

Dayananad Vedic College, Orai (Jalaun), U.P.

Department of Geography

PROGRAM OUTCOMES

- To understand the scope and diverse discipline of Geography.
- Encouragement of scientific mode of thinking and scientific method of enquiry in students.
- Develop effective communication skills that promote leadership qualities individually as well as within a group.
- Prepare objective scientific approach so that students can address research problems in applied geography and allied field.
- Appreciate and reflect critically on the importance of holistic and interpretative human-environment perspectives. Foster cooperation among students enabling them to connect and contribute towards teamwork activities.
- Inculcate a sense of environmental ethics that focus research and concerns on sustainability. Ensure that the lessons are self-directed and lead to lifelong learning.
- Students become equipped with the ability to respond to both natural and man-made disasters and acquire management skills. This is attained through the curriculum by studying and analyzing hazards, disasters, their impact and management.

PROGRAMME SPECIFIC OUTCOMES FOR GRADUATE CLASSES

- They will learn how to prepare map based on GIS by using the modern geographical map making techniques. Develop a sound and systematic approach regarding mechanism and processes of natural and human activities.
- Understanding the history of the subject; over viewing ancient and contemporary geographical thought and its relationship with modern concepts of empiricism, positivism, radicalism, behaviouralism, idealism etc.
- Understanding the functioning of global economies, geopolitics, global geostrategic views and functioning of political systems.
- Analyzing the differential patterns of the human habitation of the Earth, through studies of human settlements and population dynamics. Understanding and accounting for regional disparities, poverty, unemployment and the impacts of globalization.
- Understand the concept of economic activities, factors affecting economic activities and gain knowledge about different type of economic activities.
- As a student of the course they will enrich their observation power through field experience and in future this will be helpful for identifying the socio - environmental problems of their community.

PROGRAM SPECIFIC OUTCOMES FOR POSTGRADUATE CLASSES

- Establish the position of Geography as a subject and its importance and interrelationships that reiterate and validate the Man Environment relationship.
- In the course of field surveys, students acquire a greater understanding of the socio-economic and cultural dimensions of the populations with greater focus on marginalized section of society.
- Physical field surveys enable the students to understand the landforms, geomorphic process and associated hazards.
- Provide training to students in handling modern instruments and methods like Aerial Photographs, Satellite Imagery and Meteorological instruments.
- Computer-based techniques (RS & GIS) are incorporated in the syllabus which prepares the students for further analytical studies.
- The students are directed towards problem analysis so that they can design and conduct independent research.
- The comprehensive syllabus promotes and develops knowledge of concepts, methods and theory.
- The Ability Enhancement Course strives to develop communication power in the students, both written and oral.
- The Dissertations written by the students prepare them to examine social and environmental issues along with the causes, consequences and remedial measures emerging at local and national levels.
- The syllabus is oriented towards emerging job opportunities and future prospects for the students.

B. A. GEOGRAPHY		
COURSE CODE	COURSE TITLE / PROGRAMME	COURSE OUTCOMES
A110101T	Physical Geography	<ul style="list-style-type: none">• Understand the meaning, scope and basic concepts of physical Geography.• Understand the functioning of Earth systems and analyze geomorphologic, climatic and oceanic factors.• Distinguish between the mechanisms that control these processes• Understand the relationship between man and biosphere.
A110102P	Elements of Map and Surveying	<ul style="list-style-type: none">• Understand the basic idea of Map, Scale and Topographic sheets• Understand the map projection.• Understand the shape and size of the earth.• Understand the concept of longitudes and latitudes
A110201T	Human Geography	<ul style="list-style-type: none">• Gain knowledge about major themes of human Geography.• Acquire knowledge on the history and evolution of humans.• Understand the approaches and processes of Human Geography as well as the diverse patterns of habitat and adaptations.
A110202P	Thematic Mapping and Surveying	<ul style="list-style-type: none">• Comprehend the concept of scales and representation of data through cartograms.• Learn the usages of survey instruments.• Brings direct interaction of different types of surveying instruments like Prismatic Compass.• Develop an idea about different types of thematic mapping techniques.

