



Karmaveer Bhaurao Patil University, Satara

(State Public University)

Rayat Shikshan Sanstha's
Chhatrapati Shivaji College, Satara

Accredited By NAAC with 'A+' Grade

B.A.-Part-I
Semester I
GEOGRAPHY

B. A. Program in Geography at Major Level
(Syllabus to be implemented from June 2023-24 onwards)

NEP 2020



Rayat Shikshan Sanstha's,
Chhatrapati Shivaji College, Satara (Autonomous)
(A Constituent College of Karmaveer Bhaurao Patil University, Satara)

National Education Policy-2020

Title of the Paper and Subject Code

B.A. Part-I Geography

(Syllabus to be implemented from June 2023-24)

B.A. (Geography) : Semester –I					
Sr	SEM	Com	Course Code	Course Title	Cr.
1	Sem-I	Major	MMGEO01101	Geomorphology P-I	4
2	Sem-I	Major	MMGEO01102	Human Geography Part-I P-II	2
3	Sem-I	OE	OEGEO01101	Fundamentals of Tourism	4
4	Sem-I	VSC	VSCGEO01101	Introduction to Cartography	2
5	Sem-I	SEC	SECCEO01101	Fundamentals of Land Surveying	2
6	Sem-I	AEC	AECENG01101	English for Communication P-A	2
7	Sem-I	IKS	IKSGEO01101	Ancient Indian Geographer	2
8	Sem-I	VEC	VECGEO01101	Environment Consciousness	2
9	Sem-I	CC	CCNCC01101	NCC P-I	2
			CCMLS01101	Military Science P-I	
			CCNSS01101	NSS P-I	
			CCSAF01101	Sport and Fitness P-I	
			CCAA01101	Applied Arts P-I	
			CCPA01101	Performing Arts Paper-I	
			CCFIA01101	Fine Arts P-I	
			CCMUS01101	Music P-I	
			CCYED01101	Yoga Education P-I	
			CCVVV01101	Vivek Vahini P-I	
			CCHAW01101	Health and Wellness P-I	
Cum Cr					22

MMHIS01101 – MM-Major Mandatory, GEO-Geography, 01-BA Program Code, 1-Semester, 01-Paper Number



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Department of Geography
National Education Policy (NEP) 2020
B. A. Part -I, Semester-I (Geography)
GEOGRAPHY- (MAJOR SUBJECT)

Paper: I GEOMORPHOLOGY

Course Code- MMGEO01101 Credit-04
(Syllabus to be implemented from June, 2023 onwards)

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Preamble: The faculty of science is three years integrated course. At B.A part –I class Geomorphology; a basic branch of physical geography has been introduced. In this branch the study of physical features of the Earth have been included. With this study, students get idea of relief features, interior of the earth, Endogenetic forces, denudation etc. 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.

Course Objectives: To enable the student-

1. To understand the meaning, definition, nature, scope, various branches and importance of geomorphology.
2. To describe the origin of the continents and oceans.
3. To explain comprehensive knowledge about the earthquake and volcano.
4. To analyze the concept of denudation, weathering process and types of weathering.
5. To evaluate the fluvial process and landforms associated with it.
6. To get acquainted with the Geomorphological Concepts.

Course Outcomes:

- CO1: Explain the definition, branches, various concept and importance of geomorphology.
- CO2: Giving the description of the origin of the earth, continent and ocean.
- CO3: Examine the knowledge about the interior of the earth, earthquake and volcano.
- CO4: Understand the concept of denudation.
- CO5: Adopt the knowledge about process and types of weathering.
- CO6: Discuss with the fluvial process and landforms associated with it.

Expected Skills impartation (Through theory and Practical)

1. Understanding skills
2. Evaluative skills
3. Interpretation skills
4. Analytical skill

B.A. Part-I Semester: I

Geography Major Paper : I
Course Code : MMGEO01101
Title of the Paper : Geomorphology

Sr. No.	Content	Description of Credit	Periods	CoS
1	Unit 1: Introduction to Geomorphology 1.1 Meaning and Definition of Geomorphology 1.2 Nature & Scope of Geomorphology 1.3 Significance of Geomorphology 1.4 Recent trends in Geomorphology	1	15	1 & 4
2	Unit 2: Earth Crust 2.1 Characteristics of land and water distribution 2.2 Interior of the Earth 2.3 Wegener's theory of Continental Drift 2.4 Plate Tectonic Theory	1	15	2 & 3
3	Unit 3 : Earth Movement 3.1 Meaning & Types of Earth Movement 3.2 Impact of Earth Movement 3.3 Earthquake: Causes, Consequences & Distribution 3.4 Volcano : Causes, Consequences & Distribution	1	15	3
4	Unit 4: Denudation 4.1 Meaning and Definition of Weathering 4.2 Types of Weathering 4.3 Erosional & Depositional Landforms of River 4.4 Cycle of Erosion	1	15	4,5 & 6

Practical work: Case Study / Field Survey / Field Visit / Project

1. Group Discussion any topic / field visit – 1. Nearby River to see the erosion and depositional landforms 2. Local Weather Station
2. Home Assignment

Reference Books

1. Allaby, Michael (2008): Oxford Dictionary of Earth Science, Oxford University Press, New York.
2. Briggs, K. (1985): Physical Geography Process and System, Hodder and Stoughton, London.

3. Dayal, P. (1996): A Textbook of Geomorphology, Shukla Book Depot, Patna.
4. Fairbridge, R.W., ed. (1968): Encyclopaedia of Geomorphology Reinhold, New York.
5. Moor, W.G. (1949): A Dictionary of Geography, Penguin Books, England.
6. Morgan, R.S. & Wooldridge S.W (1959): Outline of Geomorphology the Physical basis of Geography, Longmans Green, London.
7. Robinson, Harry (1969): Morphology and Landscape, University Tutorial Press Ltd. London.
8. Singh, Savindra (1998): Geomorphology, Prayag Pustak Bhavan, Allahabad.
9. Spark, B. W. (1986): Geomorphology, Longman, London.
10. Strahler, A.N (1969): Physical Geography. John Wiley & Sons Inc., Newyork.
11. Thornbury, W.D. (1969): Principles of Geomorphology, Wiley Eastern Ltd. New Delhi.
12. Worcester, P. G. (1948): Textbook of Geomorphology, Princeton, D. Van, Nortran
13. दाते सु. प्र., संजीवनी दाते (१९९५): प्राकृतिक भूविज्ञान, रावल पब्लिकेशन, सातारा
14. दाते सु.प्र., दाते संजीवनी, डोईफोडे एच. के (२००२): प्राकृतिक भूविज्ञान, अनिरुद्ध पब्लीशिंग हाउस, पुणे
15. खतिब के.ए. (२०११): प्राकृतिक भूगोल, संजोग प्रकाशन, कोल्हापूर
16. सवदी ए. बी., कोळेकर पी.एस. (२००४): प्राकृतिक भूगोल, निराली प्रकाशन, पुणे
17. सारंग सुभाषचंद्र (१९९६): प्राकृतिक भूविज्ञान, विद्या प्रकाशन, नागपूर
18. सावंत प्रकाश (२००४): प्राकृतिक भूगोल, फडके प्रकाशन, कोल्हापूर
19. मगर जयकुमार (१९९२): भूरुपशास्त्र, विद्या प्रकाशन, नागपूर

Medium of Instruction: English

Special instructions, if any: English

Library and laboratory equipment's:

Reference Books (Departmental Library)



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Department of Geography
National Education Policy (NEP) 2020
B. A. Part -I, Semester-I (Geography)
GEOGRAPHY MAJOR SUBJECT
Paper: II HUMAN GEOGRAPHY-I
Course Code- MMGEO01102 Credit-02
(Syllabus to be implemented from June, 2023 onwards)

Preamble:

Human geography is a branch of systematic geography. Human geography as second major branch of geography focuses on the study of people and their social groups, cultures, economies, and interactions with the environment by studying their relations in spatiotemporal perspective. It focuses on understand processes about human populations, settlements, economics, transportation, recreation and tourism, religion, politics, social and cultural traditions, human migration, agriculture, and urbanization. The importance of human geography is its ability to study the earth in ways that allow us to better understand how humans can create a more sustainable planet, save biodiversity, and so forth. This paper intends to acquaint the students with various dimensions of human geography.

Course Objectives: To enable the student-

1. To understand definition, nature, scope and branches of Human Geography.
2. To describe the factors affecting on the distribution of population.
3. To explain the theory of population growth and demographic transition theory.
4. To examine the concept of migration, types of migration, causes of migration and consequences of migration.

Course Outcomes: After studying the course the student will be able to...

- CO1: Explain the various dimensions of Human Geography.
CO2: Analyze the factors affecting on population distribution.
CO3: Evaluate the population growth theory and demographic transition theory.
CO4: Invent the causes of migration.

