

KTSP Mandals

Hutatma Rajguru Mahavidyalaya, Rajgurunagar

Tal – Khed, Dist. – Pune, Pin – 410505

DEPARTMENT OF GEOGRAPHY

Academic Year 2021-2022

B. A. Geography Programme Outcomes

After successfully completing B.A. Geography Programme students will be able to:

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

PO2: Apply clear written and oral communication skills to communicate the results of the 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 a 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 a conservator in forest, Soil, Agri, Departments.

PO13: Work in disaster and water resources management.

PO14: Serve in the forest department as a forest conservator.

PO15: Serve as a cartographer in map-making divisions of Government and work in NGOs.

PO16: Can Prepare for Competitive exams.

Program Outcomes of B. A. Geography
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After completing the B. A. Geography program will have

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

PSO2: Apply Statistical Techniques of Spatial Analysis.

PSO3: Demonstrate ability to apply knowledge learned in the 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 analyze 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, analyze, and present information from a spatial perspective

Choice Based Credit System Syllabus

Semester I - DSE (Discipline Specific Elective) - I Geography

Physical Geography

Course Outcome:

- CO1.** To introduce the students to the basic and latest concepts in Physical geography.
- CO2.** To acquaint the students with the utility and application of Physical geography in different regions and environments.
- CO3.** To make the students aware of the Earth system (Lithosphere, Atmosphere, Biosphere, and Hydrosphere)
- CO4.** 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.
- CO5.** Students will be exposed to the nature of physical systems such as geomorphologic processes and natural hazards.
- CO6.** Students will be able to read and interpret information on different types of physical features.
- CO7.** The geographical maturity of students in their current and future courses shall develop.
- CO8.** Describe what Geography and Physical Geography are.
- CO9.** Understand the physical principles and processes governing the circulation and characteristics of the atmosphere
- CO10.** Understand the principles of geomorphology and the processes that shape the landscape.
- CO11.** Understand the directional and location systems employed on the surface of the Earth
- CO12.** To understand the dynamics of the atmosphere, the ocean, and the overall climatological system.

Semester II - DSE (Discipline Specific Elective) - II Geography

Human Geography

Course Outcome:

CO1. Students will develop a concrete understanding of the concepts of “space,” “place” and “region” and their importance in explaining world affairs.

CO2. Students will understand general demographic principles and their patterns at regional and global scales.

CO3. Students will be able to locate on a map major physical features, cultural regions, and individual states, and urban centers.

CO4. Students will acquire an understanding of and appreciation for the relationship between geography and culture.

CO5. Students will have a general understanding of global human population patterns, factors influencing the distribution and mobility of human populations.

CO6. Students will be able to 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.

CO7. Students can describe what geography and human geography are and also understand population dynamics and migration patterns.

CO8. Students will understand the settlement pattern of Rural and Urban settlements.

CO12. Students can understand the urbanization process, theories of urbanization respective to India and Maharashtra.

CO9. Students will be able to understand the types of agriculture.

CO10. Students will analyze the factors affecting agricultural activity.

CO11. Students will be able to understand the problems of farmers and Indian Agriculture.

Semester I

Elements of Commercial Geography – I

Course Outcome:

CO1. To acquaint the students with the dynamic nature of commercial geography.

CO2. To acquaint the students with the dynamic nature of Trade and Transport.

CO3. To make students aware of the relationships between geographical factors and economic activities.

CO4. The geographical maturity of students in their current and future courses shall develop.

CO5. To make students of the Commerce faculty aware of the correlations between Economic activities and Geographical factors.

CO6. To acquaint the students with various economic activities in Geographical Environment.

CO7. To acquaint the students with the dynamic aspects of resources and need for their conservation.

CO8. To make the students aware of the role and dynamics of the population in Commerce.

CO9. To understand the human resources and concepts of population.

Semester II

Elements of Commercial Geography – II

Course Outcome:

CO1. To understand the scope and content of commercial geography in relation to the spatial distribution of resources.

CO2. To acquaint the students with the dynamic nature of commercial geography.

CO1. To acquaint the students with the dynamic nature of Trade and Transport.

CO3. To make students aware of the relationships between geographical factors and economic activities.

CO4. To make students of the Commerce faculty aware of the correlations between Economic activities and Geographical factors.

CO5. To acquaint the students with the Industrial sector and the pollution associated with it.

CO6. To make the students aware of the changing role of transport and communication in Trade and Commerce.

CO7. To make the students aware of the role of tourism in development.

