial Analysis - I	03
14.	T. Y. B. A	V	BA-GEO 504 T	Introduction to Geographical Information System- II	03
15.	T. Y. B. A	V	BA-GEO 505 T	Travel and Tourism - I	03
16.	T. Y. B. A	VI	BA-GEO 601 T	Disaster Management - II	03
17.	T. Y. B. A	VI	BA-GEO 602 T	Human Geography of India	03
18.	T. Y. B. A	VI	BA-GEO 603 P	Techniques of Spatial Analysis– II	03
19.	T. Y. B. A	VI	BA-GEO 604 T	Introduction to Remote Sensing– II	03
20.	T. Y. B. A	VI	BA-GEO 605 T	Travel and Tourism - II	03

**Ahmednagar Jilha Maratha Vidya Prasarak Samaj's
New Arts, Commerce and Science College, Ahmednagar
(Autonomous)**

**Syllabus of F. Y. B. A. Geography
(Under Faculty of Arts and Humanities)**

Semester -I	Paper -I
Course Code: BA-GEO 101 T	Title of the Course: Physical Geography
Credits: 03	Total Lectures: 45 Hrs

Course Outcomes:

1. Students will well aware about the basic concepts of Physical geography.
2. Students will understand concepts and theories in Physical geography.
3. Students recognize relationship between pressure belts and wind system.
4. Students will understand the relationship between the lithosphere, atmosphere, biosphere and hydrosphere.
5. Students will able to understand concepts related to hydrosphere.

Detailed Syllabus:

Unit I: Introduction to Physical Geography (12)

- 1) Geography & its Branches
- 2) Definitions of Physical Geography
- 3) Nature and scope of Physical Geography
- 4) Branches of Physical Geography
- 5) Earth system - Lithosphere, Atmosphere, Hydrosphere and Biosphere

Unit II: Lithosphere (09)

- 1) Interior of the Earth – Problems, Sources and Inferred knowledge of the Interior Structure of the Earth
- 2) Wegener's Continental Drift Theory
- 3) Theory of Plate Tectonics

Unit III: Atmosphere (12)

- 1) Structure of the atmosphere
- 2) Heat Budget of the Earth
- 3) Pressure belts and wind system
- 4) Forms and types of Precipitation

Unit IV: Hydrosphere (10)

- 1) Hydrological cycle
- 2) General structure of ocean floor
- 3) Waves and Tides

Unit V: Field Visit (02)

- 1) Field visit for observations geographical places and landforms.

Suggested Readings:

1. Clyton K., (1986): Earth Crust, Adus Book, London.
2. Davis W. M., (1909): Geographical Essay, Ginnia Co.
3. Dayal P., (1996): Text Book of Geomorphology, Shukla Book Depot, Patna.
4. Kale V.S. and Gupta A., (2001): Elements of Geomorphology, Oxford Univ. Press.
5. Kale V.S. and Gupta A., (2015): Introduction of Geomorphology, University Press, PVT Kolkata.
6. Monkhouse, (1951): Principle of Physical Geography, McGraw Hill Pub – New York.
7. More, Pagar & Thorat (2014): Elements of Climatology & Oceanography, (Marathi), Atharv Publication, Pune
8. Pitty A. F., (1974): Introduction to Geomorphology, Methuen London.
9. S Mukherjee (1996): Understanding Physical Geography Through Diagrams, Orient Blackswan (Pvt) Ltd
10. Singh Savindra, (2000): Physical Geography, Prayag Pustak Bhavan, 20-A, University Road, Allahabad – 211002.
11. Steers J. A., (1964): The Unstable Earth Some Recent Views in Geography, Kalyani Publishers, New Delhi.
12. Swaroop Shanti, (2006): Physical Geography, King Books, Nai Sarak, Delhi –110006.

13. Wooldridge S. W. and Morgan R. S., (1959): The Physical Basis of Geography and Outline of Geomorphology, Longman Green and Co. London.
14. मोरे पगार आणि थोरात (२०१९): प्राकृतिक भूगोल, निराली प्रकाशन, पुणे.
15. चव्हाण, साळुंके, नजन, सोनवणे आणि मंडलिक (२०१९): प्राकृतिक व मानवी भूगोल, प्रशांत प्रकाशन, जळगाव.