Expected Skills impartation (Through theory and Practical)

1. Understanding skill
2. Evaluative skill
3. Interpretation skill
4. Critical thinking skill

5. Analytical skill.

B.A. Part-I
GEOGRAPHY PAPER: II, SEMESTER- I
Course Code- MMGEO01102 TITLE OF THE PAPER: HUMAN GEOGRAPHY

Sr. No.	Content	Description of Credit	Periods	CoS
1	Unit:1: Introduction to Human Geography 1.1 Meaning and Definition of Human Geography 1.2 Nature of Human Geography 1.3 Scope of Human Geography 1.4 Branches of Human Geography	1	15	1 & 2
2	Unit:2: Population 2.1 Factors affecting on distribution of World population 2.2 Malthus Theory of Population Growth 2.3 Demographic Transition theory 2.4 Migration: Types, Causes and Effects	1	15	3 & 4

Practical work: Case Study / Field Survey / Field Visit / Project

1. Field visit to migrated settlement or people.
2. Home Assignment

Reference Books

1. Bhende, A. and Kanitkar, T. (2015): "Principles of Population Studies", Himalaya Publishing House, Mumbai
2. Chandna, R. C. (2016): "Geography of Population: Concepts, Determinants and Patterns", Kalyani Publishers, Ludhiana
3. Dikshit, R. D. (1997): "Geographical Thought: A Contextual History of Ideas", PHI Learning Private Limited, Delhi
4. Hussain, M. (2011): "Human Geography", Rawat Publications, Jaipur
5. Johnson R. J. & Others (1983) : The Dictionary of Human Geography, Blackwell England

6. Siddhartha, K. and Mukherjee, S. (2016): "Cities, Urbanization and Urban Systems", Kitab Mahal, Delhi
7. Singh, L. R. (2009): "Fundamentals of Human Geography", Sharada Pustak Bhavan, Allahabad
8. Singh, R. Y. (2002): "Geography of Settlements", Rawat Publications, Jaipur
9. धारपुरे वलठुल (२०००): डानवी डूगुल, डुडुललडुरे आणल कंडनी, नागडूर
10. खतीव के.ए. (२०१ॢ): डानवी डूगुल, डेहता डुकसेलर्स, कुलुहाडूर
11. खतीव के.ए. (२०२१): लुकसंखुडल डूगुल, डेहता डुकसेलर्स, कुलुहाडूर
12. सावंत डुरकाश (२०१ॡ): डानवी डूगुल, डडके डुरकाशन, कुलुहाडूर
13. सारंग सुडुलषकंड्र (१९९७): डानवी डूवलडूडान, वलडुडल डुरकाशन नागडूर
14. सवडी ए.डी.व कुलुकेकर डुी. एस. (२००ॢ): डानवी डूगुल, नलराली डुरकाशन, डुणे
15. ससडुडी डुरवीण, डगदलळे उतुतडुरलव (२००ॢ): डानवी डूगुल, डलडडंड डडुलकेशन, डुणे
16. डवलर सी.डी., आडसूळ आर.एस, डलडील टी.डुी. व डुले एड.एम. (१९९७): डानवी डूगुल, सडुरेड डुरकाशन, कुलुहाडूर

Research Journals-

1. Demography
2. Demographic research
3. Population studies
4. Landscape and spatial planning

Additional readings:

1. डुडूडनल
2. डललुहा डनगणनल अहवल
3. डललुहा सलडलडलक क आरुथलक सडललुकन
4. डललु डनस रलतुडुड डुल डलल डुडर

Medium of Instruction: Marathi / English

Special instructions, if any: Marathi

Library and laboratory equipment's:

Reference Books (Departmental Library)



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Department of Geography
National Education Policy (NEP) 2020
B. A. Part -I, Semester-I (Geography)
GEOGRAPHY- Open Elective (OE)
INTRODUCTION TO TOURISM
Course Code- OEGEO01101 Credit – 04
(Syllabus to be implemented from June, 2023 onwards)

Preamble: Tourism occurs in places, it involves movement and activities between places and it is an activity in which both place characteristics and personal self-identities are formed, through the relationships that are created among places, landscapes and people. Tourism geography is the study of travel and tourism, as an industry and as a social and cultural activity. Tourism geography covers a wide range of interests including the environmental impact of tourism, the geographies of tourism and leisure economies, answering tourism industry and management concerns and the sociology of tourism and locations of tourism. All of us are part and parcel of the earth's environment. We will act as responsible citizens and participate proactively in all tourism activity to preserve the natural and cultural environment and leave for future generations in its nativeness.

Course Objectives: To enable the student-

1. To familiarize the students with aspects of tourism which have a relation with the subject matter of Geography.
2. To orient the students to the logistics of tourism industry and the role of tourism in regional development.
3. To understand the impact of tourism on physical and human environments.
4. To familiarize the students with local, regional and national tourism.

Course Outcomes:

- CO1: Explain fundamental concept of travel and tourism.
CO2: Understand the factors affecting tourism development.
CO3: Understand the classification basis of tourism and tourism planning.
CO4: Know the impact of tourism and eco-tourism.

Expected Skills impartation (Through theory and Practical's)

1. Understanding skill
2. Evaluative skill
3. Analytical skill
4. Critical thinking

B.A. PART – I
Open Elective (OE), SEMESTER – I
Course Code- OEGEO01101 TITLE OF THE PAPER : INTRODUCTION TO TOURISM

Sr. No.	Contents	Distribution of Credit	Period	CoS
1	Unit –1 Nature and Scope of Tourism 1.1 Definition of tourism and tourist. 1.2 Historical background of tourism. 1.3 Nature of tourism. 1.4 Scope of tourism.	1	15	1
2	Unit – 2 Impact of Tourism 2.1 Impact of tourism on economy. 2.2 Impact of tourism on socio-cultural aspects. 2.3 Impact of tourism on Environment. 2.4 Other impacts.	1	15	2&3
3	Unit-3 Classification of tourism Classification on the basis of – 3.1 Nationality and Time of travel. 3.2 Number of tourist and Purpose. 3.3 Mode of transportation and Season. 3.4 Nature of tourism.	1	15	4
4	Unit-4 Recent Trend in Tourism 4.1 Agro-Tourism. 4.2 Eco-Tourism. 4.3 Adventure Tourism. 4.4 Health Tourism.	1	15	5&6

Practical work: Case Study / Field Survey / Field Visit / Project

1. Group Discussion any topic / Field Visit to any tourism site / Field visit to any eco-tourism center.
2. Home Assignment.

Reference Books:

1. Bhatia A.K.: International Tourism.
2. Bhatia A.K.: Tourism Development.
3. Dev Manoj: India – A Tourist Paradise.
4. Dhar Pramnath: Development of Tourism and Travel Industry.
5. Gupta V.N.: Tourism in India.
6. Negi Jagmohan: Tourism Development and Resource Conservation.
7. Pearce Douglas: Tourism Development.

8. Robinson R.: Geography of Tourism.
9. Sharma K.C.: Tourism : Policy, Planning strategy.
10. Seth Pran: Enlessful Tourism Management.
11. Sinha P.C.: Tourism Marketing.
12. Singh Shawni: Principles of Indian Tourism.
13. Singh S.N.: Geography of Tourism and Recreation.
14. Singh Ratandeeep : Tourism Today Vol. 1, Tourism Today Vol. 2, Tourism Today Vol. 3.
15. शिंदे एस. बी. : पर्यटन भूगोल
16. घारपुरे व्ही. टी. : पर्यटन भूगोल, पिंपळापुरे अँड पब्लीशर्स, नागपूर, 2003.
17. Geography of Tourism – Distance Education Department, Shivaji University, Kolhapur.

Research Journals:

1. Tourism Management
2. Annals of Tourism Research
3. Journal of Hospitality and Tourism Management
4. Annals of Tourism Research Empirical Insights
5. International Journal of Tourism Research

Additional Reading:

1. Google Search
2. Red Cross Society official website
3. United Nations official website
4. WHO official website
5. www. tripadvisor.com
6. www. expedia.com
7. Daily news

Medium of Instruction: Marathi / English

Special Instructions, if any: Marathi

Library and Laboratory equipment's

Reference Books (Departmental Library)



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Department of Geography

National Education Policy (NEP 2020)

B. A. Part -I, Semester-I (Geography)

GEOGRAPHY- Vocational Skill Course (VSC)

Paper: I-Title of Paper: Introduction to Cartography

Course Code- VSCGEO01101 Credit – 02

(Syllabus to be implemented from June, 2023 onwards)

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➤ **PREAMBLE:**

Cartography is the most important part of Geography. The present syllabus of this paper includes nature, scope, historical development and importance of cartography, study of maps and their types, map projections, surveying, S.O.I. Topomaps, I.M.D. weather maps, and introduction to modern techniques like computer, G.I.S., G.P.S. etc. In the process of development of science and technology, the changing nature of subject will make aware to the students about the modern technologies used in cartography. This will further help to improve the use of cartographic techniques and methods in teaching.

➤ **COURSE OBJECTIVES:**

- 1) To define the basic principles and concept of cartography
- 2) To explain the purposes and importance of cartography in various fields
- 3) To create a basic map using appropriate cartographic techniques and software
- 4) To develop innovative map visualization techniques to represent complex spatial data
- 5) To design a comprehensive map for a specific application

➤ **COURSE OUTCOMES:**

The students will be able to

- **CO1:** Demonstrate a foundational understanding of cartography principles and concepts

- **CO2:** Apply the techniques and principles of map making and designing for map creation
 - **CO3:** Utilize advanced cartographic tools and technologies to create interactive digital maps
 - **CO4:** Employ appropriate cartographic techniques and software to create maps for different purposes
 - **CO5:** Compare and contrast different map types, their advantages and limitations
- **Expected Skills Impressions (Thought. Theory and Practices)**
1. Students will develop the ability to analyse and interpret various types of maps
 2. Students will acquire the skills to create visually appealing and effective maps
 3. Students will develop the ability to create thematic maps that visually represent and analyze spatial patterns
 4. Students will learn to effectively communicate complex geographic information through clear and concise map design

