

**KTSP Mandals**  
**Hutatma Rajguru Mahavidyalaya, Rajgurunagar**  
**Tal – Khed, Dist. – Pune, Pin – 410505**  
**Department of Geography**  
**Programme Outcomes and Course Outcomes**  
**Academic Year 2022-2023**

<b>B. A. Geography Programme Outcomes</b>
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After successfully completing B.A. Geography Programme students will be able to:

**PO1:** Apply qualitative and quantitative research techniques to gather and analyse data on social, cultural, and ecological problems.

**PO2:** Apply clear written and oral communication skills to communicate results of research.

**PO3:** Demonstrate connections between everyday life at the local scale and the larger economic, social, and/or environmental forces that network them into a global community.

**PO4:** Evaluate cultural, social, and environmental processes with a particular focus on space and place, critical theory, practical application, analysis and/or social justice.

**PO5:** Think in spatial terms to explain what has occurred in the past as well as using geographic principles to understand the present and plan for the future.

**PO6:** Present completed researches, including an explanation of methodology and scholarly discussion, both orally and in written form and, wherever possible, utilize cartographic tools and other visual formats.

**PO7:** Demonstrate general understanding of how the physical environment, human societies, and local and global economic systems are integral to the principles of sustainable development.

**PO8:** Demonstrate acquisition of Weather chart/map, map aerial photograph and Image reading skill.

**PO9:** Apply Remote sensing concepts, techniques and their application.

**PO10:** Serve as a Geographer and work as a surveyor in various Govt. Departments.

**PO11:** Work as a teacher in schools and high schools.

**PO12:** Serve as conservator in forest, Soil, Agri, Departments.

**PO13:** Work in disaster and water resources management.

**PO14:** Serve in forest department as forest conservator.

**PO15:** Serve in cartographer in map making divisions of Government and work in NGOs.

**PO16:** Can Prepare for Competitive exams.

## Programme Outcomes of B. A. Geography

After completing B. A. Geography programme will have

**PSO1:** Demonstrate and understanding of principles and theories of Geography. This include Geomorphology, Economic Geography, Human Geography, Agriculture Geography.

**PSO2:** Apply Statistical Techniques of Spatial Analysis.

**PSO3:** Demonstrate ability to apply knowledge learned in classroom to set and perform simple laboratory experiments in geography.

**PSO4:-** The student develops theoretical, applied and computational skills.

**PSO4:-** Be able to use and analyze maps.

**PSO5 :-** Students will understand global and regional patterns of cultural, political, economic and agricultural institutions.

**PSO6:-** Students will have a general understanding of the various theoretical and methodological approaches in both physical and human geography and be able to develop research questions and critically analyze both qualitative and quantitative data to answer those questions.

**PSO7:-** To understand the scope and content of commercial geography in relation to the spatial distribution of resources.

**PSO8:** Develop research questions and critically analyse both qualitative and quantitative data to answer those questions using various theoretical and methodological approaches in both physical and human geographies.

**PSO9:** Develop a general understanding of global human population patterns, factors influencing the distribution and mobility of human populations including settlement and economic activities and networks, and human impacts on the physical environment.

**PSO10:** Read, interpret, and generate maps and other geographic representations as well as extract, analyse, and present information from a spatial perspective

## Course outcomes – Geography syllabus

Class	Semester	Paper	Subject	Course Outcome
FYBA	I	DSE (Discipline Specific Elective) - I Geography	Geography	CO1. To introduce the students to the basic and latest concepts in Physical geography. CO2. To acquaint the students