COURSE CODE	COURSE TITLE / PROGRAMME	COURSE OUTCOMES
A110301T	Environment, Disaster Management and Climate Change	<ul style="list-style-type: none"> • To understand elements of environment and acquire knowledge about biodiversity. • To understand the various environmental issues and policies. • To get knowledge about natural hazards and discuss causes, effects of disasters. • To increase the knowledge of students and their understanding of disaster phenomenon, impacts and vulnerability.
A110302P	Statistical Techniques and Surveying	<ul style="list-style-type: none"> • To understand the importance and use of statistical techniques in geography. • To measure central tendency and dispersion of data. • To differentiate between qualitative and quantitative information. • To understand the nature of various data. • To understand sampling methods for data collection. • To present data through graphical and diagrammatic formats.
A110401T	Economic Geography	<ul style="list-style-type: none"> • Understand the concept of economic activity, factors affecting location of economic activity. • Gain knowledge about different types of Economic activities. • Analyze the factors of location of agriculture and industries. • Understand the evolution of varied types of economic activities.
A110402P	Weather Maps, Geological Maps and Surveying	<ul style="list-style-type: none"> • To identify the various Survey Operations and Survey Instruments. • To understand the idea of Basic and applied Instrumental surveying. • To interpret geological and weather maps.

COURSE CODE	COURSE TITLE / PROGRAMME	COURSE OUTCOMES
A110501T	Regional Geography	<ul style="list-style-type: none"> • To understand the concept of Region and Regional Planning. • To familiarize the students with Theories and Models for Regional Planning. • To develop understanding about concept of Development, Sustainable Development and Multi level planning.
A110502T	Basics of Remote Sensing and GIS	<ul style="list-style-type: none"> • To understand the Basic idea and application of Remote sensing Techniques and Geographical Information System. • To know various components of Remote sensing and GIS. • To know various applications of Remote sensing Techniques and GIS.
A110503R	Tour and Tour report	<ul style="list-style-type: none"> • To understand the variation among geographical locations. • Interaction with people with different natural and cultural settings. • To study physical and human geography of area being visited. • Learn to prepare tour report.
A110504R	Project Report-1	<ul style="list-style-type: none"> • Recognize the objectives and significance of research work; • Formulate research design and methods; • Organize and carry out field visits, collect field data and/or conduct review of literature; • Preparation and dissemination of research output having scientific and/or social relevance.

COURSE CODE	COURSE TITLE / PROGRAMME	COURSE OUTCOMES
A110601T	Geography of India	<ul style="list-style-type: none"> • To introduce the students to the physiographic divisions of India, drainage system, climate, food and mineral resources. • To understand the main regions of the India in terms of both their uniqueness and similarities. • Identifying and explaining the Indian Geographical Environment, from global to local scales. • To Study the impacts of human activities on natural environments of India.
A110602T	Evolution of Geographical Thoughts	<ul style="list-style-type: none"> • To introduce the philosophical and methodological issues in the development of the discipline of geography. • To assess the nature and trend of ancient, modern and post-modern trends in the field of geography. • To understand the perspectives on the development and contemporary trends in geography and its systematic study. • To discuss the evolution of geographical thought from ancient to modern times.
A110603P	Remote Sensing and GIS	<ul style="list-style-type: none"> • To understand the basic concept and principles of remote sensing and GIS. • To understand the role of remote sensing and GIS in data collection and analysis. • To know the different types of sensor and digital image processing techniques. • To understand the use and importance of satellite images and aerial photographs to assess the geographical phenomena.
A110604R	Project Report-2	<ul style="list-style-type: none"> • To recognize the objectives and significance of research work. • To Organize and carry out field visits, collect field data and/or conduct review of literature. • To Preparation and dissemination of research output having scientific and/or social relevance.