B.A. PART – I

Vocational Skill Course (VSC), SEMESTER – I

Paper: I-Title of Paper: - Introduction to Cartography Course Code- VSCGEO01101

Sr. No.	CONTENT	Credit	Period	CoS
1	Module: 1. Nature and Scope of Cartography 1.1 Meaning and Definitions of Cartography 1.2 Nature and Scope of Cartography 1.3 Branches of Cartography 1.4 Importance of Cartography	01	15	1 & 2
2	Module: 2. Representation of Earth's surface 2.1 The shape and size of the Earth 2.2 Globe and system of Coordinates 2.3 Elements of Maps and Expression of scale of Map 2.4 Types of Maps based on scale and purpose	01	15	3, 4 & 5

➤ **REFERENCE BOOKS:**

1. Robinson, A.H., Morrison, J.L., Muehrcke, P.C., Kimerling, A.J. & Guptill, S.C. (2015). Elements of Cartography.
2. Dent, B.D., & Torguson, J.S. (2018). Cartography: Thematic Map Design. McGraw-Hill Education.
3. Slocum, T.A., McMaster, R.B., Lessler, F.C., & Howard, H.H. (2008) Thematic Cartography and Geo-visualization (3rd ed.). Pearson.
4. Kraak, M.J., & Ormeling, F.J. (2019). Cartography: Visualization of Spatial Data (4th ed.). Esri Press.
5. डॉ. कुंभार अर्जुन (१९९४). प्रात्यक्षिक भूगोल, सुमेरू प्रकाशन, डोंबिवली.
6. प्रा. खतीब के.ए. (२०१३). समग्र प्रात्यक्षिक भूगोल, संजोग प्रकाशन, कोल्हापूर.
7. प्रा. व्हटकर, पी.आर., डॉ. माने-देशमुख, आर.एस., डॉ. पाटील ए.एस. (२०१६). नकाशाशास्त्र, प्ररूप प्रकाशन, कोल्हापूर



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National Education Policy (NEP 2020)
B. A. Part -I, Semester-I (Geography)
GEOGRAPHY- Skill Enhancement Course (SEC-I)

Paper: I FUNDAMENTALS OF LAND SURVEYING
Course Code- SECGEO01101 Credit-02
(Syllabus to be implemented from June, 2023-24 onwards)

Preamble: The course in land Surveying promotes skill development among students through practical training. A successful completion of the course will develop trained man-power and will open wide job opportunities and career building in private and public sectors, information bureau services in GO's, NGO's, construction industry, GPS industry. Land Surveying is an important view point of geography students. It has been introduced to B.A. Part-I class.

In the current changing global scenario, there is more demand and scope for professionally trained graduate. To meet this challenge, starting of need based, skill enhancing and career oriented courses facilitate job, self-employment and empowerment of the students. Keeping in view the need for developing trained man-power, promoting scientific temper, technological application and creating job opportunities the course in Land Surveying has been proposed for the undergraduate students.

Course Objectives: To enable the student –

1. To introduce the students a new technology of Land Surveying.
2. To categorize the surveying.
3. To offer practical training of land surveying and land record to the students and make them surveying experts.
4. To generate job opportunities in the corporate and government sector.

Course Outcomes: After studying the course the student will be able to ...

CO1: Introduce a new technology of Land Surveying.

CO2: Analysis the aims about database for surveying and mapping.

CO3: Explain comprehensive knowledge about the land surveying and various land record.

CO4: Invent the job opportunities in the corporate and government sector.

Expected Skills Impartation (Through theory and practical`s):

1. Understanding skill
2. Measuring Skill

3. Life skills
4. Analytical Skill

GEOGRAPHY 2023 NEP

B.A. PART -I
GEOGRAPHY PAPER: I, SEMESTER- I
Skill Enhancement Course (SEC-I)

Course Code- SEC GEO01101

TITLE OF THE PAPER:

FUNDAMENTALS OF LAND SURVEYING -I

Sr. No	Contents	Distribution of Credit	Periods	CoS
1	Unit 1: Introduction to Land Surveying 1.1. Meaning, Definition and Uses of Surveying 1.2. Land Surveying: Concept and Causes 1.3. Types of Land Measurement, Alteration of land 1.4. Purchase and Sell of land, Allotment of land	1	15	CO1 & CO2
2	Unit 2: Land Record 2.1. Introduction of Land Record Department 2.2. Land Record: Land Ownership and Terms 2.3 Record of land Right: 7/12, Uses of 7/12, Reading of 7/12, 2.4. Revenue Department and Duties of Revenue officer	1	15	CO3 & CO4

Practical work: Case Study / Field Survey / Field Visits / Project 1. Group Discussion on any topic/field visit to Land Record Department- District/Tahsil Level, Apps/websites Related to land 2. Home Assignment	CO1-4
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Reference Books.

1. Charles D. Ghilani, Paul Richard Wolf (2008): Elementary Surveying: An Introduction to Geomatics, Prentice Hall,
2. Kanetakar T.P. & Kukarni S.V. 1986. Surveying & leveling, Pune
Vidyarthi Griha Prakshan, Pune
3. V. Natarajan P., Adler Ron K. Advanced Surveying, B.1 Publ. Bombay
4. Maslov A.V. Gordeev A.V., Batrakov Yu.G. Geodetic surveying, 1984, Mir Publishers, Moscow

5. Rangwala S.C. 2011. Surveying and Leveling, Charotar Publishing House Pvt. Ltd. Anand,(GJ)
6. Singh & Kanujia : Map work and Practical Geography.
7. Satheesh Gopi, (2007), Advanced Surveying: Total Station, GIS and Remote Sensing Pearson Education India,
8. www.mahabhulekh.maharashtra.gov.in

Research Journals-

1. Bhumitarang
2. Land Record

Additional readings:

3. E-Pik Pahani
4. Laws related to land measurement

Medium of Instruction: Marathi/ English

Special instructions, if any: Marathi

Library and laboratory equipment`s:

Reference Books (Departmental Library)



Rayat Shikshan Sanstha's
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National Education Policy (NEP 2020)
B. A. Part -I, Semester-I (Geography)
GEOGRAPHY- Indian Knowledge System (IKS)
Paper I: Ancient Indian Geographer
Course Code- IKS GEO01101 Credit-02
(Syllabus to be implemented from June, 2023 onwards)

Preamble: This curriculum focuses on the major ancient Indian geographical concepts and contribution of major Indian geographers. This course is specially designed to introduce the ancient Indian knowledge system. It explores Ancient Indian geographical knowledge in the various field of geography.

Course Objectives:

1. To get knowledge about ancient Indian Geographical knowledge in the various field of geography.
2. Student understands ancient geographical concepts.

Course Outcome:

CO1: Students should be able to understand in-depth about the Indian knowledge system.

CO2: To gain knowledge about ancient geographical concepts.

CO3: Understand the contribution of Ancient Indian Geographer.

CO4: This course will be useful for students preparing for UGC NET/SLET, exams and other competitive exams including the civil services.

Expected Skills impartation (Through theory)

1. Understanding skill
2. Evaluative skill
3. Analytical skill

B.A. PART – I, SEMESTER – I
Indian Knowledge System (IKS)
Course Code- IKS GEO01101 Title of Paper:: ANCIENT INDIAN
GEOGRAPHER

Sr. No.	Content	Description of Credit	Periods	CoS
1	Unit 1: Ancient Indian geographical concepts 1.1 Ancient Indian literature : Epics, Vedas, Upanishads, Puranas 1.2 Ancient Indian civilizations and Ancient Indian Empire and geographical development 1.3 The Universe and its Origin; Earth; Continents (Dwipas); 1.4 Latitudes and Longitudes; Earthquakes; Eclipses; Atmosphere, Weather and Climate; Bharatvarsa; Mountains and Rivers; Chronology	1	15	1, 2 & 4
2	Unit 2: Contribution of major ancient geographer 2.1 Aryabhata 2.2 Varahamihira 2.3 Bhaskaracharya 2.4 Brahmagupta 2.5 Utpala 2.6 Vijaynandi 2.7 Gargamuni 2.8 Kalidas	1	15	3 & 4

References

1. Adhkari, S. (2015). Fundamentals of Geographical Thought, Orient Blackswan Pvt. Ltd., New Delhi
2. Dikshit, R. D. (1997). Geographical Thought: A Contextual History of Ideas. Delhi, India: Prentice– Hall India.
3. Dixit, R.D. (2001) भौगोलिक चिंतन, Prentice Hall of India, New Delhi
4. Majid Husain (2007): Evolution of Geographic Thought Rawat Publication, Jaipur
5. Singh, R.B. (2016). Progress in Indian Geography. New Delhi, India: Indian National Science Academy.
6. □□□□□□□□ □□. □□. (□□□□). भौगोलिक विचारधाराएँ : राजस्थान हिंदी ग्रंथ अकादमी
7. कौशिक, एस.डी. व रावत, डी.एस., भौगोलिक विचारधाराएं एवं विधितंत्र, रस्तोगी पब्लिकेशन्स
8. गर्ग, एच. एस. (2022). भौगोलिक चिंतन, एसबीपीडी प्रकाशन

9. सूर्यवंशी, डी.एस. व प्रा. पाटील संभाजी (२०१६). भौगोलिक विचारधारा व संकल्पना – प्रशांत पब्लिकेशन, जळगाव
 10. सवदी, कोळेकर – भौगोलिक विचार प्रणालीचा विकास
 11. खतीब, के. ए.- भूविज्ञान विकास, संजोग प्रकाशन, कोल्हापूर
 12. e-PG Pathshala: <https://epgp.inflibnet.ac.in/>
 13. MOOCS - NPTEL: <https://nptel.ac.in/>
 14. MOOCS - SWAYAM: <https://swayam.gov.in/>
- National Digital Library of India: <https://ndl.iitkgp.ac.in/>



Rayat Shikshan Sanstha's
Chhatrapati Shivaji College, Satara (Autonomous)
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Department of Geography
National Education Policy (NEP 2020)
B. A. Part -I, Semester-I (Geography)
GEOGRAPHY- Value Education Course (VEC)
Paper I : ENVIRONMENT CONSCIOUSNESS
Course Code- VECGEO01101 Credit-02
(Syllabus to be implemented from June, 2023-24 onwards)

Preamble: Study of Environment is become a mandatory part in structure of the education programmes. The Geography is a known for studies of the earth; obviously the environment comes under the study of geography. The current syllabus is designed to promote to make the students aware about the environment, environmental awareness, ecology, ecosystem, physical and manmade environment, natural phenomena etc. its interaction and its correlation along with the impact of human activities on it. Students will get the knowledge of importance of the environmental balance and the conservation necessity of the different elements of the environment. Students will get the knowledge of different policies for the conservation and sustainable development.