Title of Course: S.Y.B.A. Geography (G2) Syllabus for Semester III

Name of Subject: Environment Geography- I, Subject Code: Gg.210 (A)

Course Outcome:

- CO1.** the student is aware of the dynamic environment.
- CO2.** students aware of fundamental concepts of environmental geography for development in different areas.
- CO3.** The students should be able to integrate various factors of the Environment and the dynamic aspect of Environmental geography.
- CO4.** To make aware the students about the problems of environment, their utilization and conservation in the view of sustainable development
- CO5.** Students are aware of the dynamic environment. They get knowledge about environment and importance on the environment for Human and other life.
- CO6.** Student acquaints the fundamental concepts of environment Geography for development.
- CO7.** The students are able to integrate various factors of environmental aspects.
- CO8.** Students are aware of problems of the environment, their utilization, and conservation in the view of sustainable development.
- CO9.** Students have assimilated the concept of biodiversity, its economic potential, loss, and conservation of biodiversity.
- CO10.** Students have understood the concept of pollution, its types, causes, effects, and control measures.

Title of Course: S.Y.B.A. Geography (G2) Syllabus for Semester IV

Name of Subject: Environment Geography- II, Subject Code: Gg.210 (B)

Course Outcome:

- CO1.** Students comprehended and awarded about the dynamic environment.
- CO2.** Students acquainted with the fundamental concepts in environmental Geography.
- CO3.** Students acquaint about the past, presents and future utility and potentials of natural recourses.

CO4. Students are aware of the problems of environments, their utilization, and conservation in the view of sustainable development.

CO5. Students know about environmental disaster, its meaning, and classification.

CO6. Students are comprehended about environmental problems, like global warming, Ozone depletion, acid rain, etc.

CO7. Students are assimilated meaning and need of planning and management, types of management, and environmental impact assessment.

CO8. Students are understood environmental education and the Kyoto protocol.

Title of Course: S.Y.B.A. Geography (S1) Syllabus for Semester III

Name of Subject: Population Geography, Subject Code: Gg.220 (A)

Course Outcome:

CO1. Students can understand the history of the population.

CO2. Students are able to introduce the basic concepts in Population Geography.

CO3. Students are aware of and understand the types of Population data.

CO4. Students can understand the uses of census data and the type of census data.

CO5. Students are able to the graphical presentation of population data on various types of maps.

CO6. Students are aware of various computer software that are analyzing and presenting the population data.

CO7. Students are aware of the growth of the population and the factors affecting population growth.

CO8. To understand the concept of fertility and mortality and their causes and effects on society.

CO9. Students can understand the composition of the population and related concepts.

Title of Course: S.Y.B.A. Geography (S1), Syllabus for Semester IV

Name of Subject: Population Geography, Subject Code: Gg.220 (B)

Course Outcome:

- CO1.** Students can understand the difference between the Population Policy of India and China.
- CO2.** Students can understand the Health indicator in India.
- CO3.** Students can acquaint students with the concept of urbanization in population geography.
- CO4.** Students can understand population theories.
- CO5.** Students can understand the concepts of the population like over, optimum, and under population.
- CO6.** Students are aware of the explosion of the population and their cause and effects.
- CO7.** Students are able to understand the population problems of India.
- CO8.** They have understood the contemporary issues of population.
- CO9.** Students are able to find out how the population becomes a resource and social capital.
- CO10.** Students are aware of the human development index and health indicators of India.
- CO11.** Students can understand the trends of population growth of world, nation, and remedies about population growth.

Title of Course: S.Y.B.A. Geography (S2), Syllabus for Semester III
Name of the Subject: Scale and Map Projection, subject Code: Gg. 201 (A)

Course Outcome:

- CO1.** Students can aware of basic concepts in Practical Geography
- CO2.** Students are enabled to use various Scales and Projection Techniques in Geography.
- CO3.** Students are acquainted with the utility of various Projections in Geographical knowledge.
- CO4.** Students explain the elementary and essential principles of practical work in Geography.
- CO5.** Students are able to practice skills and use map scale and projection.
- CO6.** Students are aware of the new techniques, accuracy, and skills of map-making.

Title of Course: S.Y.B.A. Geography (S2), Syllabus for Semester IV
Name of the Subject: Cartographic Techniques, Surveying, and Excursion / Village / Project Report subject Code: Gg. 201 (B)

Course Outcome:

- CO1.** Students understand the basic and contemporary concepts in Cartography.

- CO2.** Students are able to the utility and applications of various Cartographic Techniques.
- CO3.** Students are able to understand the concepts regarding modern cartography in the field of Geography.
- CO4.** Students are explaining the elementary and essential principles of practical work in Geography.
- CO5.** Students are aware of the knowledge and application of cartographical techniques.
- CO6.** Students are aware of the new techniques, accuracy, and skills of Map Making.