		<p style="text-align: center;"><b>Physical Geography</b></p>	<p>with the utility and application of Physical geography in different regions and environment.</p> <p><b>CO3.</b> To make the students aware about Earth system (Lithosphere, Atmosphere, Biosphere and Hydrosphere)</p> <p><b>CO4.</b> Students will understand the concept of place and how it is connected to people's sense of belonging to the physical environment, landscape and culture.</p> <p><b>CO5.</b> Students will be exposed to the nature of physical systems such as geomorphologic processes and natural hazards.</p> <p><b>CO6.</b> Students will be able to read and interpret information on different types of physical features.</p> <p><b>CO7.</b> The geographical maturity of students in their current and future courses shall develop.</p> <p><b>CO8.</b> Describe what Geography and Physical Geography are.</p> <p><b>CO9.</b> Understand the physical principles and processes governing the circulation and characteristics of the atmosphere</p> <p><b>CO10.</b> Understand the principles of geomorphology and the processes that shape the</p>
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				<p>landscape.</p> <p><b>CO11.</b> Understand the directional and location systems employed on the surface of the Earth</p> <p><b>CO12.</b> To understand the dynamics of the atmosphere, the ocean and the overall climatologically system.</p>
<b>FYBA</b>	<b>I</b>	<b>DSE (Discipline Specific Elective) - II Human Geography</b>	<b>Geography</b>	<p><b>CO1.</b> Students will develop a concrete understanding of the concepts of “space,” “place” and “region” and their importance in explaining world affairs.</p> <p><b>CO2.</b> Students will understand general demographic principles and their patterns at regional and global scales.</p> <p><b>CO3.</b> Students will be able to locate on a map major physical features, cultural regions, and individual states and urban centers.</p> <p><b>CO4.</b> Students will acquire an understanding of and appreciation for the relationship between geography and culture.</p> <p><b>CO5.</b> Students will have a general understanding of global human population patterns, factors influencing the distribution and mobility of human populations.</p> <p><b>CO6.</b> Students will be able to think in spatial terms to explain</p>

				<p>what has occurred in the past as well as using geographic principles to understand the present and plan for the future.</p> <p><b>CO7.</b> Students can Describes what geography and human geography are and also understand population dynamics and migration pattern.</p> <p><b>CO8.</b> Students will understand the settlement pattern of Rural and Urban settlements.</p> <p><b>CO12.</b> Students can understand the urbanization process, theories of urbanization respective to India and Maharashtra.</p> <p><b>CO9.</b> Students will able to understand types of agriculture.</p> <p><b>CO10.</b> Students will be analyzing the factors affecting on agricultural activity.</p> <p><b>CO11.</b> Students will be able to understand the problems of farmers and Indian Agriculture</p>
<b>FYBCOM</b>	<b>I</b>	<b>Commercial Geography – I</b>	<b>Geography</b>	<p><b>CO1.</b> To acquaint the students with the dynamic nature of commercial geography.</p> <p><b>CO2.</b> To acquaint the students with the dynamic nature of Trade and Transport.</p> <p><b>CO3.</b> To make students aware of the relationships between geographical factors and</p>

				<p>economic activities.</p> <p><b>CO4.</b> The geographical maturity of students in their current and future courses shall develop.</p> <p><b>CO5.</b> To make students of the Commerce faculty aware of the correlations between Economic activities and Geographical factors.</p> <p><b>CO6.</b> To acquaint the students with various economic activities in Geographical Environment.</p> <p><b>CO7.</b> To acquaint the students with the dynamic aspects of resources and need for their conservation.</p> <p><b>CO8.</b> To make the students aware about the role and dynamics of population in Commerce.</p> <p><b>CO9.</b> To understand the human resources and concepts of population.</p>
<b>FYBCOM</b>	<b>II</b>	<b>Commercial Geography – II</b>	<b>Geography</b>	<p><b>CO1.</b> To understand the scope and content of commercial geography in relation to the spatial distribution of resources.</p> <p><b>CO2.</b> To acquaint the students with the dynamic nature of commercial geography.</p> <p><b>CO1.</b> To acquaint the students with the dynamic nature of Trade and Transport.</p>

				<p><b>CO3.</b> To make students aware of the relationships between geographical factors and economic activities.</p> <p><b>CO4.</b> To make students of the Commerce faculty aware of the correlations between Economic activities and Geographical factors.</p> <p><b>CO5.</b> To acquaint the students with the Industrial sector and the pollution associated with it.</p> <p><b>CO6.</b> To make the students aware of the changing role of transport and communication in Trade and Commerce.</p> <p><b>CO7.</b> To make the students aware of the role of tourism in development</p>
<b>SYBA</b>	<b>III</b>	<b>Environment Geography- I, Subject Code: Gg.210 (A)</b>	<b>Geography</b>	<p><b>CO1.</b> the student are awareness about dynamic environment.</p> <p><b>CO2.</b> students aware about fundamental concepts of environment geography for development in different areas.</p> <p><b>CO3.</b> The students should be able to integrate various factors of Environment and dynamic aspect of Environmental geography.</p> <p><b>CO4.</b> To make aware the students about the problems of environment, their utilization and</p>

