

Satyaniken's
Adv. M. N. Deshmukh Arts, Science and Commerce College
Rajur, Tal. Akole, Dist. Ahilyanagar, PIN- 422604

Department of Geography

POs, PSOs and COs

A) Programme Outcomes (POs): 2025-26

Sr. No.	Programme Outcomes : Statement
PO 1	Define and develop the interdisciplinary approach through the study of Geography
PO 2	Enhance employability and entrepreneur skills among the students.
PO 3	Demonstrate and appreciate the importance of diverse cultural, economic, regional, and resources perspective.
PO 4	Realization the importance of relation between Geography and various branches of Humanities, mental moral sciences.
PO 5	Demonstrate and understand the important concept and theories in the field of Geography.
PO 6	Demonstrate knowledge of physical and cultural features of the earth surface.
PO 7	Define basic disciplines of Geography and its sub branches.
PO 8	Discuss the basic concepts and terminologies used in Geography like interior of the earth, plate tectonic, sea floor spreading, population growth, disasters, composition and structure of atmosphere, hydrosphere, etc.
PO 9	Distinguish between minerals and rocks, weather and climate, interior of the earth, basic industries, farming etc.
PO 10	Describe the causes and effects of local, national and international problems like global warming, acid rain, ozone depletion, soil degradation, deforestation etc.
PO 11	Encourage to develop overall personality with soft skills and vocational competence among the students
PO 12	Enhance and rediscover knowledge skills and holistic approach towards life.

B) Programme Specific Outcomes (PSOs): 2025-26

Sr. No.	PSO Statement : After completing the B.A. in Geography, Students will be able to	Knowledge and Skills
PSO 1	Illustrate the geographical concepts and theories, practicals, regional approach focus on global, continental, countrywide and statewide.	Disciplinary knowledge
PSO 2	Understanding the ethical consideration in geographic research and environment values in developing sustainable resolves.	Moral & ethical awareness
PSO 3	Interpret the spatial relationships between places, people and environment.	Spatial analysis skills
PSO 4	Apply geographic knowledge and skills to solve real-world problems and issues.	Critical thinking & Problem Solving Ability
PSO 5	Analyze and interpret spatial data using GIS, Remote sensing and cartographic techniques.	Analytical reasoning / digitally literacy
PSO 6	Appraise geographic issues and regional to global perspectives in the context of sustainability.	Scientific reasoning
PSO 7	Capability to design, conduct and present field work/survey projects and research projects.	Research related skills/self-relative learning
PSO 8	Develop team work and leadership qualities through seminars, outdoor practicals, field work and study tours.	Team work /leadership qualities
PSO 9	Evaluate human impacts on environment and develop sustainable resolves.	Reflective thinking/
PSO 10	Creating skills for professional careers in the field of environmental management, rural development, urban planning, geospatial technologies, cartography, field survey techniques, disaster management, tourism sector etc.	Preparation for livelihoods/lifelong learning

C) Course Outcomes (COs): 2025-26

F.Y.B. A. Sem. I

GEO- 101- T - Introduction to Physical Geography

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.

GEO-102-P - Practicals in Physical Geography

CO 1	Identify different methods of relief representation
CO 2	Apply both qualitative and quantitative methods in representing and interpreting geographical features
CO 3	Draw and recognized relief and landform through contour pattern in the field.

OE- 101- GEO - Geography of Tourism

CO 1	Understand of the definition, nature, and scope of tourism.
CO 2	Recognize and articulate the economic, social, and cultural importance of tourism.
CO 3	Categorize tourism based on nationality, understanding the distinctions between domestic and international tourism.
CO 4	Analyze the impact of physical determinants such as relief, climate, forests, and water bodies on tourism development and experiences.
CO 5	Identify and evaluate the influence of religious, historical, and cultural factors on tourist attractions and destination choices.