Course Objectives: To enable the student-

5. To understand the meaning, definition types and elements of environment.
6. To understand the need of environment Consciousness.
7. To know the difference of environment.
8. To get the comprehensive knowledge about the natural resources and its conservation.
9. To create awareness about an environment and biodiversity.

Course Outcomes:

- CO1: Explain fundamental concept of environment: Major elements of environment.
CO2: Understand the Ecosystem, Ecology, food chain and food web in the environment.
CO3: Understand the different biodiversity in environment.
CO4: Know the environmental awareness, its conservation and policies for sustainable development.

Expected Skills impartation (Through theory and Practical's)

5. Understanding skill
6. Evaluative skill
7. Analytical skill

8. Critical Thinking

**B.A. PART – I, SEMESTER – I
VALUE EDUCATION COURSE (VEC)**

Course Code- VECGEO01101

TITLE OF THE

PAPER : ENVIRONMENT CONSCIOUSNESS

Sr. No.	Contents	Distribution of Credit	Period	CoS
1	Unit –1 Environment and Ecosystems 1.1 Definition of environment, Types of environment. 1.2 Meaning of ecosystem, Elements of ecosystem, Types of ecosystem, food chain and food web. 1.3 Environmental degradation, Need of environment Consciousness. 1.4 Concept of sustainability, Sustainable development and it's goals with Indian context.	1	15	1 & 2
2	Unit-2 Biodiversity and Environmental Conservation 2.1 Definition of Biodiversity, Value of Biodiversity, Hotspots, biodiversity hotspots in India (India as a mega-diversity nation), Western Ghat as a biodiversity region. 2.2 Threats to Biodiversity, Endangered and endemic species of India, Conservation of Biodiversity. 2.3 Environmental movements- Chipko Movement, Appiko Movement, Silent Valley; Water conservation: rain water harvesting, Water conservation by Dr. Rajendra Singh, Anna Hazare etc. 2.4 National and International conventions and agreements on environment conservation.	1	15	1 & 2

Practical work: Case Study / Field Survey / Field Visit / Project

1. Group Discussion any topic / Field Visit to any environmental / biodiversity site / Field visit to any ecosystem.
2. Home Assignment.

Reference Books:

1. Chandana, R. C. (1998): Environmental Awareness, Kalyani Publishers, New Delhi.
2. Chhokor, K. B., Pandya M., Raghunathan M. (2005): Understanding Environment, Sage Publications, New Delhi.
3. Dhaliwal, G. S. (1996): Fundamentals of Environmental Science, Kalyani Publishers, New Delhi.
4. Heywood, V. H. & Watson, R. T. (1995): Global Biodiversity Assessment, Cambridge Univ. Press.

5. Jadhav, H. & Bhosale, V. M. (1995): Environmental Protection and Laws, Himalaya Pub. House, Delhi.
6. Santra, S.C. (2005): Environmental Science, Kolkata, New Central Book Agency (P) Ltd.
7. Sharma, P. D. (1985): Ecology and Environment, Rastogi Publications, Meerut.
8. Wagner K. D. (1998): Environmental Management, W. B. Saunders Co., Philadelphia, USA.
9. अहिरराव, अलीझाड, वराट, धापटे, भोस (१९९५): पर्यावरण विज्ञान, निराली प्रकाशन पुणे.
10. भांडारकर के.म. (१९९८): पर्यावरण शिक्षण, नूतन प्रकाशन, पुणे.
11. धारपुरे विठ्ठल (२००८): पर्यावरण भूगोल, पिंपळापुरे अँड कं. पब्लिशर्स, नागपूर.
12. जयकुमार मगर: पर्यावरणशास्त्र परिचय, विद्या प्रकाशन, नागपूर.
13. कुंभारे अ.रा. (२००४): पर्यावरणाचा अभ्यास, प्राची प्रकाशन, मुंबई.
14. पाटील,फुले, शिंदे, पवार, आडसूळ (१९९८): पर्यावरण भूगोल, सप्रेम प्रकाशन, कोल्हापूर.
15. शिंदे, पेंडसे, पेडणेकर, महाजन, चव्हाण, परमार (२००४): पर्यावरण अभ्यास, सेठ प्रकाशन, मुंबई.
16. सामंत जय शा. (२००५): पर्यावरण अभ्यास, शिवाजी विद्यापीठ, कोल्हापूर.
17. सावंत प्रकाश (१९९८): पर्यावरण भूगोल, फडके प्रकाशन, कोल्हापूर.

Research Journals:

1. Ecology and Environment
2. Environmental Resources Trust
3. Global Environment & Technology Foundation : An International Journal
4. UNEP Journal
5. United Nations Framework Convention on Climate Change Journal

Additional Reading:

1. Google Search
2. Red Cross Society official website
3. United Nations official website
4. WHO official website
5. [www.go worldbank.org](http://www.go.worldbank.org)
6. www.cseindia.org
7. www.envplan.com/
8. www.iowabar.org/floods.nsf/
9. Daily news

Medium of Instruction: Marathi / English

Special Instructions, if any: Marathi

Library and Laboratory equipment's

Reference Books (Departmental Library)

Department of Geography

Examination Pattern- B.A.I

2. Examination Pattern: 60:40

(60 Weightage for End Semester Examination & 40 Weightage for Continuous and comprehensive Evaluation)

3. Nature of Question Paper:

End Semester Examination Question Paper Pattern for 60 Marks

- Instruction:** 1) All Questions are Compulsory.
2) All Questions carry equal marks.
3) Figures to the right indicate full marks.

Day and Date:

Total Marks: 60

Time: Two Hours

Q. 1. Choose the correct alternatives from the following 15

प्रश्न १. खालीलपैकी योग्य पर्याय निवडा.

Q.2. Write short Notes (Three out of Four) 15

प्रश्न २. टीपा लिहा (चार पैकी तीन)

Q.3. Write short answer (Three out of Four) 15

प्रश्न ३. थोडक्यात उत्तरे लिहा (चार पैकी तीन)

Q.4. Answer the following question in broad. (One out of Two) 15

प्रश्न ४. खालील प्रश्नाचे सविस्तर उत्तर लिहा. (दोनपैकी एक)

-

End Semester Examination Question Paper Pattern for 30 Marks

- Instruction:** 1) All Questions are Compulsory.
2) All Questions carry equal marks.
3) Figures to the right indicate full marks.

Day and Date:

Total Marks: 30

Time: One Hours

Q. 1. Choose the correct alternatives from the following 08

प्रश्न १ . खालीलपैकी योग्य पर्याय निवडा.

Q.2. Write short Notes (*Two out of Three*) 10

प्रश्न २. टीपा लिहा (तीन पैकी दोन)

Q.3. Answer the following question in broad. (*One out of Two*) 12

प्रश्न ३ . खालील प्रश्नाचे सविस्तर उत्तर लिहा.(दोन पैकी एक)

4. CCE (Continuous and comprehensive Evaluation):

4.1 Activities 40 Marks: For major paper of 4 credit

1. Project - 20 Marks
2. Online Class test-10 Marks
3. Oral 10 Marks

4.2 Activities 40 Marks: For OE & Other 4 Credit

1. Home Assignment - 10 Marks
2. Online Class Test-10 Marks
3. Subject Specific Activity- 20 Marks

4.3 Activities 20 Marks:

1. Subject Specific Activity (All two credit papers Except CC) - 20 Marks



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Accredited By NAAC with 'A+' Grade

B.A.-Part-I

Semester II

GEOGRAPHY

B. A. Program in Geography at Major Level
(Syllabus to be implemented from June 2023 -24 onwards)

NEP 2020



Rayat Shikshan Sanstha's,
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National Education Policy-2020

Title of the Paper and Subject Code

B.A. Part-I Geography

(Syllabus to be implemented from June 2023-24)

Semester –II					
Sr	SEM	Com	Course Code	Course Title	Cr.
1	Sem-II	Major	MMGEO01203	Climatology P-III	4
2	Sem-II	Major	MMGEO01204	Human Geography Part -II P-IV	2
3	Sem-II	Minor	MNGEO01201	Physical Geography	2
4	Sem-II	OE	OEGEO01202	Advanced Tourism	4
5	Sem-II	VSC	VSCGEO01202	Map Scale & Map Projection	2
6	Sem-II	SEC	SEC GEO01202	Techniques of Land Surveying	2
7	Sem-II	AEC	AECENG01202	English for Communication P-B	2
8	Sem-II	VEC	VECGEO01202	Disaster Management	2
9	Sem-II	CC	CCNCC01202	NCC P-II	2
			CCMLS01202	Military Science P-II	
			CCNSS01202	NSS P-II	
Sr	SEM	Com	Course Code	Course Title	Cr.
			CCSAF01202	Sport and Fitness P-II	
			CCAA01202	Applied Arts P-II	
			CCPA01202	Performing Arts Paper-II	
			CCFIA01202	Fine Arts P-II	
			CCMUS01202	Music P-II	
			CCYED01202	Yoga Education P-II	
			CCVVV01202	Vivek Vahini P-II	
			CCHAW01202	Health and Wellness P-II	
				Cum Cr	22

MMHIS01101 – MM-Major Mandatory, GEO-Geography, 01-BA Program Code, 1-Semester,

01-Paper Number



Rayat Shikshan Sanstha's
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Department of Geography
National Education Policy (NEP) 2020
B. A. Part -I, Semester-II (Geography)
GEOGRAPHY- (MAJOR SUBJECT)

Paper: III CLIMATOLOGY

Course Code- MMGEO01203 Credit-04
(Syllabus to be implemented from June, 2023 onwards)

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 climate have been included. With this study, students get idea of 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.