				<p>conservation in the view of sustainable development</p> <p><b>CO5.</b> Students are aware about dynamic environment. They get knowledge about environment and importance on environment for Human and other life.</p> <p><b>CO6.</b> Student acquaints the fundamental concepts of environment Geography for development.</p> <p><b>CO7.</b> The students are able to integrate various factors of environmental aspects.</p> <p><b>CO8.</b> Students are aware about problems of environment, there utilization and conservation in the view of sustainable development.</p> <p><b>CO9.</b> Students are assimilate concept of biodiversity, its economic potential, loss and conservation of biodiversity</p> <p><b>CO10.</b> Students are understood the concept of pollution, its types, causes, effects, and control measures</p>
<b>SYBA</b>	<b>III</b>	<b>Population Geography – I</b> <b>Subject Code:</b> <b>Gg.220</b>	<b>Geography</b>	<p><b>CO1.</b> Students can understand the history of population.</p> <p><b>CO2.</b> Students are able to introduce the basic concepts in Population Geography.</p> <p><b>CO3.</b> Students are aware and understand the types of Population</p>



				<p>data.</p> <p><b>CO4.</b> Student can understand the uses of census data and type of census data.</p> <p><b>CO5.</b> Students are able to graphical presentation of population data on various types of map.</p> <p><b>CO6.</b> Students are aware about various computer software those are analyzing and presenting the population data.</p> <p><b>CO7.</b> Students are aware about growth of population and factors affecting on population growth.</p> <p><b>CO8.</b> To understand the concept of fertility and mortality and there causes and effects on society.</p> <p><b>CO9.</b> Students can understand the composition of population and related concepts.</p>
<b>SYBA</b>	<b>III</b>	<b>Scale and Map Projection - 1, Subject Code: Gg. 201</b>	<b>Geography</b>	<p><b>CO1.</b> Students can aware about basic concepts in Practical Geography</p> <p><b>CO2.</b> Students are enabling to use various Scales and Projection Techniques in Geography.</p> <p><b>CO3.</b> Students are acquainting with the utility of various Projections in Geographical knowledge.</p> <p><b>CO4.</b> Students are explaining the elementary and essential</p>

				<p>principles of practical work in Geography.</p> <p><b>CO5.</b> Students are able to practical skill and use of map scale and projection.</p> <p><b>CO6.</b> Students are aware of the new techniques, accuracy and skills of map making.</p>
<b>SYBA</b>	<b>III</b>	<b>Applied Course Of Disaster Management SEC – A</b>	<b>Geography</b>	<p><b>CO1.</b> Students are understood the basic concepts and fundamental structure of Disaster Management (DM).</p> <p><b>CO2.</b> Students are critically thinking and problem-solving abilities on disaster management.</p> <p><b>CO3.</b> Students are enable to assess the situation and design plan for Disaster management.</p> <p><b>CO4.</b> Students can differ between disaster and hazard.</p> <p><b>CO5.</b> Students can understand the phenomena manmade Disaster and Natural Disaster.</p> <p><b>CO6.</b> Students can understand the Phases of Disaster, Management and Role of Geographers and various organizations</p> <p><b>CO7.</b> Students are aware about Concept of Mitigation, Preparedness, Response, Recovery, and Rehabilitation.</p> <p><b>CO8.</b> Students are understand the pattern, type, causes and effect of</p>

