

Department of Geography

Programme Outcomes

Generally Geography, as a branch of learning, is focused on understanding the relationship between man and nature. Geography offers an integrative perspective on the relations among social, political, economic, and physical phenomena in space and place. So the department's programs focus on the various branches of Geography related to physical, social, cultural, regional systematic etc. Our college delivers good IT services, academic support, various teaching tools and technical resources which make it fruitful to achieve the goals of our programme. Appropriate and effective methods are used to assess student achievement, so the learning outcomes of the courses and programs are clear and appropriate.

Outcome-1. Acquiring geographical knowledge:

- i. Students will gain geographical knowledge which is unique than the other discipline. Students will have a general understanding about the geographical phenomena, geographical processes and geographical principles and also can able to interrelate the knowledge with their perceived practical experience.
- ii. They will introduce with Physical and cultural landscape

Outcome-2. Development of Technical Skills:

- i. Students have to collect various data using modern instruments and after processing those data they make the diagrams, maps and various models with the help of modern technology and various computer based software such as GIS, Remote Sensing etc (**Studied 3rd yr.-paper -viii**) which developed their technical skills.
- ii. Students learns the various cartographic techniques (**SEM 1-CC2**) for making maps and diagrams or models to interpret the data which is also a technical work.

Outcome 3. Increased Critical and analytical thinking:

- I. After collecting the statistical data (primary or secondary) students have to identify the research problems particularly in field study portion(**Studied 3rd yr.-paper -viii**) and interpret the data to draw the qualitative and quantitative conclusion. So, qualitative and quantitative analytical skill enhanced.
- II. Students can able to give the mitigation strategies of a specific problems based on their analysis power which also increased the capability to draw conclusion.

Outcome 4. Grow Observation power:

- i. Geography strength the observation power of a geographer and a sensible observation power is necessary to identify the problems in field study section (Studied 3rd yr.-paper -viii) .So a perception about the human society and environment slowly grow up.
- ii. Our graduate students from this discipline can correlate the observed phenomena with the real phenomena.

Outcome 5. Developed Communication skills and Social interaction power:

- i. Students of geography stream have to work beyond the class room boundary at the time of instrument reading(CC4-SEM-2) or field study activities. As a result good communication skill developed to interact the local people.
- ii. Social interaction is possible beyond the class room at the time of data collection and can able to observe closely the human behavior.

Outcome 6. Ethical and Social Responsibility:

- i. Throughout the programme of geography (hons and pass) study graduate students have to learn various geographic knowledge related with nature, climate, environment, soil forest etc. which is directly influencing the human lives. With the help of their geographical knowledge they can play important role in society.
- ii. They can apply geographical knowledge to everyday living such as he can helps to a farmers by testing soils or by forecasting weather to a fisherman.
- iii. Various natural calamities or hazards and disaster management have studied under this programme(3rd year course-paper-v). So, with the help of this knowledge they can able to forecast the environmental condition and also helps the peoples by giving mitigation measures in respect situation at the time of flood or earth quake or drought or other social problems.

Outcome 7. Professional Development and Career Opportunities:

- i. Students will gain preparedness for professional careers in geography and allied fields.
- ii. Through this programme all round development of their personality is possible. Through the study of geography their technical, analytical or subjective knowledge automatically developed, so the carrier building opportunity build up and take important part in any kind of jobs.
- iii. They studied climatology (SEM-III,CC-5), Disaster management procedures (SEM-VI, CC-14), Economic geography (SEM-IV,CC-9), etc. which is applied field ofo geography and very closely related with human's daily life. They can apply their such skill and knowledge in any field of jobs such as disaster

management work, weather forecasting work, agricultural work, industrial work etc.

- iv. The geography students of Hons studied the Regional planning and development in **core- course -8 in VI- semester** , with the help of this knowledge they can take important role in regional plan and development. Govt. also can take their opinion for planning purpose.

Outcome 8: To make a better global citizen

- i. **After studying the Environmental Geography (SEM-IV,CC-10), Economic Geography (SEM-IV CC-9) students can feels the global interdependence which helps to built internationalism among them as a result they take a important role as global citizen.**
- ii. **Geographical study developed sympathy and social feelings among the students for lives.**
- iii. **It built up international co-operation and understanding among the students.**

Outcome 9: Environmental Consciousness:

- i. **After studying the Environmental Geography (SEM-IV,CC-10) students will definitely conscious about their surrounding environment.**
- ii. Geography can relate the man with its environment which is necessary for human existence.
- iii. Adaptation with physical environment is being easy for them.

Outcome 10:Co-operation:

- i. As geography is a field based study , so during the time practical work or during the collection of data students work together, so a mutual co-operation build up.

Course Out Comes:

Our geography department course is structured under CBCS (CHOICE BASED CREDIT SYSTEM) in which some Core Course subject, Ability Enhancement Course (AECC) subject , Skill Enhancement Course (SEC) subject, Discipline Specific Elective (DSE) subject, Generic Elective (GE) subject have studied. Course title is focusing the out comes of this subject clearly. All the courses demonstrate via course projects, field assignments, seminar representation etc. Actually Geography is a multidisciplinary subject and this subject enrich with various such subject materials which have different applied forms in nature. The outcomes can be studied specifically according to different branches.