The climate system is a set of environmental systems including the atmosphere, ocean, and biosphere that are coupled to one another and vary over time and space and climatology is the study of that system. This course covers the basics of composition and structure of atmosphere, energy and moisture in the climate system, atmospheric circulation processes and patterns, and the spatial and temporal variations of climate, including those produced by human action. The course will also trace the development of our understanding of the physical basis of climatology, the development of conceptual and numerical models of climate.

Course Objectives: To enable the student-

1. To understand the importance of Climatology
2. To introduce the students concepts in Climatology
3. To distinguish between weather and climate.
4. To describe the origin and composition of atmosphere.
5. To explain comprehensive knowledge about the heat and temperature.
6. To know the concept of air pressure, wind, monsoon
7. To adopt the knowledge of hydrological cycle, humidity and precipitation.
8. To acquaint the students concepts of air mass, cyclone and atmospheric disturbances.

Course Outcomes: After studying the course the student will be able to...

CO - 1 Distinguish between the weather and climate.

CO- 2 Understand the composition and structure of atmosphere

CO - 3 Know the concept of heat, insolation and temperature.

CO - 4 Explain variations in wind pattern of the earth and pressure belt

CO - 5 Familiar with the vertical and horizontal distribution of atmospheric air.

CO - 6 Understand the process and types of precipitation.

Expected Skills impartation (Through theory and Practical)

5. Understanding skills
6. Evaluative skills
7. Interpretation skills
8. Analytical skill

B.A. Part-I Semester: II
Geography Major : III
Paper
Course Code : MMGEO01203
Title of the Paper : Climatology

Sr. No.	Content	Description of Credit	Periods	CoS
1	Unit 1: Atmosphere 1.1 Meaning and Origin of Atmosphere 1.2 Composition and Structure of Atmosphere 1.3 Weather and Climate 1.4 Elements of Climate	1	15	1 & 2
2	Unit 2: Insolation & Temperature 2.5 Concept of Insolation 2.6 Temperature: Factors affecting on temperature 2.7 Horizontal Distribution of Temperature 2.8 Vertical Distribution of Temperature	1	15	3
3	Unit 3: Air Pressure & Wind 3.1 Air pressure & Measurement 3.2 . Pressure Belts on the earth 3.3 Winds - Factors affecting wind & planetary winds 3.4 Local Winds	1	15	4 & 5
4	Unit 4: Humidity & Precipitation 4.1 Meaning and Definition Humidity 4.2 Types of Humidity 4.3 Forms of Precipitation 4.4 Types of Rainfall	1	15	6

Practical work: Case Study / Field Survey / Field Visit / Project

3. Group Discussion any topic / field visit – 1. Nearby River to see the erosion and depositional landforms 2. Local Weather Station
4. Home Assignment

Reference Books

20. Allaby, Michael (2008): Oxford Dictionary of Earth Science, Oxford University Press, New York.
21. Briggs, K. (1985): Physical Geography Process and System, Hodder and Stoughton, London.
22. Dayal, P. (1996): A Textbook of Geomorphology, Shukla Book Depot, Patna.
23. Fairbridge, R.W., ed. (1968): Encyclopaedia of Geomorphology Reinhold, New York.
24. Moor, W.G. (1949): A Dictionary of Geography, Penguin Books, England.

25. Strahler, A.N (1969): Physical Geography. John Wiley & Sons Inc., Newyork.
26. दाते सु. प्र., संजीवनी दाते (१९९५): प्राकृतिक भूविज्ञान, रावल पब्लिकेशन, सातारा
27. दाते सु.प्र., दाते संजीवनी, डोईफोडे एच. के (२००२): प्राकृतिक भूविज्ञान, अनिरुद्ध पब्लीशिंग हाउस, पुणे
28. खतिब के.ए. (२०११): प्राकृतिक भूगोल, संजोग प्रकाशन, कोल्हापूर
29. सवदी ए. बी., कोळेकर पी.एस. (२००४): प्राकृतिक भूगोल, निराली प्रकाशन, पुणे
30. सारंग सुभाषचंद्र (१९९६): प्राकृतिक भूविज्ञान, विद्या प्रकाशन, नागपूर
31. सावंत प्रकाश (२००४): प्राकृतिक भूगोल, फडके प्रकाशन, कोल्हापूर
32. खतिब के.ए. (२०११): हवामान परिचय, मेहता प्रकाशन, कोल्हापूर
33. धारपुरे विठ्ठल (२००४): हवामानशास्त्र, पिंपळापुरे अँड पब्लिशर्स, नागपूर

Medium of Instruction: English

Special instructions, if any: English

Library and laboratory equipment's:

Reference Books (Departmental Library)



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Department of Geography
National Education Policy (NEP) 2020
B. A. Part -I, Semester-II (Geography)
GEOGRAPHY- (MAJOR SUBJECT)

Paper: IV HUMAN GEOGRAPHY-II

Course Code- MMGEO01204 **Credit-02**
(Syllabus to be implemented from June, 2023 onwards)

Preamble: Human geography is a branch of systematic geography. Human geography as second major branch of geography focuses on the study of people and their social groups, cultures, economies, and interactions with the environment by studying their relations in spatiotemporal perspective. It focuses on understand processes about human populations, settlements, economics, transportation, recreation and tourism, religion, politics, social and cultural traditions, human migration, agriculture, and urbanization. The importance of human geography is its ability to study the earth in ways that allow us to better understand how humans can create a more sustainable planet, save biodiversity, and so forth. This paper intends to acquaint the students with various dimensions of settlements and agriculture.

Course Objectives: To enable the student-

5. To understand meaning and definition of human settlement.
6. To describe the factors affecting on the human settlement.
7. To explain types of agriculture.
8. To examine the problems of Indian agriculture.

Course Outcomes: After studying the course the student will be able to...

- CO1: Explain the meaning and definition of settlement.
CO2: Analyze the factors affecting on human settlement.
CO3: Asses the types of agriculture.
CO4: Invent the problems of Indian agriculture.

Expected Skills impartation (Through theory and Practical)

6. Understanding skill
7. Evaluative skill
8. Interpretation skill
9. Critical thinking skill
10. Analytical skill

B.A. Part-I Semester: II
Geography Major : IV
Paper
Course Code : MMGEO01204
Title of the Paper : Human Geography- II

Sr. No.	Content	Description of Credit	Periods	CoS
1	Unit:1: Settlements 1.1 Settlement: Meaning and Definition 1.2 Types of Settlement 1.3 Factors affecting on Settlements 1.4 Urban Problems	1	15	
2	Unit:2: Agriculture 2.1 Origin and history of agriculture, types of Agriculture 2.2 Factors influencing on agriculture. 2.3 Problems of Indian Agriculture and Solution. 2.4 Agro-Tourism (Field Visit)	1	15	

Practical work: Case Study / Field Survey / Field Visit / Project

3. Field visit to Agro-Tourism Centre.
4. Home Assignment

Reference Books

17. Jasbir Singh, Dhillion S. S. (1984) : *Agricultural Geography*, Tata Macgraw Hill
18. Johnson J. H. (1972): *Urban Geography: An Introductory Analysis*, Pergamon Press, Oxford.
19. Prakash Rao, V.L.S. (1982): *Urbanization in India*, Concept New Delhi.
20. Siddhartha, K. and Mukherjee, S. (2016): "Cities, Urbanization and Urban Systems", Kitab Mahal, Delhi
21. Singh, L. R. (2009): "Fundamentals of Human Geography", Sharada Pustak Bhavan, Allahabad
22. Singh, R. Y. (2002): "Geography of Settlements", Rawat Publications, Jaipur
23. Singh, R. Y. (2007): *Geography of Settlements*, Rawat Publications, Mumbai
24. Smails A. E. (1953): *The Geography of Towns*, Hutchinson University, Press, London.