				<p>earthquake, flood and epidemics like Covid-19.</p> <p><b>CO9.</b> Students are able to assess the data related to disaster.</p>
<b>SYBA</b>	<b>IV</b>	<b>Environment Geography- II, Subject Code: Gg.210 (A)</b>	<b>Geography</b>	<p><b>CO1.</b> Students realize and aware about dynamic environment</p> <p><b>CO2.</b> Students acquainted the fundamental concepts in environmental Geography.</p> <p><b>CO3.</b> Students acquaint about the past, presents and future utility and potentials of natural recourses</p> <p><b>CO4.</b> Students are aware about the problems of environments, its utilization and conservation in the view of sustainable development.</p> <p><b>CO5.</b> Students are known about environmental disaster, its meaning, and classification</p> <p><b>CO6.</b> Students are comprehended about environmental problems, like global warming, Ozone depletion, acid rain etc.</p> <p><b>CO7.</b> Students are assimilated meaning and need of planning and management, types of management, and environmental impact assessment.</p> <p><b>CO8.</b> Students are understood environmental education and Kyoto protocol.</p>
<b>SYBA</b>	<b>III</b>	<b>Population Geography – II</b>	<b>Geography</b>	<b>CO1.</b> Students can understand the difference between the

		<b>Subject Code:</b> <b>Gg.220</b>	<p>Population Policy of India and China.</p> <p><b>CO2.</b> Students can understand the Health indicator in India.</p> <p><b>CO3.</b> Students can acquaint students with the concept of urbanization in population geography.</p> <p><b>CO4.</b> Students can understand population theories.</p> <p><b>CO5.</b> Students can understand the concepts of population like over, optimum and under population.</p> <p><b>CO6.</b> Students are aware about explosion of population and there cause and effects.</p> <p><b>CO7.</b> Students are able to understand the population problems of India.</p> <p><b>CO8.</b> They are understood the contemporary issues of population.</p> <p><b>CO9.</b> Students are able to find out how the population becomes a resources and social capital.</p> <p><b>CO10.</b> Students are aware about the human development index and health indicators of India.</p> <p><b>CO11.</b> Students can understand the trends of population growth of world, nation and remedies about population growth.</p>
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SYBA	IV	<b>Cartographic Techniques, Surveying and Excursion / Village / Project Report , Subject Code: Gg. 201</b>	Geography	<p><b>CO1.</b> Students are understand the the basic and contemporary concepts in Cartography.</p> <p><b>CO2.</b> Students are able to the utility and applications of various Cartographic Techniques.</p> <p><b>CO3.</b> Students are able to understand the concepts regarding the modern cartography in the field of Geography.</p> <p><b>CO4.</b> Students are explaining the elementary and essential principles of practical work in Geography.</p> <p><b>CO5.</b> Students aware about knowledge and application of cartographical techniques.</p> <p><b>CO6.</b> Students aware of the new techniques, accuracy and skills of Map Making.</p>
SYBA	III	<b>Applied Course of Travel &amp; Tourism SEC – B</b>	Geography	<p><b>CO1.</b> Students can understand the various elements of tourism management.</p> <p><b>CO2.</b> Students are evaluating the role of transport in travel and tourism industry.</p> <p><b>CO3.</b> Students are developing the skills like to arrange, manage and implement various types of tours.</p> <p><b>CO4.</b> Students will be able to perform online as well as offline booking and cancellation</p>

				<p>procedures for different available modes of travel and tourism.</p> <p><b>CO5.</b> Students will be able to acquire earning skills in tourism industry</p> <p><b>CO6.</b> Students will be able to Basic skills like Communication, Time Management, Computer operating, online booking, Net banking, Cancellation of booking and ticket, etc.</p> <p><b>CO7.</b> Students are framing the tour plan (Itinerary): Budget (Costing), Duration, Insurance, Route and other requirements for individual, family, group and mass level tours.</p> <p><b>CO8.</b> Students are able to Plan for educational tour (long or short): Permission for tour, ticket booking, student's concession and ticket cancellation, etc.</p>
<b>TYBA</b>	<b>V</b>	<b>Geography of Tourism - I, Subject Code: Gg.310 (A</b>	<b>Geography</b>	<p><b>CO1.</b> To understand the history of Tourism</p> <p><b>CO2.</b> To introduce the students to the basic concepts in Tourism Geography.</p> <p><b>CO3.</b> To understand the types of Tourism</p> <p><b>CO4.</b> To gain knowledge different aspects of Tourism Geography.</p> <p><b>CO5.</b> Students can understands the Determinants of Tourism Development</p> <p><b>CO6.</b> To understand the importance of tourism.</p> <p><b>CO7.</b> To understand the context of nature and scope of tourism geography.</p>