SEC-102-GEO - Geography of Natural Resources

CO 1	Understand the classification and significance of natural resources.
CO 2	Analyze the problems related to the overuse of land, water, and forest resources.
CO 3	Explain the importance of land, water, and forest resources conservation.
CO 4	Evaluate policy and community-based approaches to resource management.
CO 5	Develop awareness of sustainability in resource planning.

F.Y.B. A. Sem. II

GEO-151-T - Introduction to Human Geography

CO 1	Define and explain the meaning, nature and scope of Human Geography.
CO 2	Discuss the different branches of Human Geography
CO 3	Appreciate the growth, distribution and composition of population in India
CO 4	Analyze the types and patterns of rural settlements

GEO-152-P - Practicals in Human Geography

CO 1	Identify different methods of representation of population indices.
CO 2	Identify patterns of nucleation and dispersion in human settlements
CO 3	Calculate and interpret crop combination methods to analyze spatial patterns and trends in agricultural land use

OE-151-GEO - Practicals in Tourism Geography

CO 1	Identify and describe the essential elements of tour planning.
CO 2	Prepare tour planning materials, including documentation and booking and cancellation systems for transport and accommodation.
CO 3	Develop skills required to plan and manage tours effectively.

SEC-152-GEO - Practicals in Geography of Natural Resources Conservation

CO 1	Navigate and operate Google Earth software effectively.
CO 2	Create and manage custom geographic data using placemarks, paths, and polygons
CO 3	Measure and analyze spatial features using built-in tools.
CO 4	Import/export geospatial data formats (KML/KMZ).
CO 5	Apply Google Earth for academic and field-based geographic research.

S.Y.B. A. Sem. III

GEO-201- MJ - Fundamentals of Geomorphology

CO 1	Define geomorphology and explain its scope, including the relationship with other Earth sciences.
CO 2	Identify the main branches of geomorphology and their applications.
CO 3	Evaluate the significance of geomorphology in understanding landscape formation, environmental processes, and human activities.
CO 4	Explain the origin of continents and oceans using the theories of plate tectonics and sea floor spreading.
CO 5	Classify slow and rapid crustal movements and their effects on the Earth's surface.
CO 6	Apply knowledge of tectonic processes to understand landform development, including mountain ranges, valleys, and faults.
CO 7	Identify and describe the major agents of erosion and deposition, including rivers, sea waves, and wind.
CO 8	Relate the processes of erosion and deposition to real-world geomorphological features and landscapes.
CO 9	Explain the concept of applied geomorphology and its relevance to real-world
CO 10	Apply geomorphological knowledge to environmental hazard assessment.

GEO-202-MJP - Practicals in Fundamentals of Geomorphology

CO1	Demonstrate proficiency in interpreting SOI topographic sheets to identify geomorphological features such as relief and contour patterns
CO2	Recognize and explain the formation and characteristics of fluvial/coastal landforms using topographic maps or Google Earth.
CO3	Measure and interpret slope angles to understand their implications for geomorphic processes and landscape development
CO4	Identify and analyze drainage patterns and explain their geomorphological significance, emphasizing their role in watershed and terrain evolution
CO5	Create and interpret cross-sectional profiles of landscapes to understand elevation changes, landform processes, and spatial relationships
CO6	Apply Strahler's method to classify stream orders and assess drainage basin characteristics effectively
CO7	Use SOI topographic maps and GPS devices to map landforms accurately during field excursions
CO8	Conduct field surveys and Compile a detailed report summarizing field observations, including mapped data, identified landforms, and geomorphological interpretations

GEO-221- VSC - Introduction to Cartography

CO 1	Understand the fundamental concepts in cartography
CO 2	Recognize the importance and application of cartographic techniques in understanding map, map scale, and projection
CO 3	Appreciate the importance of skill development and education in cartographic techniques.