25. आडसूळ आर.एस.,पाटील टी.पी.,फुले एम.एम., शिंदे एस.बी., पवार सी.टी.(१९९८): नागरी भूगोल, सप्रेम प्रकाशन, कोल्हापूर
26. खतीब के.ए. (२०११): कृषी भूगोल, संजोग प्रकाशन, कोल्हापूर
27. खतीब के.ए. (२०१३): नागरी भूगोल, मेहता बुकसेलर्स, कोल्हापूर
28. खतीब के.ए. (२०१८): मानवी भूगोल, मेहता बुकसेलर्स, कोल्हापूर
29. घारपुरे विठ्ठल (२०००): मानवी भूगोल, पिंपळापुरे आणि कंपनी, नागपूर
30. दूर शिक्षण केंद्र (२०१९): प्राकृतिक भूगोल, मानवी भूगोल, शिवाजी विद्यापीठ, कोल्हापूर
31. पवार सी.टी.,आडसूळ आर.एस, पाटील टी.पी. व फुले एम.एम. (१९९७): मानवी भूगोल,सप्रेम प्रकाशन, कोल्हापूर
32. सप्तर्षी प्रवीण, जगदाळे उत्तमराव (२००६): मानवी भूगोल, डायमंड पब्लिकेशन, पुणे
33. सवदी ए.बी. (१९९५): नागरी भूगोल, निराली प्रकाशन, पुणे.
34. सवदी ए.बी., कोळेकर पी. एस. (२००९): मानवी भूगोल, निराली प्रकाशन, पुणे
35. सावंत प्रकाश (२०१४): मानवी भूगोल, फडके प्रकाशन, कोल्हापूर
36. सावंत प्रकाश (२०१८): मानवी भूगोल, फडके प्रकाशन, कोल्हापूर

Research Journals-

5. The Journal of Agricultural Science
6. Journal of Sustainable agriculture
7.
8.

Additional Readings:

5.
6. Daily news related to this paper

Medium of Instruction: Marathi / English

Special instructions, if any: Marathi

Library and laboratory equipment's:

Reference Books (Departmental Libra



Rayat Shikshan Sanstha's
Chhatrapati Shivaji College, Satara (Autonomous)
(A Constituent College of Karmaveer Bhaurao Patil University, Satara)
Department of Geography
National Education Policy (NEP) 2020
B. A. Part -I, Semester-II (Geography)
GEOGRAPHY- (MINOR SUBJECT)

Paper: I Physical Geography

Course Code- MNGEO01201 Credit-02
(Syllabus to be implemented from June, 2023 onwards)

Preamble: This course intends to acquaint the students with various dimensions of, as also the challenges, confronting the physical geography. The Geography students of B. A. Part-I can understand all recent concepts in Physical Geography in brief but in adequate manner. The objective of this course is to introduce the latest concepts in Physical Geography, Specifically in Atmosphere, Lithosphere, Fluvial Cycle, and Hydrosphere.

Course Objectives: To enable the student-

7. To understand the meaning, definition, nature, scope, various branches and importance of Physical Geography.
8. To describe the origin of the continents and oceans.
9. To explain comprehensive knowledge about the earthquake and volcano.
10. To analyze the concept of denudation, weathering process and types of weathering.

Course Outcomes:

- CO1: Explain the definition, branches, various concept and importance of Geography.
- CO2: Giving the description of the origin of the earth, continent and ocean.
- CO3: Examine the knowledge about the interior of the earth, earthquake and volcano.

CO4: Adopt the knowledge about types of weathering.

Expected Skills impartation (Through theory and Practical)

1. Understanding skills
2. Evaluative skills
3. Interpretation skills
4. Analytical skill

B.A. Part-I Semester: II

Geography Minor : I

Paper

Course Code : MNGEO01201

Title of the Paper : Physical Geography

Sr. No.	Content	Description of Credit	Periods	CoS
1	Unit 1: Introduction to Physical Geography 1.5 Meaning and Definition of Physical Geography 1.6 Nature and Scope of Physical Geography 1.7 Branches of Physical Geography 1.8 Importance of Physical Geography	1	15	1 & 2
2	Unit 2: Earth Crust 2.1 Interior of Earth, 2.2 Earthquake and Volcano-Causes, Consequences and Distribution 2.3 Wegener's theory of Continental Drift, 2.4 Weathering & its Types	1	15	3 & 4

Practical work: Case Study / Field Survey / Field Visit / Project

1. Group Discussion any topic
2. Home Assignment

Reference Books

1. Allaby, Michael (2008): Oxford Dictionary of Earth Science, Oxford University Press, New York.
2. Briggs, K. (1985): Physical Geography Process and System, Hodder and Stoughton, London.

3. Dayal, P. (1996): A Textbook of Geomorphology, Shukla Book Depot, Patna.
4. Fairbridge, R.W., ed. (1968): Encyclopaedia of Geomorphology Reinhold, New York.
5. Moor, W.G. (1949): A Dictionary of Geography, Penguin Books, England.
6. Morgan, R.S. & Wooldridge S.W (1959): Outline of Geomorphology the Physical basis of Geography, Longmans Green, London.
7. Robinson, Harry (1969): Morphology and Landscape, University Tutorial Press Ltd. London.
8. Singh, Savindra (1998): Geomorphology, Prayag Pustak Bhavan, Allahabad.
9. Spark, B. W. (1986): Geomorphology, Longman, London.
10. Strahler, A.N (1969): Physical Geography. John Wiley & Sons Inc., Newyork.
11. Thornbury, W.D. (1969): Principles of Geomorphology, Wiley Eastern Ltd. New Delhi.
12. Worcester, P. G. (1948): Textbook of Geomorphology, Princeton, D. Van, Nortran
13. दाते सु. प्र., संजीवनी दाते (१९९५): प्राकृतिक भूविज्ञान, रावल पब्लिकेशन, सातारा
14. दाते सु.प्र., दाते संजीवनी, डोईफोडे एच. के (२००२): प्राकृतिक भूविज्ञान, अनिरुद्ध पब्लीशिंग हाउस, पुणे
15. खतिब के.ए. (२०११): प्राकृतिक भूगोल, संजोग प्रकाशन, कोल्हापूर
16. खतिब के.ए. (२०११): हवामान परिचय, मेहता प्रकाशन, कोल्हापूर
17. चारपुरे विठ्ठल (२००४): हवामानशास्त्र, पिंपळापुरे अँड पब्लिशर्स, नागपूर
18. सवदी ए. बी., कोळेकर पी.एस. (२००४): प्राकृतिक भूगोल, निराली प्रकाशन, पुणे
19. सारंग सुभाषचंद्र (१९९६): प्राकृतिक भूविज्ञान, विद्या प्रकाशन, नागपूर
20. सावंत प्रकाश (२००४): प्राकृतिक भूगोल, फडके प्रकाशन, कोल्हापूर
21. मगर जयकुमार (१९९२): भूरूपशास्त्र, विद्या प्रकाशन, नागपूर

Medium of Instruction: English

Special instructions, if any: English

Library and laboratory equipment's:

Reference Books (Departmental Librar



Rayat Shikshan Sanstha's
Chhatrapati Shivaji College, Satara (Autonomous)
(A Constituent College of Karmaveer Bhaurao Patil University, Satara)
Department of Geography
National Education Policy (NEP) 2020
B. A. Part -I, Semester-II (Geography)
GEOGRAPHY- Open Elective (OE)
Paper II: ADVANCED TOURISM
Course Code- OEGEO01202 Credit-04
(Syllabus to be implemented from June, 2023 onwards)

Preamble: Tourism occurs in places, it involves movement and activities between places and it is an activity in which both place characteristics and personal self-identities are formed, through the relationships that are created among places, landscapes and people. Tourism geography is the study of travel and tourism, as an industry and as a social and cultural activity. Tourism geography covers a wide range of interests including the environmental impact of tourism, the geographies of tourism and leisure economies, answering tourism industry and management concerns and the sociology of tourism and locations of tourism. All of us are part and parcel of the earth's environment. We will act as responsible citizens and participate proactively in all tourism activity to preserve the natural and cultural environment and leave for future generations in its nativeness.

Course Objectives: To enable the student-

10. To familiarize the students with aspects of tourism which have a relation with the subject matter of Geography.
11. To orient the students to the logistics of tourism industry and the role of tourism in regional development.
12. To understand the impact of tourism on physical and human environments.
13. To familiarize the students with local, regional and national tourism.

Course Outcomes:

- CO1: Explain the development of tourism in India.
- CO2: Understand the geographical & historical tourism in India.
- CO3: Understand the religious and cultural tourism in India.
- CO4: Organization of Tour & Visit to Places to tourism interest.

Expected Skills impartation (Through theory and Practical's)

1. Understanding skill

2. Evaluative skill
3. Analytical skill
4. Critical Thinking

B.A. Part-I Semester: II

Geography Open Elective (OE) : II

Paper

Course Code : OEGEO01202

Title of the Paper : Advanced Tourism

Sr. No.	Contents	Distribution of Credit	Period	CoS
1	Unit-1 Tourist Attractions 1.1 Physical Attractions. 1.2 Socio-Cultural Attractions. 1.3 Historical Attractions. 1.4 Other Attractions.	1	15	1
2	Unit-2 Tourism Marketing 2.1 Meaning and characteristics of Tourism Marketing. 2.2 Factors of Tourism Products. 2.3 Functions of Tourism Marketing. 2.4 Divisions of Tourism Marketing.	1	15	2 & 3
3	Unit-3 Tourism planning 4.1 Need of Tourism Planning. 4.2 Model of Tourism Planning. 4.3 Elements of Tourism Planning. 4.4 Local planning, Regional planning, National planning.	1	15	4 & 5
4	Unit-4 Organization of Tour 4.1 Objectives of Tour. 4.2 Economic Planning and Frame work of tour. 4.3 Choice of tourism centers, Distance, Duration and Means of transportation and Accommodation. 4.4 Visit to local tourist attraction.	1	15	6

Practical work: Case Study / Field Survey / Field Visit / Project

3. Group Discussion any topic / Field Visit to any tourism site / Field visit to any eco-tourism center.
4. Home Assignment.

