DEPARTMENT OF GEOGRAPHY

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 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: 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.

PO11: 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.

PO12: Read, interpret, and generate maps and other geographic representations as well as extract, analyse, and present information from a spatial perspective

Programme Outcomes

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.

Course Outcomes

F. Y. B. A. Geography

Course Gg110 A: Physical Geography (General -1)

Course Gg110 B: Human Geography (General -1)

The student who successfully completes this course can able to:

CO1: Explain principal terms, definitions, Concept and theories of Physical Geography

CO2: Discuss development of micro to mega scale landforms.

CO3: Identify different Materials of the earth crust, rock types, and types of weathering, mass movements and types of slope.

CO4: Describe importance of latitude, longitude and the reasons why different countries have different time zone and date.

CO5: Apply knowledge of basic landforms from tectonic, volcanic, fluvial and coastal environments.

CO6: Evaluate exogenous and endogenous processes in the landscape, their importance in landform development, and distinguish the mechanisms that control these processes.

CO7: Describe nature of man-environment relationship and human capability.

CO8: Explain conditions of living of human beings from primitive life to the modern era.

CO9: Explain human evolution and different races existed since the beginning of living life.

CO10: Describe different tribes and their culture in different geographical areas.

S. Y. B. A. Geography

Course Gg-210: Geography of Disaster Management (General -2)

After successfully completing this course, students will be able to:

CO1: Describe concepts of Disaster and its relations with Geography.

CO2: Explain terminology and concepts of Disaster Management.

CO3: Implement concepts of hazards in different areas and its Management.

CO4: Explain standard operating procedure on government for disaster management.

CO5: Describe concepts of anthropogenic disaster, its types, causes and management.

CO6: Explain important global level disasters i.e, acid rain, ozone depletion and global warming.

CO7: Demonstrate Disaster Management at local level.

CO8: Suggest methods of protection from disaster and will be able to do disaster management.

Course Gg.220: Economic Geography (S-1)

After successfully completing this course, students will be able to:

CO1: Define basic principles and concepts in Economic Geography.

CO2: Describe dynamic aspect of economic geography.

CO3: Explain Activities for global Economic development.

CO4: List type of resources for economic development and its applications.

CO5: Describe skill of planning the economic development and its management.
CO6: Describe skill of industrial, agricultural transport and trade activities.
CO7: Apply applications of economic geography in different areas of growth and development.

Course Gg230: Fundamentals of Geographical Analysis (S-2)

After successfully completing this course, students will be able to:

CO1: Explain basic concepts of map and scale.
CO2: Identify different Types of Map Projections.
CO3: Describe basic of Statistical data and the skill of graphical data representation.
CO4: Apply Surveying Techniques in Geography.
CO5: Explain about preparation of layout.
CO6: Describe surveying instruments and their applications.
CO7: Demonstrate preparation of drawing profile with the help of Dumpy Level.
CO8: Conduct geographical field investigation and report writing.

T.Y.B.A. Geography

Course Gg 310: Human Geography (G-3)

After successfully completing this course, students will be able to:

CO1: Describe nature of man-environment relationship and human capability.
CO2: Explain conditions of living of human beings from primitive life to the modern era.
CO3: Explain human evolution and different races existed since the beginning of living life.
CO4: Describe different tribes and their culture in different geographical areas.
CO5: Explain causes and effect of migration of mankind.
CO6: Analyse relationship between population and available resources.
CO7: Identify and explain spatial distribution pattern of population and environment
CO8: Identify contemporary issues which the global community is facing.

Course Gg: 320 Agriculture Geography (S-3)

After successfully completing this course, students will be able to:

CO1: Explain principal terms, definitions, nature and scope of Agriculture Geography
CO2: Discuss fundamental concept, land use, crops, agricultural production and Development, determinants of agricultural activities, physical determinants, and socio-economic determinants.
CO3: Explain different types of agriculture.
CO4: Discuss problems and prospects of agriculture with Indian examples.
CO5: Demonstrate knowledge of irrigation and watershed management.
CO6: Evaluate allied areas in agriculture and agricultural development.
CO7: Apply the geographical knowledge in the sustainable agriculture development and agriculture in India.

Course Gg-301 Techniques of Spatial Analysis (S-4)

After successfully completing this course, students will be able to:

CO1: Explain basic concepts of statistical and remote Sensing.
CO2: Identify different methods of Relief Representation.
CO3: Describe basic of Statistical data and the skill of data representation.
CO4: Apply Remote Sensing Techniques in Geography.
CO5: Interpret top sheet/ map, aerial photographs and analysis of toposheet/ map, aerial Photographs.

CO6: Describe weather instruments and their applications in Geographical phenomena.

CO7: Calculate Central Tendency, Variance and Standard Deviation, Correlation and Regression, and Testing of Hypothesis.

CO8: Conduct Survey of socio-economic conditions of a village and geomorphological field investigation and report writing.