Rayat Shikshan Sanstha's

Annasaheb Awate Arts, Commerce and Hutatma Babu Genu Science College, Manchar

Tal. Ambegaon, Dist Pune, Maharashtra 410503

DEPARTMENT OF GEOGRAPHY

Course Outcomes: B.A. Geography

CO	By the end of this course, student will be able to:
Class : S.Y.B.A. SEM-III	**GEO-201- MJT 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.
Class : S.Y.B.A. SEM-III	**GEO-202-MJP Practicals in Fundamentals of Geomorphology**
CO 1	Demonstrate proficiency in interpreting SOI topographic sheets to identify geomorphological features such as relief and contour patterns.
CO 2	Recognize and explain the formation and characteristics of fluvial/coastal landforms sing topographic maps or Google Earth.

CO 3	Measure and interpret slope angles to understand their implications for geomorphic processes and landscape development.
CO 4	Identify and analyze drainage patterns and explain their geomorphological significance, emphasizing their role in watershed and terrain evolution.
CO 5	Create and interpret cross-sectional profiles of landscapes to understand elevation changes, landform processes, and spatial relationships.
CO 6	Apply Strahler‟s method to classify stream orders and assess drainage basin characteristics effectively.
CO 7	Use SOI topographic maps and GPS devices to map landforms accurately during field excursions.
CO 8	Conduct field surveys and Compile a detailed report summarizing field observations, including mapped data, identified landforms, and geomorphological interpretations.
Class : S.Y.B.A. SEM-III GEO -222 -VSC Introduction to Surveying	
CO 1	Grasp fundamental surveying principles and the importance of modern techniques.
CO 2	Develop skills in linear, areal and vertical measurements of land.
CO 3	Acquire a comprehensive understanding of surveying instruments.
CO 4	Gain employment opportunities in land measurement and surveying.
Class : S.Y.B.A. SEM-III GEO -231-FP **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.
Class : S.Y.B.A. SEM-III 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.
Class : S.Y.B.A. SEM-III 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.
Class : S.Y.B.A. SEM-III 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.
Class : S.Y.B.A. SEM-III 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.
Class : S.Y.B.A. SEM-IV 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.

Class : S.Y.B.A. SEM-IV 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.
Class : S.Y.B.A. SEM-IV GEO - 272 -VSC Practicals in Surveying	
CO 1	Understand fundamental surveying principles and the importance of modern techniques.
CO 2	Develop skills in linear, areal and vertical measurements of land.
CO 3	Acquire a comprehensive understanding of surveying instruments.
CO 4	Gain employment opportunities in land measurement and surveying.
Class : S.Y.B.A. SEM-IV 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.
Class : S.Y.B.A. SEM-IV 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.
Class : S.Y.B.A. SEM-IV 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.
Class : S.Y.B.A. SEM-IV 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.
Class : S.Y.B.A. SEM-IV 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.

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