				<p><b>CO8.</b> To understand the role of geography in tourism development.</p> <p><b>CO9.</b> To describe the relationship between Physical elements and tourism.</p> <p><b>CO10.</b> To understand the impact of social and cultural factors on tourism.</p> <p><b>CO11.</b> To understand the impact of political policies on tourism.</p> <p><b>CO12.</b> To aware about developing concept of tourism in modern times.</p> <p><b>CO13.</b> To understand the role of transport in tourism development.</p> <p><b>CO14.</b> to know about the impact of different media of communication on tourism.</p> <p><b>CO15.</b> To understand the Role of various tourism organization in tourism development.</p>
<b>TYBA</b>	<b>V</b>	<b>Geography of India - I, Subject Code: Gg.320 (A)</b>	<b>Geography</b>	<p><b>CO1.</b> To make the student aware of the magnitude of problems and Prospects at National level.</p> <p><b>CO2.</b> To help the students to understand the inter relationship between the subject and the society.</p> <p><b>CO3.</b> To help the students to understand the recent trends in regional studied</p> <p><b>CO4.</b> To understand the History of India.</p> <p><b>CO5.</b> To realized India's place in the world and geopolitical importance.</p> <p><b>CO6.</b> Aware about International borders of India and related problems.</p> <p><b>CO7.</b> To adequate the information about the states and union territories of India.</p> <p><b>CO8.</b> Students can understand the geographical/Physical structure of India in depth.</p> <p><b>CO9.</b> To Described the river system of India and its importance in the economic and social development of India.</p>

				<p><b>CO10.</b> To understand the climate of India and the impact of climate on human life.</p> <p><b>CO11.</b> To understand the different soil types and their distribution in India.</p> <p><b>CO12.</b> To aware about the causes of soil degradation and methods of soil conservation.</p> <p><b>CO13.</b> To studied the types of forests in India and their distribution in India.</p>
<b>TYBA</b>	<b>V</b>	<p><b>Practical</b></p> <p><b>Geography – I</b></p> <p><b>(Techniques of Spatial Analysis)</b></p> <p><b>Subject Code:</b></p> <p><b>Gg.301 (A)</b></p>	<b>Geography</b>	<p><b>CO1.</b> To introduce the basic concepts and techniques of Geographical Analysis.</p> <p><b>CO2.</b> To introduce the students with SOI Toposheets and acquire the Knowledge of Toposheet interpretation.</p> <p><b>CO3.</b> To introduce the students with Weather Maps and acquire the Knowledge of its interpretation.</p> <p><b>CO4.</b> To introduce the students with Aerial Photographs and Satellite Images and acquire knowledge to interpret it .</p> <p><b>CO5.</b> To acquaint students with the spatial and structural characteristics of Practical Geography.</p> <p><b>CO6.</b> To acquire the knowledge of different methods of relief representation in Indian topographical maps.</p> <p><b>CO7.</b> Students can read the Indian Topographical maps, and the art of gathering information will be learned with help of SOI maps.</p> <p><b>CO8.</b> Actual site visits will inform methods of acquiring knowledge of landforms and other geographical features.</p> <p><b>CO9.</b> The Knowledge of various weather factors will develop the knowledge of weather forecasting in students.</p> <p><b>CO10.</b> The Knowledge of observation of air pressure lines will be acquired, and will help to</p>