**Ahmednagar Jilha Maratha Vidya Prasarak Samaj's
New Arts, Commerce and Science College, Ahmednagar
(Autonomous)**

**Syllabus of F. Y. B. A. Geography
(Under Faculty of Arts and Humanities)**

Semester -II	Paper -I
Course Code: BA-GEO 102 T	Title of the Course: Human Geography
Credits: 03	Total Lectures: 45 Hrs

Course Outcomes:

1. Students will well aware about the basic concepts of human geography.
2. Students will understand the Demographic Transition Theory and basic concepts related to population with special reference to India.
3. Students will acquaint the knowledge of types and patterns of rural settlement.
4. Students will recognize the concept of urbanization with special reference to Maharashtra and India.
5. Students will understand the types and factors affecting on agriculture and recognize the problems of Indian agriculture.

Detailed Syllabus:

Unit I: Introduction to Human Geography (12)

- 1) Definitions of Human Geography
- 2) Nature and scope of Human Geography
- 3) Branches of Human Geography
- 4) Importance of Studying Human Geography

Unit II: Population (12)

- 1) Factors affecting on distribution and density of population
- 2) Concepts of Birth rate and Death rate
- 3) Theory of demographic transition
- 4) Composition of Indian population - Age, Gender and literacy

Unit III: Settlements (10)

- 1) Types and patterns of rural Settlements
- 2) Concept of Urbanization
- 3) Urbanization in India and Maharashtra

Unit IV: Agriculture (11)

- 1) Types of Agriculture
- 2) Factors affecting on Agriculture activity
- 3) Problems of Indian agriculture

Suggested Readings:

1. Bhende & Kanitkar (2011): Principles of Population studies, Himalaya Publishing House.
2. Chandana R.C. (1988): Geography of Population, Kalyani Pub. Ludhiana.
3. Chandna, R.C. (2010): Population Geography, Kalyani Publisher.
4. Daniel, P.A. and Hopkinson, M.F. (1989): The Geography of Settlement, Oliver & Boyd, London.
5. Ghosh B.N. (1985): Fundamentals of Population Geography, Sterling Publishers.
6. Hassan Mohammad, (2005): Population Geography, Rawat Publication.
7. Hassan, M.I. (2005): Population Geography, Rawat Publications, Jaipur.
8. Hussain M. (2018): Human Geography, Rawat Publication.
9. Johnston R; Gregory D, Pratt G. et al. (2008): The Dictionary of Human Geography, Blackwell Publication.
10. Jordan-Bychkov et al. (2006): The Human Mosaic: A Thematic Introduction to Cultural Geography. W. H. Freeman and Company, New York.
11. Jyotiram More and Musmade Arjun, (2015): Regional Geography of India. Diamond Publication Pune.
12. Kaushik, S.D. (2010): Manavi Bhugol, Rastogi Publication, Meerut.
13. Maurya, S.D. (2012): Manavi Bhugol, Sharda Pustak Bhawan. Allahabad.
14. Mishra & Puri (2004): Indian Economy, Himalaya Publishing House.
15. Money D.C. (1968): Introduction to Human Geography, HarperCollins Distribution Services.

16. Musmade Arjun, Sonawane Amit and Jyotiram More, (2015): Population & Settlement Geography, Diamond Publication Pune.
17. Perillouav (1986): Human Geography.
18. Perpillou A.V. (1986): Human Geography, Longman, London.
19. Robinson H. (1978): Human Geography, Macdonald & Evans Ltd.
20. S. Mukherjee (1996): Understanding Physical Geography through Diagrams, Orient Black swan (Pvt) Ltd.
21. Sawant S.B. and Athavale A. S. (1994): Population Geography, Mehta publishing house, Pune.
22. Singh, Gopal (1999): Mapwork & Practical Geography.
23. Singh, R.Y. (1998): Geography of Settlement.
24. Sudeepta Adhikari (2016): Orient Black swan PVT, New Delhi.
25. Sumitra Ghosh (2015): Introduction of Settlement Geography. Orient Black swan PVT Kolkata.
26. चव्हाण, साळुंके, नजन, सोनवणे आणि मंडलिक (२०१९): प्राकृतिक व मानवी भूगोल, प्रशांत प्रकाशन, जळगाव.
27. सवदीआणि कोळेकर (२०१९): मानवी भूगोल, निराली प्रकाशन, पुणे.