

**Balwant College, Vita**  
**Department of Geography**  
**Course Objectives & Course Outcomes**

Class	Sem.	Name of Paper	Paper No.	Course Objectives	Course Outcomes
<b>B.A.I &amp; B.Sc-I</b>	<b>I</b>	<b>Physical Geography</b>	<b>I</b>	To introduce the latest concepts in Physical Geography and Human Geography, Specifically in Atmosphere, Lithosphere, Fluvial Cycle, Hydrosphere, Human races, Population growth, Characteristics of Population and Settlements.	This course is useful for students to understand physical environment on the earth surface. Students also get knowledge about endogenic, exogenic forces and their effect on the earth surface. They also obtained the knowledge of origin and types of landforms.
	<b>II</b>	<b>Human Geography</b>	<b>II</b>	To acquaint the students with various dimensions of, as also the challenges, confronting the Indian economy. It endeavors to provide useful insights to the students about the present economic standing and composition of the Indian economy, the major sectors and their relative importance in the Indian economy and the major challenges faced by it.	This course is introducing the latest concepts of human geography, specifically relationship between man and nature, population growth, Demographic transition, migration, human settlements, Problems of urbanization.
<b>B.A.II</b>	<b>III</b>	<b>Soil Geography</b>	<b>III</b>	i) Students should know soil geography which is the fundamental branch of Physical Geography. ii) To familiarize the students with the basics and fundamental concepts of soil geography. iii) With this study, students understand soil is key resource for the development of any country. iv) Students are aware about process of soil formation and development as well as soil properties. v) Students should know classification, characteristics and distribution of soils.	To study this course students are aware about the significance of soil resource as well as they obtained the knowledge of different types and structure of soil. Students also obtained the knowledge of soil analysis and sustainable use of soil.

				vi) Students should know the concepts related to soil degradation and erosion, causes and controlling factors of soil erosion, conservation of soils. vii) Students should know the concept, need and methods soil of management.	
	<b>IV</b>	<b>Resource Geography</b>	<b>IV</b>	<ul style="list-style-type: none"> <li>• To understand the concept and classification of Resources.</li> <li>• To examine the major resources (water, forest, energy and human) with their distribution, utilization and problems.</li> <li>• To study the sustainable resource development.</li> <li>• The course also aims to familiarize the students with cartographic techniques.</li> </ul>	To study this course students are acquired knowledge of different types of resources, distribution and utilization of resources as well as sustainable use of different resources.
	<b>III</b>	<b>Oceanography</b>	<b>V</b>	<p>i) Students should know oceanography is the fundamental branch of Physical Geography. ii) To familiarize the students with the basic and fundamental concepts of oceanography. iii) With this study, students understand marine is key resource for the development of any country. iv) Students should know physical and chemical properties of oceans. v) Students should know types of oceanic currents and currents of Atlantic, Pacific and Indian oceans. vi) Students should know hypsographic curve, wind rose, iso-salinity lines and isotherms.</p>	This course is useful to study fundamental and basic concepts of oceanography. Students should aware about physical and chemical properties of oceans, ocean currents and its effects on climate.
	<b>IV</b>	<b>Agricultural Geography</b>	<b>VI</b>	<ul style="list-style-type: none"> <li>• To understand the concept and development of Agriculture.</li> <li>• To examine the role of agricultural determinants towards the changing cropping pattern.</li> <li>• To study the Green Revolution.</li> <li>• The course also aims to familiarize the students with the Agricultural concepts and modern technologies used in Agriculture.</li> </ul>	This course is to familiarize students with agricultural concepts, determinants of agriculture, types of agriculture and modern technology in agriculture.
<b>B.A.II I</b>	<b>V</b>	<b>Geography of India.</b>	<b>VII</b>	<p>1) To acquaint the students with distinct dimensions of India. 2) To understand the physical setup of the country. 3) To focus the climate of India and mechanism of monsoon of India. 4) To get</p>	To study this course students are familiarize the physical set up of India also get the knowledge of climate, soil, forest and drainage