Reference Books:

18. Bhatia A.K.: International Tourism.
19. Bhatia A.K.: Tourism Development.
20. Dev Manoj: India – A Tourist Paradise.
21. Dhar Pramath: Development of Tourism and Travel Industry.
22. Gupta V.N.: Tourism in India.
23. Negi Jagmohan: Tourism Development and Resource Conservation.
24. Pearce Douglas: Tourism Development.
25. Robinson R.: Geography of Tourism.
26. Sharma K.C.: Tourism : Policy, Planning strategy.
27. Seth Pran: Enlessful Tourism Management.
28. Sinha P.C.: Tourism Marketing.
29. Singh Shawni: Principles of Indian Tourism.
30. Singh S.N.: Geography of Tourism and Recreation.
31. Singh Ratandeep: Tourism Today Vol. 1, Tourism Today Vol. 2, Tourism Today Vol. 3.
32. शिंदे एस. बी. : पर्यटन भूगोल
33. घारपुरे व्ही. टी. : पर्यटन भूगोल, पिंपळापुरे अँड पब्लिशर्स, नागपूर, 2003.
34. Geography of Tourism – Distance Education Department, Shivaji University, Kolhapur.

Research Journals:

6. Tourism Management
7. Annals of Tourism Research
8. Journal of Hospitality and Tourism Management
9. Annals of Tourism Research Empirical Insights
10. International Journal of Tourism Research

Additional Reading:

8. Google Search

9. Red Cross Society official website
10. United Nations official website
11. WHO official website
12. [www. tripadvisor.com](http://www.tripadvisor.com)
13. www. expedia.com
14. Daily news

Medium of Instruction: Marathi / English

Special Instructions, if any: Marathi

Library and Laboratory equipment's

Reference Books (Departmental Library)



Rayat Shikshan Sanstha's
Chhatrapati Shivaji College, Satara (Autonomous)
(A Constituent College of Karmaveer Bhaurao Patil University, Satara)
Department of Geography
National Education Policy (NEP) 2020
B. A. Part -I, Semester-II (Geography)
GEOGRAPHY- Vocational Skill Course (VSC)
Paper II : MAP SCALE AND MAP PROJECTION
Course Code- VSCGEO01202 Credit-02
(Syllabus to be implemented from June, 2023 onwards)

Preamble: Map scales give people an accurate idea about how the distances mentioned are plotted on the map. This is useful in understanding how to go from one place to another, especially if one is a traveller or engaged in a similar profession. The need for a map projection mainly arises to have a detailed study of a region, which is not possible to do from a globe. Similarly, it is not easy to compare two natural regions on a globe. Therefore, drawing accurate large-scale maps on a flat paper is required.

Course Objectives: To enable the student-

1. To understand the basic concepts of scale and methods of representation of scale.
2. To distinguish the different elements of map and understand types of map.
3. To explain various types of slopes and landforms.
4. To analyze the relief by Contours.
5. To memorize the pervious knowledge while studying map basic.
6. To Construction of various types of projection.

Course Outcomes: After studying the course the student will be able to...

- CO - 1 Understand the basic concepts of scale and methods of representation of scale.
- CO - 2 Distinguish the different elements of map and understand types of map.
- CO - 3 Explain various types of slopes and landforms.
- CO - 4 Analyze the relief by Contours.
- CO - 5 Memorise the pervious knowledge while studying map basic.
- CO - 6 Construction of various types of projection.

Expected Skills impartation (Through theory and Practical's)

1. Understanding skill
2. Evaluative skill
3. Interpretation skill
4. Analytical Skill

B.A. Part-I Semester: II
Geography Vocational Skill Course (VSC) : II
Paper

Course Code

: VSCGEO01202

Title of the Paper

: Map Scale And Map Projection

Sr. No.	Content	Description of Credit	Periods	CoS
1	Unit-1: Introduction of Map & Scale 1.1 Map: Definition and Elements 1.2 Classification of Maps: Based on Scale and Purpose 1.3 Scale: Meaning and Definition, 1.4 Methods of Representation of scale – Verbal, Numerical and Graphical.	1	15	1 & 2
2	Unit-2: Map Projections Meaning and Definition of Map Projections 2.2 Need of Map Projection 2.3 Classification of Map Projections 2.4 Graphical Construction of the following Projections with Properties and Use: i) Zenithal Polar Gnomonic Projection ii) Zenithal Polar Equal Area Project	1	15	3 & 4

Reference Books

1. Aher A. B., Chodhari A. P. & Bharambe S. N. Techniques of Spatial Analysis Prashant Publication Jalgaon 2015
2. Bygoot, J: An Introduction to Mapwork and Practical Geography, University Tutorial, London 1964.
3. Khan MD. Zulfequar Ahmad : Text Book of Practical Geography, Concept Publishing Company, New Delhi, 1998
4. Khan Za (1998): Text Book of Practical Geography
5. Khullar, Essentials of Practical Geography, New Academic Publishing Co, India.

6. Maurice Yeats, An Introduction to Quantitative Analysis in Human Geography, McGraw Hill, New York, 1974.
7. Mishra, R.P. and Ramesh A. : Fundamentals of Cartography, Concept Publishing Company, New Delhi, 2000
8. Monkhouse F.J. and Wilkison, H.R.: Maps and Diagrams, Mathuen. London, 1971.
9. Negi. , Dr. Balbir Singh : Practical Geography, Kedar Nath Ram Nath, Meerut, Delhi.
10. P. Saha and P. Basu (2006): Advanced Practical Geography, Books and Allied Publication, Kolkata, India.
11. Raisz, E.: Principals of Cartography, McGraw Hill Book Com., Inc, New York, 1962.
12. Robinson Rep. (2010): Elements of Cartography 6/e
13. Robinson, A.H. and Sale, S.D.: Elements of Cartography, John Witey and Sons, Inc, New York, 1969.
14. Saha, Pijushkanti and Basu Partha : Advanced Practical Geography – A Laboratory Manual Books and Allied (P) Ltd, Kolkata. 2010.
15. Sarkar, Ashis : Practical Geography: A systematic Approach, Orient Longman limited, Calcutta, 1997.
16. Singh L R (2011): Fundamentals of Practical Geography
17. Singh, Gopal : Map work and Practical Geography Vikas Publishing House Pvt. Ltd. New Delhi, 1996.
18. Singh, R and Kanaujia, L.R.S.: Map Work and Practical Geography, Central Book Depot, Allahabad.
19. Singh, R. L. and Rana P.B. : Elements of Practical Geography, Kalyani Publishers, New Delhi – Ludhiana, 1998.
20. खतीब के. ए. (२०१४): समग्र प्रात्यक्षिक भूगोल , संजोग प्रकाशन , कोल्हापूर
21. शिंदे एस. बी. (): नकाशाशास्त्र , फडके प्रकाशन, कोल्हापूर
22. कुंभार अर्जुन (): प्रात्यक्षिक भूगोल , सुमेरू प्रकाशन , डोंबिवली

Medium of Instruction: Marathi / English

Special instructions, if any: Marathi

Library and laboratory equipment's:

Reference Books (Departmental)



Rayat Shikshan Sanstha's
Chhatrapati Shivaji College, Satara (Autonomous)
(A Constituent College of Karmaveer Bhaurao Patil University, Satara)
Department of Geography
National Education Policy (NEP) 2020
B. A. Part -I, Semester-II (Geography)
GEOGRAPHY- Skill Enhancement Course (SEC-PAPER-II)
Title of the Paper : TECHNIQUES OF LAND SURVEYING
Course Code- SECGEO01202 Credit-02
(Syllabus to be implemented from June, 2023 onwards)

Preamble: The course in land Surveying promotes skill development among students through practical training. A successful completion of the course will develop trained man-power and will open wide job opportunities and career building in private and public sectors, information bureau services in GO's, NGO's, construction industry, GPS industry. Land Surveying is an important view point of geography students. It has been introduced to B.A. Part-I class.

In the current changing global scenario, there is more demand and scope for professionally trained graduate. To meet this challenge, starting of need based, skill enhancing and career oriented courses facilitate job, self-employment and empowerment of the students. Keeping in view the need for developing trained man-power, promoting scientific temper, technological application and creating job opportunities the course in Land Surveying has been proposed for the undergraduate students.

Course Objectives: To enable the student –

5. To understand the map scale and methods of expression of scale.
6. To calculate the area calculation.
7. To offer practical training of land surveying through different surveying techniques.
8. To generate job opportunities in the corporate and government sector.

Course Outcomes: After studying the course the student will be able to ...

CO1: Introduce a types of map scale.

CO2: Analysis of area calculation and unit measurement for surveying and mapping.

CO3: Explain comprehensive knowledge about the land surveying techniques.

CO4: Invent the job opportunities in the corporate and government sector.

Expected Skills Impartation (Through theory and practical`s):

5. Understanding skill
6. Measuring Skill
7. Life skills
8. Cartographic Skill

B.A. Part-I Semester: II

Geography Skill Enhancement Course : II

Paper

Course Code : SEC GEO01202

Title of the Paper : Techniques Of Land Surveying-II

Sr. No	Contents	Distribution of Credit	Periods	CoS
1	Unit-I- Map Scale and Area Calculation 1.1. Definition and meaning 1.2. Methods of expression of Scale 1.3. Area of land (Units of Measurement) 1.4. Area Calculation	1	15	CO1 & CO2
2	Unit 2: Land Surveying Techniques 2.1. Introduction to Survey instruments: Tape & Plane Table 2.2. Introduction to GPS 2.3. Electronic Total Satation (ETS) 2.4. Survey instruments and its use, merits and demerits	1	15	CO3 & CO4

Practical work: Case Study / Field Survey / Field Visits / Project 1. Group Discussion on any topic/field visit to Land Record Department- District/Tahsil Level, Apps/websites Related to land/ Organization of field trip for GPS and ETS (Application of GPS and Total Station in specific domain area) 2. Home Assignment	CO1-4
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Reference Books.