A. Physical Geography:

- i. Students will be able to understand the physical, chemical and biological components of the earth.
- ii. Students can analyze the spatio-temporal changes of the earth's surface using the data and digital methods.
- iii. They can be able to identify the major physical regions of the earth and region specific physical characteristics such as climate, topography, natural vegetation etc.
- iv. Students will be able to conceptualize the various geomorphic processes, the global distribution of physical elements, ecosystems, and the role of the physical environment on human populations.
- v. Identify and explain fundamental principles (theories and generalizations) of the atmosphere, hydrosphere, biosphere, and lithosphere.

A₁. Environmental Geography(CC-10,SEM-IV):

- i. Students will be able to understand the many environmental aspects.
- ii. They can be able to address the environmental challenges facing the earth.
- iii. It gives the opportunity to study the human impacts on the environment through the study of natural resource management, environmental law and environmental policies.
- iv. The study of this subject increased the environmental consciousness among the pupils.
- v. This course will strengthen the man- environmental relationship.
- vi. To be able to identify and apply analytic tools and geographic models related with environmental aspects.

A₂. Climatology (CC-5, SEM-III):

- i. Students will learn to critically analyze the interactions between the atmosphere and the earth's surface and apply this for environmental problem solution.
- ii. Able to understand the weather forecasting and acquire the ability to interpret climatic data and synoptic chart.
- iii. They understand how the global atmospheric circulation, wind systems, and ocean currents are generated.
- iv. Students can explain the important role of water in the atmosphere and the processes that lead to condensation, cloud formation, and precipitation.

- v. Students will be able to predict the future trend of climate.

A3. Geotectonic & Geomorphology (CC-1, SEM-I):

- i. Through this course students will understand the tectonic process and also will know how it interacts with surface processes and build up landforms.
- ii. They will be able to understand the morphology of the landscape and related processes.
- iii. Students can learn basic techniques and apply basic statistics to analyze the landscape.
- iv. Students can address the directional and locational pattern employed on the surface of the Earth.

A4. Fluvial geomorphology (Discipline specific elective-DSE-3, SEM-VI):

- i. Ability to classify and describe the landforms by fluvial action.
- ii. Ability to analyze the fluvial system and drainage pattern in respect of landscape evolution.
- iii. They can understand the fluvial processes.
- iv. Broad understanding about the river network and flood dynamics of the stream.

A5. Biogeography and Soil Geography (Discipline specific elective-DSE-2, SEM-V):

- i. Students can learn the process of speciation, extinction, dispersal and ecological succession in explaining biogeographical patterns.
- ii. Students can predict the future change of biogeographical components.
- iii. They can illustrate the importance and exploitation of natural biotic resources.
- iv. Assess the environmental protection policies and reactions of the countries.
- v. They can know the regional distribution of soil and its productivity.

B. Social Geography (Discipline specific elective-DSE-2, SEM-V):

- i. Evaluate the contemporary social issues such as – racism, caste conflict, social discrimination.
- ii. Understand the causes of social inequalities and their impact on society.

- iii. Discuss About the social institutions, social norms and values, public and private space .
- iv. Students can learn about the social operating system and also find out the geographical diversity in the world.

c. Cultural & Settlement Geography (Discipline specific elective-DSE-1, SEM-V):

C₁. Cultural Geography :

- i. Students will explore the imprint of different cultural landscape.
- ii. Analysis the impact of globalization on cultural diffusion.
- iii. Students will learns about cultural groups and their diversity, language groups, religion and man-environmental relationship.
- iv. Learn to access the cultural value and cultural consciousness.
- v. They can define the cultural region of the world.

C₂. Settlement Geography :

- i. Students can identified spatio - temporal changes of settlement pattern in the world.
- ii. They can understand the impact of environment on settlement structure.
- iii. They can prepare the suitable plan and strategy for settlement development.

D. Regional Geography:

- i. Emphasis Students will develop a solid understanding of the concepts of "space," "place" and "region".
- ii. They will know the regional as well as global distribution of geographic aspects such as physiography, demography, vegetation , soil, settlement etc.
- iii. They can compare their own geographical with other phenomena .
- iv. They can identify the regional variation of culture and different rituals of religion.

E. Geographical thought (CC-13, SEM-VI):

- i. Gain knowledge about the historical Evolution Geography as a discipline in india as well as in the world.
- ii. Understand the philosophy and scope of the discipline.
- iii. Know about the methodological principles of geography.
- iv. They can understand the contemporary issues of this subject.
- v. Know about the research methodology.

F. Economic Geography (CC-9, SEM-IV):

- i. Identify the economic region in respect of world's physical condition.

- ii. Evaluate the theoretical concepts of economic activity such as agriculture, industry, live stock farming, fishing etc.
- iii. Students can discuss about the economic policies of different countries.
- iv. Students can know about the resource concentration and its use or exploitation.

G. Human Geography (CC-3, SEM-II):

- i. They can co-relate the human activity with the physical environment.
- ii. Understand the nature of human character.
- iii. Explain how human culture and behavior modified and influenced by environment.
- iv. Analyze the spatial distribution of ecosystems on Earth's surface.
- v. Know about the various community of the world.

H. Practical Geography & Remote Sensing:

- i. It brings the students into direct interaction with environment.
- ii. Students learn the use of various equipments and also learn to handle the geographical instruments.
- iii. They draw many diagrams, maps and various models with the help of modern technology and various computer based software which increased the technical skill of the students.
- iv. Identify and apply the geographic information techniques of cartography and geo-statistics such as sampling, hypothesis formulation, testing etc.
- v. They can able to select the appropriate technique for demonstrate and graphical presentation of a data.
- vi. They can create GIS data base and learn to use GIS tools and also able to do spatial analysis.