FP / OJT / CEP - Field Visit and Report Writing

CO 1	Gain practical exposure by conducting field visits to various geographical locations, observing and analyzing natural, urban, and socio-economic environments.
CO 2	Develop essential research skills by applying field-based data collection techniques, mapping, surveys and interviews.
CO 3	Improve technical writing skills by preparing structured field report that includes research objectives, methodology, data analysis, and observations.
CO 4	Cultivate industry-relevant skills through hands-on training, field exposure, and interactions with professionals in education, research, and various sectors.

S.Y.B. A. Sem. IV

GEO -241-MN - Physical Geography of India

CO 1	Remember the location and physical features of India.
CO 2	Understand and explain the drainage system of India.
CO 3	Understand the characteristics of major seasons of India
CO 4	Understand the major soil and forest types and their distribution.

GEO -242 –MNP - Practicals in Map Reading

CO 1	Develop practical skill and use of map scale and projection.
CO 2	Understand the new techniques, accuracy and skills of map making.
CO 3	Understand and prepare different kinds of maps.
CO 4	Recognize basic themes of map making.

OE -201-GEO - Political Geography

CO 1	Understand how Geography affects politics and how politics affects Geography
CO 2	Understand the basic concepts in Political Geography
CO 3	Distinguish between nation, state, frontier and boundaries
CO 4	Understand major political conflicts and issues of the India and World

GEO- 201- IKS - Indian Geographical Knowledge

CO 1	Understand the IKS
CO 2	Utilize the multifaceted nature of IKS and its importance in contemporary society.
CO 3	Explain the Geographical knowledge in vedas, vedangas, Upavedas and Puranas.
CO 4	Acquire the development of Indian Geographical knowledge and its importance in contemporary society.
CO 5	Study Indian Geographical knowledge in detail and explore their application potential

GEO-251-MJ - Introduction to Population and Settlement Geography

CO 1	Understand the core concepts and interdisciplinary nature of population and settlement Geography
CO 2	Analyze population growth and its determinants
CO 3	Evaluate population theories and policies
CO 4	Understand settlement distribution and growth dynamics
CO 5	Understand challenges of urbanization and settlement planning

GEO- 252-MJP - Practicals in Population and Settlement Geography

CO 1	Analyze population growth and mortality trends using quantitative techniques
CO 2	Apply methods to assess population density and projection
CO 3	Utilize quantitative models in settlement studies
CO 4	Integrate theory and practice through case studies

GEO-271-VSC - Practicals in Cartography

CO 1	Understand and explain the fundamental concepts of maps, including their classifications and the importance of map scales in cartography.
CO 2	Apply various cartographic techniques to represent geographical data visually, utilising appropriate methods and tools for accurate portrayal.
CO 3	Construct different types of maps and diagrams, demonstrating proficiency in using thematic mapping techniques and map projections.
CO 4	Critically analyze and interpret maps, evaluating their effectiveness in conveying information and making geographical decisions.

GEO-281-CEP - Community Engagement Programme

CO 1	Analyze and assess the needs and challenges faced by a community through fieldwork and surveys
CO 2	Design comprehensive and feasible engagement programmes to address specific community issues
CO 3	Demonstrate the ability to execute and monitor community engagement projects effectively

CO 4	Evaluate the impact of community initiatives using qualitative and quantitative methods
CO 5	Reflect on personal learning and growth through engagement activities and teamwork
CO 6	Apply ethical practices and promote inclusivity and sustainability in community projects

GEO-291-MN - Physical Geography of Maharashtra

CO 1	Ability to describe and analyze the administrative structure of Maharashtra.
CO 2	Explain the physical features of Maharashtra
CO 3	Explore and describe the climatic diversity of Maharashtra.
CO 4	Assess the environmental and resource management challenges facing Maharashtra.