9. Charles D. Ghilani, Paul Richard Wolf (2008): Elementary Surveying: An Introduction to Geomatics, Prentice Hall,
10. Kanetakar T.P. & Kukarni S.V. 1986. Surveying & leveling, Pune
 Vidyarthi Griha Prakshan, Pune

11. V. Natarajan P., Adler Ron K. Advanced Surveying, B.1 Publ. Bombay
12. Maslov A.V. Gordeev A.V., Batrakov Yu.G. Geodetic surveying, 1984, Mir Publishers, Moscow
13. Rangwala S.C. 2011. Surveying and Leveling, Charotar Publishing House Pvt. Ltd. Anand, (GJ)
14. Singh & Kanujia : Map work and Practical Geography.
15. Satheesh Gopi, (2007), Advanced Surveying: Total Station, GIS and Remote Sensing Pearson Education India,
16. www.mahabhulekh.maharashtra.gov.in

Research Journals-

5. Bhumitarang
6. Land Record

Additional readings:

7. E-Pik Pahani
8. Laws related to land measurement

Medium of Instruction: Marathi/ English

Special instructions, if any: Marathi

Library and laboratory equipment`s:

Reference Books (Departmental Library)



Rayat Shikshan Sanstha's
Chhatrapati Shivaji College, Satara (Autonomous)
(A Constituent College of Karmaveer Bhaurao Patil University, Satara)
Department of Geography
National Education Policy (NEP) 2020
B. A. Part -I, Semester-II (Geography)
GEOGRAPHY- (MAJOR SUBJECT)
Value Education Course (VEC)
Title of the Paper : DISASTER MANAGEMENT
Course Code- VECGEO01202 Credit-02
(Syllabus to be implemented from June, 2023 onwards)

Preamble: Disaster management plays an integral role in keeping communities safe. It involves coordinating the resources, such as pollution control systems, and responsibilities, such as following best practice policies, needed to prevent, prepare for, respond to, and recover from emergencies. The Indian government strives to promote a national resolve to mitigate the damage and destruction caused by natural and man-made disasters, through sustained and collective efforts of all Government agencies, Non-Governmental Organizations and People's participation. Ideally, the disaster-management leader will coordinate the use of resources (including personnel, supplies and equipment) to help restore personal and environmental safety, as well as to minimize the risk of any additional property damage.

Course Objectives: To enable the student-

1. To understand the meaning of disaster and disaster management.
2. To describe the need of disaster management.
3. To identify the types of disaster.
4. To assess the role and responsibilities of various department in disaster management.
5. To create awareness about the disaster management.

Course Outcomes: After studying the course the student will able to...

- CO1: Explain the concept of disaster and disaster management.
CO2: Analyze the need of disaster management.
CO3: Criticize the role and responsibilities of Govt. departments and NGO's about disaster management.
CO4: Invent new methods of disaster management.

Expected Skills impartation (Through theory and Practical's)

1. Understanding skill
2. Evaluative skill
3. Analytical skill
4. Critical Thinking

B.A. Part-I Semester: II

Geography Value Education Course : II

(VEC) Paper

Course Code

: VECGEO01202

Title of the Paper

: Disaster Management

Sr. No.	Contents	Distribution of Credit	Period	CoS
1	Unit:1: Disaster Management: Concept & Nature 1.1 Meaning of disaster and disaster management 2.2 Objectives of disaster management, need of disaster management, 2.3 Classification of disaster 2.4 Impact of disaster, and types of work of disaster management.	1	15	1 & 2
2	Unit:2: Responsibilities, Disaster Management and Administration Responsibilities of Various Departments at Local, State, National Level & NGO's 2.1 Revenue department, Police Department, Department of Zilla Parishad, Responsibilities of Fire Brigade Officers, Health Department, Responsibilities of Manager of Railway Station. 2.2 State and Local Transport Board, Electricity Board, Department of Public Works, Irrigation Department, Administration of Municipal Corporation. 2.3 Agricultural Department, Bharat Door Sanchar Nigam Ltd. Responsibilities of Divisional Officers, District Information Office. 2.4 Non-Governmental Organizations and Voluntary Organizations, Areas requiring citizen	1	15	3 & 4

	participation, Personal role, Role and responsibilities of Family, Role of educational institutes, Role and responsibilities of Head Master.			
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Practical work: Case Study / Field Survey / Field Visit / Project

1. Group Discussion any topic / Field Visit to Disaster affected Village / Field visit to Municipal Corporation
2. Home Assignment

Reference Books:

Gopal, Chandra Kar (2000): Disaster and Mental Health, Presidential Address, Indian Journal of Psychology.

1. NITRDM and CDMS (2004): Report of Pilot School Project
2. Santra, S.C. (2005): Environmental Science, Kolkata, New Central Book Agency (P) Ltd.
3. Chandana, R. C. (2015): Environmental Geography, Kalyani Publishers, New Delhi.
4. अग्निशामक व सुरक्षितता विभाग (संकलन) ऑगस्ट, २००४): आपत्कालीन व्यवस्थापन रत्नागिरी, फिनोलेक्स इंडस्ट्रीज लिमिटेड.
5. अहिरराव, अलीझाड, वराट, धापटे, भोस (१९९५): पर्यावरण विज्ञान, निराली प्रकाशन पुणे.
6. आपत्ती, धोके व्यवस्थापन कार्यक्रम (२००७): प्रमाणित कृती प्रक्रिया मार्गदर्शक पुस्तिका, जिल्हाधिकारी कार्यालय, कोल्हापूर
7. भांडारकर के.म. (१९९८): पर्यावरण शिक्षण, नूतन प्रकाशन, पुणे
8. मराठे, प्र. प्र., गोडबोले व्ही.जे.(२००६): आपत्ती व्यवस्थापन संकल्पना आणि कृती, डायमंड पब्लिकेशन, पुणे
9. खतीब के. ए. (२०१२): उपयोजित भूगोल, संजोग प्रकाशन, कोल्हापूर
10. घारपुरे विठ्ठल (२००८): उपयोजित भूगोल, पिंपळापुरे अँड कं. पब्लिशर्स, नागपूर
11. सामंत जय शा. (२००५): पर्यावरण अभ्यास, शिवाजी विद्यापीठ, कोल्हापूर
12. सावंत प्रकाश (१९९८): पर्यावरण भूगोल, फडके प्रकाशन, कोल्हापूर

13. पाटील,फुले, शिंदे, पवार, आडसूळ (१९९८): पर्यावरण भूगोल, सप्रेम प्रकाशन, कोल्हापूर
14. शिंदे,पेंडसे ,पेडणेकर, महाजन, चव्हाण, परमार (२००४): पर्यावरण अभ्यास, सेठ प्रकाशन, मुंबई
15. कुंभारे अ.रा. (२००४): पर्यावरणाचा अभ्यास, प्राची प्रकाशन, मुंबई
16. भोसले, पाटील, कुलकर्णी (२००८): आपत्ती व्यवस्थापन, फडके प्रकाशन, कोल्हापूर.

Research Journals:

1. Critical Disaster studies
2. Disaster Medicine and Public Health Preparedness
3. Disaster Prevention and Management: An International Journal
4. NIDM Journal
5. Disaster Recovery Journal

Additional Reading

1. Google Search
2. Red Cross Society official website
3. United Nations official website
4. WHO official website
5. [www.go](http://www.go.worldbank.org) worldbank.org
6. www.iowabar.org/Floods.nsf/
7. Daily news

Medium of Instruction: Marathi / English

Special Instructions, if any: Marathi

Library and Laboratory equipment's

Reference Books (Departmental Library)

Department of Geography

Examination Pattern- B.A.I

5. Examination Pattern: 60:40

(60 Weightage for End Semester Examination & 40 Weightage for Continuous and comprehensive Evaluation)

6. Nature of Question Paper:

End Semester Examination Question Paper Pattern for 60 Marks

- Instruction:** 1) All Questions are Compulsory.
2) All Questions carry equal marks.
3) Figures to the right indicate full marks.

Day and Date:

Total Marks: 60

Time: Two Hours

Q. 1. Choose the correct alternatives from the following 15

प्रश्न १. खालीलपैकी योग्य पर्याय निवडा.

Q.2. Write short Notes (Three out of Four) 15

प्रश्न २. टीपा लिहा (चार पैकी तीन)

Q.3. Write short answer (Three out of Four) 15

प्रश्न ३. थोडक्यात उत्तरे लिहा (चार पैकी तीन)

Q.4. Answer the following question in broad. (One out of Two) 15

प्रश्न ४. खालील प्रश्नाचे सविस्तर उत्तर लिहा. (दोनपैकी एक)

End Semester Examination Question Paper Pattern for 30 Marks

- Instruction:** 1) All Questions are Compulsory.
2) All Questions carry equal marks.
3) Figures to the right indicate full marks.

Day and Date:

Total Marks: 30

Time: One Hours

Q. 1. Choose the correct alternatives from the following 08

प्रश्न १. खालीलपैकी योग्य पर्याय निवडा.

Q.2. Write short Notes (*Two out of Three*) 10

प्रश्न २. टीपा लिहा (तीन पैकी दोन)

Q.3. Answer the following question in broad. (*One out of Two*) 12

प्रश्न ३ . खालील प्रश्नाचे सविस्तर उत्तर लिहा.(दोन पैकी एक)

7. CCE (Continuous and comprehensive Evaluation):

4.4 Activities 40 Marks: For major paper of 4 credit

4. Project - 20 Marks
5. Online Class test-10 Marks
6. Oral 10 Marks

4.5 Activities 40 Marks: For OE & Other 4 Credit

4. Home Assignment - 10 Marks
5. Online Class Test-10 Marks
6. Subject Specific Activity- 20 Marks

4.6 Activities 20 Marks:

2. Subject Specific Activity (All two credit papers Except CC) - 20 Marks



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