				<p>understand its effect on various climate phenomena.</p> <p><b>CO11.</b> Knowledge of modern information systems such as GIS and Remote Sensing will be developed.</p> <p><b>CO12.</b> The art of deploying data contained in geographic information systems will be learned.</p> <p><b>CO13.</b> To aware about GIS and Remote Sensing related open source software will be available on computer.</p> <p><b>CO14.</b> To explain the elementary and essential principles on field of practical work.</p>
<b>TYBA</b>	<b>V</b>	<b>Research Methodology –I</b> <b>Subject Code:</b> <b>SEC – 2C</b>	<b>Geography</b>	<p><b>CO1.</b> To develop the understanding of the basic concept of research</p> <p><b>CO2.</b> To develop the understanding of the basic framework of sampling and data collection</p> <p><b>CO3.</b> To develop the understanding of various sampling methods and techniques.</p> <p><b>CO4.</b> To understand the steps of research process.</p> <p><b>CO5.</b> Students can design the good research proposal.</p> <p><b>CO6.</b> To aware about different types of research.</p>
<b>TYBA</b>	<b>VI</b>	<b>Geography of Tourism - II,</b> <b>Subject Code:</b> <b>Gg.310 (A</b>	<b>Geography</b>	<p><b>CO1.</b> Students can realize the importance of accommodation in tourism development.</p> <p><b>CO2.</b> To know about different types of accommodation.</p> <p><b>CO3.</b> To Understand the role of tourism in economic development.</p> <p><b>CO4.</b> To understand the impact of tourism on the environment.</p> <p><b>CO5.</b> To describe the the impact of tourism on social and cultural factors.</p> <p><b>CO6.</b> Students can learn about the functions of World Tourism Organization and its role in tourism development.</p>

				<p><b>CO7.</b> Students can know the functions of Indian Tourism Development Corporation and its role in tourism development.</p> <p><b>CO8.</b> To understand the functions of Maharashtra Tourism Development Corporation and its role in tourism development can be known.</p> <p><b>CO9.</b> To know about various tourist places of India and their importance in economic development.</p>
<b>TYBA</b>	<b>VI</b>	<b>Geography of India - II, Subject Code: Gg.320 (A)</b>	<b>Geography</b>	<p><b>CO1.</b> It will help to understand the scio-cultural setup of India.</p> <p><b>CO2.</b> To know about Distribution of languages, and religions in India.</p> <p><b>CO3.</b> To gain Knowledge about major tribes of India, their distribution and their problems.</p> <p><b>CO4.</b> To acquire Information about the role of transport in regional development in India.</p> <p><b>CO5.</b> To understand the different types/modes of transportation and their distribution in India.</p> <p><b>CO6.</b> It will help to understand the importance of communication in regional development.</p> <p><b>CO7.</b> To know the information regarding the distribution of energy resources and other resources in India.</p> <p><b>CO8.</b> To describe importance of agriculture in the Indian economy.</p> <p><b>CO9.</b> Can be known about distribution and importance of agricultural industries in India like sugar industry, textile industry</p> <p><b>CO10.</b> To gain information about the various revolutions that have taken place in the agricultural in India.</p>
<b>TYBA</b>	<b>VI</b>	<b>Practical Geography – II (Techniques of Spatial</b>	<b>Geography</b>	<p><b>CO1.</b> To understand the various types of data and basic analysis of data.</p> <p><b>CO2.</b> Students can handle and collect various types of primary and secondary data.</p>

		<p>Analysis)  <b>Subject Code:</b>  <b>Gg.301 (A)</b></p>		<p><b>CO3.</b> To understand meaning and description of central tendency.  <b>CO4.</b> Students can use the methods of central tendency for various types of geographical data.  <b>CO5.</b> To understand types of hypothesis and proper use in geographical research.  <b>CO6.</b> Student can understand the concept of correlation and regression.  <b>CO7.</b> Skill of data acquiring enhancing in students.  <b>CO8.</b> Observation skills of physiographic features has increases in students.  <b>CO9.</b> Students can communicate the peoples by various field survey methods.  <b>CO10.</b> To write a good report of field visit or social surveys.</p>
<b>TYBA</b>	<b>VI</b>	<p><b>Research</b>  <b>Methodology –</b>  <b>II Subject</b>  <b>Code: SEC –</b>  <b>2C</b></p>	<b>Geography</b>	<p><b>CO1.</b> To identify various sources of information for data collection.  <b>CO2.</b> Understanding of the conducting survey on various issues and develop the Report writing skill of students  <b>CO3.</b> To know and handle the primary data sources.  <b>CO4.</b> To aware about secondary data sources.  <b>CO5.</b> Students can write the Dissertation and Thesis, Research paper, review article.  <b>CO6.</b> To understand the characteristics of Good Research and Report Writing.</p>



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