GEO-292-MNP - Practicals in Weather Observation

CO 1	Explain the mechanisms and functions of weather instruments
CO 2	Demonstrate the use of weather instruments
CO 3	Record and interpret weather data
CO 4	Understand and interpret the IMD weather maps
CO 5	Identify meteorological symbols
CO 6	Analyze isobaric patterns
CO 7	Evaluate seasonal weather conditions
CO 8	Develop practical skills in weather forecasting
CO 9	Engage in field observations and reporting

OE -251- GEO - Introduction to GPS

CO 1	Acquire knowledge about the concepts of GPS.
CO 2	Understand the various applications of GPS.
CO 3	Conduct field surveys using GPS instrument.
CO 4	Gain skills to prepare maps with the help of GPS data.

SEC- 251- GEO - Practical in Fundamentals of Statistics

CO 1	Classify and differentiate between different types of data, variables and sampling methods
CO 2	Utilize graphical techniques to present statistical data using histograms, frequency and ogive curves
CO 3	Apply descriptive statistics by computing and interpreting measures of central tendency and dispersion
CO 4	Develop students' practical skills in statistical analysis and problem-solving.

T.Y.B. A. Sem. V

Gg: 310(A) - Geography of Tourism- I

CO 1	Understand the history of Tourism.
CO 2	Introduce the students to the basic concepts in Tourism Geography
CO 3	Understand the types of Tourism.
CO 4	To gain knowledge different aspects of Tourism Geography.

Gg: 320(A) - Geography of India - I

CO 1	Explain the importance of geography of our Nation.
CO 2	Make the aware of the magnitude of problems and Prospects at National level.
CO 3	Identify the inter relationship among the subject and the society.
CO 4	Understand the current trends in regional studied
CO 5	Realize about diversity of our nation i.e. Religious, Languages, Tribes etc
CO 6	Acquaint the knowledge about different types of resources and their utility

Gg: 301(A) - Practical Geography – I (Techniques of Spatial Analysis)

CO 1	Interpret and analysis of survey of India's Toposheet/ map
CO 2	Identify different methods of Relief Representation
CO 3	Describe and analysis of Indian Daily weather maps and their applications.
CO 4	Apply Remote Sensing Techniques in Geography

SEC 2C - Research Methodology – I

CO 1	To develop the understanding of the basic concept of research
CO 2	To develop the understanding of the basic framework of sampling and data collection
CO 3	To develop the understanding of various sampling methods and techniques
CO 4	To identify various sources of information about data collection.
CO 5	Understanding of the conducting survey on various issues and develop the Report writing skill

T.Y.B. A. Sem. VI

Gg: 310(B) - Geography of Tourism- II

CO 1	Understand the accommodation types.
CO 2	The students should be able to integrate various factors of economic development and dynamic aspect of tourism geography.
CO 3	Understand the planning and policy of tourism world wide.
CO 4	To make aware the students about some Hill Station, Historical and National Parks

Gg: 320(B) - Geography of India -II

CO 1	Explain the importance of geography of our Nation.
CO 2	Make the aware of the magnitude of problems and Prospects at National level.
CO 3	Identify the inter relationship among the subject and the society.
CO 4	Understand the current trends in regional studied
CO 5	Realize about diversity of our nation i.e. Religious, Languages, Tribes etc
CO 6	Acquaint the knowledge about different types of resources and their utility

Gg: 301(B) - Practical Geography – II

CO 1	Create the awareness about the open source software and techniques of visualization
CO 2	Describe basic of Statistical data and the skill of data representation
CO 3	Calculate Central Tendency, Variance and Standard Deviation, Correlation and Regression, and
CO 4	Testing of Hypothesis
CO 5	Conduct Survey of socio-economic conditions of a village/ field investigation and report writing

SEC 2 D - Research Methodology – II

CO 1	To develop the understanding of the basic concept of research
CO 2	To develop the understanding of the basic framework of sampling and data collection
CO 3	To develop the understanding of various sampling methods and techniques
CO 4	To identify various sources of information about data collection.
CO 5	Understanding of the conducting survey on various issues and develop the Report writing skill

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