Name of Subject: APPLIED COURSE OF DISASTER MANAGEMENT	
Subject Code: SEC – A Semester - III	CBSE: 2020-21 S.Y.B.A. Geography
Total Credit:02,	Total Periods: 30

Course Outcome:

- The objectives of the course are to develop the following Skills among the students
- CO1.** Students understand the basic concepts and fundamental structure of Disaster Management (DM).
- CO2.** Students are critically thinking and problem-solving abilities on disaster management.
- CO3.** Students are enabled to assess the situation and design plans for Disaster management.
- CO4.** Students can differ between disaster and hazard.
- CO5.** Students can understand the phenomena of manmade Disasters and Natural disasters.
- CO6.** Students can understand the Phases of Disaster, Management, and Role of Geographers and various organizations
- CO7.** Students are aware of Concepts of Mitigation, Preparedness, Response, Recovery, Rehabilitation.
- CO8.** Students understand the pattern, type, causes, and effect of earthquakes, floods,s, and epidemics like Covid-19.
- CO9.** Students are able to assess the data related to the disaster.

Name of Subject: Applied Course of Travel & Tourism	
Subject Code: SEC –	B Semester -IV
Total Credit:02,	Total Periods: 30

Course Outcome:

- CO1.** Students can understand the various elements of tourism management.
- CO2.** Students are evaluating the role of transport in the travel and tourism industry.
- CO3.** Students are developing skills like arranging, manage and implement various types of tours.
- CO4.** Students will be able to perform online as well as offline booking and cancellation procedures for different available modes of travel and tourism.
- CO5.** Students will be able to acquire earning skills in the tourism industry
- CO6.** Students will be able to Basic skills like Communication, Time Management, Computer operating, online booking, Net banking, Cancellation of booking and ticket, etc.
- CO7.** Students are framing the tour plan (Itinerary): Budget (Costing), Duration, Insurance, Route, and other requirements for individual, family, group, and mass level tours.
- CO8.** Students are able to Plan for the educational tour (long or short): Permission for the tour, ticket booking, students concession, and ticket cancellation, etc.

Annual Pattern /2013 Pattern

GENERAL PAPER 3 FOR TYBA (G3)
Gg-310 Regional Geography of India

Course Outcome:

- CO1.** Students have known the geography of our Nation.
- CO2.** Students are aware of the magnitude of problems and Prospects at the National level.
- CO3.** Students understand the interrelationship between the subject and society.
- CO4.** Students understand the recent trends in regional studies.
- CO5.** Students are known about the physical characteristics of India.
- CO6.** Students are familiar with the cultural characteristics of India.
- CO7.** Students are developing knowledge about issues and policies and programs designed for regional development.
- CO8.** Students can understand the drainage system of India.
- CO9.** students understand the climatic zone, Characteristics, Origin, and Mechanism of the Monsoon.
- CO10.** Students can know the soils and forestry of India.

CO11. students are Understand the uses and location of the Mineral Resources and Energy Resources

CO12. Students can be aware of the agricultural pattern and recent trends in agriculture of India.

TYBA SPECIAL PAPER 3 FOR TYBA (S3)

Gg. 320: Population and Settlement Geography

Course outcome:

CO1. Students understanding of spatial and structural dimensions of population.

CO2. Students are familiarizing themselves with the global and regional distribution of population & equip them for comprehending the Indian situation.

CO3. Students are known about the spatial and characteristics of human settlement under varied environmental conditions.

CO4. Students understanding of spatial and structural dimensions of population.

CO5. Students are familiar with the global and regional level problems.

CO6. Students are acquainted with the spatial, political, and structural characteristics of human settlement under varied environmental conditions.

CO7. Students can understand the various sources of population data.

CO8. Students are able to understand the population dynamics and spatial patterns of population distribution.

CO9. They will be on familiar terms with the models and theories of population and settlement study.

CO10. Students can classify the man and environment relationship.

CO11. Students can also understand the new concepts of settlement and urbanization with respect to the modern era.

SPECIAL PAPER 4 FOR TYBA (S4)

Gg. 301: Techniques of Spatial Analysis (S-4)

Course outcome:

CO1. Students are known about SOI Toposheets, Arial Photographs & Satellite Image to acquire the knowledge physical & cultural features.

CO2. Students are to handle statistics towards analyzing geographical problems.

CO3. Students are aware of SOI Toposheets and to acquire the Knowledge of Toposheet Reading/Interpretation.

CO4. Students are familiar with the weather instruments and their applications in Geographical phenomena.

CO5. Students can understand the morphology of topography.

CO6. Students will able to understand the methods of relief representation.

CO7. Students will understand the Uses and Application of RS and GIS.

CO8. Students are acquainted with IMD weather maps and gain knowledge of weather map Reading/interpretation.

CO9. Students have known about elementary statistics as an essential part of geography.

CO10. Students are aware of GIS among students.



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