

GDC Memorial College, Bahal (Bhiwani)

Department of Geography

2017-18(Odd)

Learning Objective & Outcomes

B.A. 1st Semester

Subject: Geography of India

Subject Code: 101

Learning Objective

1. Students will get an introduction to the main regions of the India in terms of both their uniqueness and similarities.
2. Students will be exposed to historical, economic, cultural, social and physical characteristics of India.
3. Students will learn the relationships between the global, the regional and the local, particularly how places are inserted in regional and global processes.
4. In addition to the ability of understanding and reading maps, students will develop cartography skills and will be able to create maps on their own.
5. Students will be introduced to demographic, social and cultural attributes such as migration, social relations and cultural identity.

Learning Outcomes

After the completion of the course, Students will be able to

1. Identifying and explaining the Indian Geographical Environment, from global to local scales.
2. Applying geographical knowledge to everyday living.
3. Applying knowledge of global issues to a unique scientific problem.
4. Showing an awareness and responsibility for the environment and India.
5. Evaluating the impacts of human activities on natural environments special reference to India.

GDC Memorial College, Bahal (Bhiwani)

Department of Geography

2017-18(Even)

Learning Objective & Outcomes

B.A. 2nd Semester

Subject: Physical Geography I

Subject Code: 103

Learning Objective

1. 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.
2. Students will understand the fundamental concepts of spatial interaction and diffusion, which explain how human activities are influenced by the concept of distance.
3. Students will be exposed to the nature of physical systems such as geomorphologic processes and natural hazards.
4. Students will be able to read and interpret information on different types of physical features maps.
5. Students will learn how human, physical and environmental components of the world interact.

Learning Outcomes

After the completion of the course, Students will be able to

1. Describing human-environment, and nature-society interactions as well as global human and environmental issues.
2. Identifying and explaining the planet's human and physical characteristics and processes, from global to local scales.
3. Evaluating the impacts of human activities on natural environments.
4. Applying knowledge of global issues to local circumstances to evaluate the local effects of the issues.
5. Showing an awareness and responsibility for the environment.

GDC Memorial College, Bahal (Bhiwani)

Department of Geography

2017-18(Odd)

Learning Objective & Outcomes

B.A. 3rd Semester

Subject: Physical Geography II

Subject Code: 201

Learning Objective

1. The broad objective of the course is to introduce to the students the fundamentals of atmospheric phenomena, global climate systems and climate change.
2. The atmosphere and climate are a critical part of the earth system, and climatic variability and change are central to the issue of current and future global environmental change.
3. To grasp the techniques for modelling the climate, covering both theoretical and technical aspects.
4. To understand the dynamics of the atmosphere, the ocean and the overall climatologically system.
5. To be able to analyse and interpret climatic data

Learning Outcomes

After the completion of the course, Students will be able to

1. Understand the physical basis of the natural greenhouse effect, including the meaning of the term radioactive forcing.
2. Know something of the way various human activities are increasing emissions of the natural greenhouse gases, and are also contributing to sulphate aerosols in the troposphere.
3. Demonstrate an awareness of the difficulties involved in the detection of any unusual global warming 'signal' above the 'background noise' of natural variability in the Earth's climate and of attributing (in whole or in part) any such signal to human activity.
4. Understand that although a growing scientific consensus has become established through the IPCC, the complexities and uncertainties of the science provide opportunity for climate sceptics to challenge the Panel's findings.
5. On successful completion of this course, students should be able to understand the mean global atmospheric circulations and disturbances, world climate systems, climatic variability and change.

GDC Memorial College, Bahal (Bhiwani)

Department of Geography

2017-18(Even)

Learning Objective & Outcomes

B.A. 4th Semester

Subject: Human Geography

Subject Code: 203

Learning Objective

1. Students will develop a solid understanding of the concepts of “space,” “place” and “region” and their importance in explaining world affairs.
2. Students will understand general demographic principles and their patterns at regional and global scales.
3. Students will be able to locate on a map major physical features, cultural regions, and individual states and urban centers.
4. Students will understand global and regional patterns of cultural, political and economic institutions, and their effects on the preservation, use and exploitation of natural resources and landscapes

Learning Outcomes

After the completion of the course, Students will be able to

1. Students will acquire an understanding of and appreciation for the relationship between geography and culture.
2. Students will read, interpret, and generate maps and other geographic representations as well as extract, analyze, and present information from a spatial perspective.
3. Students will have 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.
4. 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.
5. Students will have a general understanding of how the physical environment, human societies, and local and global economic systems are integral to the principles of sustainable development.
6. 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.
7. Students will be able to present completed research, including an explanation of methodology and scholarly discussion, both orally and in written form and, wherever possible, utilize cartographic tools and other visual formats.

GDC Memorial College, Bahal (Bhiwani)

Department of Geography

2017-18(Odd)

Learning Objective & Outcomes

B.A. 5th Semester

Subject: Economic Geography

Subject Code: 301

Learning Objective

1. This course offers an introduction to the ways in which economic activities are organized over the earth's surface.
2. We all are witnessed to rapidly increasing integration of state economies.
3. The economic processes operating at different geographical scales are depending on the complex economic-political-social interactions that are framed at the global level.
4. The course explores the processes of globalization.
5. Seeks to provide understanding of today's increasingly interdependent world.

Learning Outcomes

After the completion of the course, Students will be able to

1. Recognize the significance of geographic concepts for understanding socio-economic processes and outcomes.
2. Appraise the different ways in which time and space interact and constrain each other with regards to economic activities and articulate how economic processes can be broken down into changes over time and variations across space.
3. Assess how society and economic actors organize themselves in space, the factors driving these complex spatial patterns, and the implications these spatial configurations have for the socioeconomic well-being of affected groups and societies.
4. Appreciate the complexity of economic development processes taking place across the world and how these are influenced by space.
5. Relate course content to current economic, social, and political events, and identify some of the geographical trends in economic processes and likely outcomes for societies.

GDC Memorial College, Bahal (Bhiwani)

Department of Geography

2017-18(Even)

Learning Objective & Outcomes

B.A. 6th Semester

Subject: Remote Sensing & GIS

Subject Code: 303

Learning Objective

1. The aim of this course is to apprise the students to various aspects of Aerial photographs.
2. Also introduce about Remote Sensing and GIS.
3. It will be teach about the important elements of the Geospatial technology.
4. This course introduce about the earth revolutionary and rotation system.
5. It gives the technical knowledge of satellite system.

Learning Outcomes

After the completion of the course, Students will be able to

1. Students will demonstrate knowledge of the foundations and theories of geographic information systems (GIS) and use the tools and methods of GIS.
2. Students will demonstrate their knowledge of physical geography and the methods and techniques for observing, measuring, recording and reporting on geographic phenomena.
3. Students will demonstrate their competence to work individually and as a team to develop and present a client-driven GIS solution.
4. Student will be familiar with modern techniques in Geography.
5. Students will be prepared to apply their skills in professional careers.