<b>B.A.II I</b>				information about soils in India. 5) To get information about vegetation in India. 6) To make students aware of the magnitude and nature of problem & Prospectus of national & state level on geographical basis. 6) To help the students to understand recent trends in regional study	pattern in India. This course is useful for competitive examinations.
		<b>Economic Geography</b>	<b>VIII</b>	To Study the basic part of Economic Geography. • Student should get acquainted with the relationship of human activities with resources. • To Study the core part of subject at global level. • To study the global level situation and apply this knowledge at local level. • The students should get thorough knowledge of regional resources.	Students should get acquainted with the relationship between economic activities and natural resources. Students also obtained the knowledge of spatial pattern of different economic activities in the world
		<b>Research Methodology</b>	<b>IX</b>	1) To introduce the students with the importance of research methodology. 2) To understand the concepts in research methodology. 3) To give basic information to the students about research. 4) To get familiar with principles and techniques of research. 5) To understand the process and value of geographical research. 6) To develop skills for applying ICT in geography. 7) To aware the students research methodology with recent technology.	This course introduced students with the importance of research methodology, concepts in research methodology. Students also understand the different principles and techniques of research. This course helps students to use ITC in geographic research
		<b>Economic geography of India</b>	<b>X</b>	1) To acquaint the students with distinct dimensions of India. 2) To understand the economic setup of the country. 3) To focus on the agricultural product of the country. 4) To get information about air ways, railways, and road ways in India. 5) To get information about transport and trade in India.	Students should understand the economic setup of India e.g. agriculture, industries, trade and transport. This course is useful to competitive examination.
		<b>Urban Geography</b>	<b>XI</b>	• To Study the basic of Urban Geography. • To Study the types of Urban Settlements, site & Situation. • To get the ideas of relationship between human activities & urban development. • To make the students capable	In this course students are studied the process of urbanization, urban morphology and different urban problems

				for handling the present problematic situation in Urban and rural areas. • The students studying this syllabus will become good planner and environmental Conservator.	
		<b>Political Geography</b>	<b>XII</b>	1)To acquaint the students with distinct dimensions of Political Geography. 2) To acquaint the students with the nature of political Geography. 3)To create awareness about the role of geographical factors in influencing the political character of countries / regions. 4)To evaluate the geo political issues in the world with Special reference to India.	Students are aware about the role of geographical factors in the political characters of countries as well as different geo-political issues.
		<b>Map Work and Map Interpretation</b>	<b>XIII</b>	1) To introduce the students with the importance of map making & map Interpretation. 2) To make the students to understand map, concept of projection and concept of scale. 3) To provide training in analysis of landforms. 4) To develop the skill of map Interpretation among the students. 5) To give basic information to the students about S.O.I. topomaps and I.M.D. weather maps.	To study this course students are obtained the skill of map work and map interpretation. Students to familiarize with the different cartographic techniques and methods.
		<b>Advance Tools, Techniques and Field work.</b>	<b>XIV</b>	1) To introduce the students with the importance of field work & advanced Techniques in Geography. 2) To provide training in application of modern tool & techniques in Geography. 3) To enhance the skill of the students in instrumental survey. 4) To enable the students to understand the use of computer for analysis of Geographical data. 5) To give basic information to the students about Arial Photographs, Remote Sensing, GIS and GPS.	This course is introduce the students with the importance of field work as well as advance techniques in geography e.g. Remote sensing, GIS, GPS etc. This course helps to develop the Skill of Instrumental survey.

Rayat Shikshan Sanstha's  
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**PROGRAM OUTCOMES**

**PO1: Relating to Knowledge**

- 1.1 Provide explanation of definitions, relevant terms and concept of geography.
- 1.2 Provide better explanation about relevant principles, theories and models in geography.
- 1.3 Provide idea about detail knowledge regarding man and environmental process.

**PO2: Understanding and application**

- .1 Know the importance of spatio-temporal scale.
- 2.2 Know the relation or complex nature between physical and human environments.
- 2.3 Identify the importance of places, environment and people.
- 2.4 Understand how processes bring changes in systems and its distribution.

**PO3: Students Skills**

- 3.1 Collection, representation and Interpretation of geographical data and sources.
- 3.2 Presentation of geographical evidence and ideas with identifying geographical trends and patterns.
- 3.3 Application of the cartographical techniques to support the inferences of geographical aspects.
- 3.4 Make obvious skill of analysis of geographical information.

**PO4: Students Evaluation**

- 4.1 Critically evaluate the basics of geography.
- 4.2 Assess the effects of geographical processes and its impact on physical and human environments.
- 4.3 Assess how the viewpoints of different groups of people, potential conflicts of interest and other factors interact in the management of physical and human aspects.
- 4.4 Evaluate the relative success of failure of initiatives.

## **PROGRAMME SPECIFIC OUTCOME**

Geography mainly concerns changes in spatial attributes in a temporal perspective. The Honours programme in geography is tailored to meet the students' specific educational and professional goals in mind. It focuses on spatial studies, qualitative as well as quantitative, and emphasizes on human-environment relationship. During the first year of the programme, the students are trained on advanced concepts of physical and human geography.

The third year allows them to concentrate on specific areas of the subject, on which they complete their field reports. After completing the course, the students will be amply prepared for professional careers in geography and allied disciplines like GIS and Remote Sensing. They will also be able to pursue B.A. Course in Geography.

1. Acquiring Knowledge of Physical Geography
2. Acquiring Knowledge of Human Geography
3. Ability of Problem Analysis:
4. Conduct Social Survey Project:
5. Application of modern instruments:
6. Application of GIS and modern Geographical Map Making Techniques:
7. Development of Observation Power:
8. Development of Communication Skill and Interaction Power:
9. Enhancement of the ability of Management
10. Understand Environmental Ethics and Sustainability:
11. Life-long learning: