

**DEPARTMENT OF GEOGRAPHY
GOVERNMENT J. THANKIMA COLLEGE**

**BACHELOR OF ARTS – GEOGRAPHY
COURSE OBJECTIVES & OUTCOME**

Programme outcomes:

Student graduation with B.A. in Geography would possess the followings:

- a. A comprehensive perspective to the natural environment and cultural phenomenon and its importance.
- b. A broad perspective to subject of world, India and Mizoram Geography.
- c. A good knowledge in problem-solving ability with the help of practical analytic skills.
- d. A better communication skill in oral and written form, presentation as well as research analysis abilities.

GEOG-101/Paper-I: Physical Geography

Course objectives: The course is designed to familiarized the students with the physical elements of the world and the understand to the origin of the universe and surrounding environments. As physical geography studies the features and dynamic processes of landforms, climate, hydrology, soil and ecology.

Course outcome:

- a. Understanding to the beginning of universe and origin of solar system.
- b. Understanding of different Geomorphological processes and the development of different landforms and geomorphic features.
- c. A comprehensive perspective to the physical elements of the world, and its importance to understand the natural surrounding and its relations to the human activities.

GEOG-201/Paper-II: Human Geography

Course objectives: Human Geography is a wide-ranging discipline that draws together many of the strands important for understanding the world today. The course is designed to familiarized students the cultural settings of the human society and the importance of the relationship between the physical environment and the socio-cultural environment of the human society. As it will help students to examine human societies and they develop their culture, economy, politics within the context of their environment.

Course outcome:

- a. A broader understanding to the inter-relationship between the physical environment and the social elements.
- b. The course will help students to have a wider perspective on the different elements of the society and cultural.
- c. A comprehensive introduction to the different social and cultural groups of the world and the traditional ways of their dependence and relations with their natural surrounding

GEOG-301/Paper-III: Geography of India

Course Objectives: The Geography of India is extremely diverse with landscape ranging from snow mountain ranges to deserts, plains, hills and plateaus as well as the diverse cultural setups of different social groups. Students will be familiarized with both the physical aspect as well as the socio-cultural aspect of India. It shall also give a broader aspect to the diverse socio-cultural and physical elements of the Indian sub-continent.

Course outcome:

- a. The course will help students understand the different developmental stage of the India sub-continental as a landmass and the different physical aspects of its physiographic divisions.
- b. The course is also intended to familiarized with the socio-cultural elements of India and the diversity of cultures in India.

- c. Student will also have a broader perspective of the geographical settings and socio-cultural diversity of Mizoram.

GEOG-401/Paper-IV: Cartographic Techniques

Course objectives: The course is designed to familiarized students with the fundamental characteristics of geographical studies, which is the cartographic techniques. As without maps, one would be spatially blind, knowledge about spatial relations and location of objects are most important to learn about space, to act in space, to be aware of what is where and what is around us, or simply to be able to make good decisions.

Course outcome:

- a. The students will have an in-depth understanding and knowledge with the cartographic technique skills required for an all-round geographical study.
- b. The course will also help students to understand our place in the world, analyze geographical positional relationships and reflect on geography's effect on their daily lives.
- c. The students will also be well acquainted with the different map reading techniques and practical usage of the knowledge in their future project works.

GEOG-501/Paper-V: Geographical Thought

Course objective: History of geographical thought contains numerous ideas which could be useful in activities aimed at **understanding and reconciling different visions of reality**, since geography is the study of diversity, understood as a source of unity.

Course outcome:

- a. The course will help students familiarized with basic physical system that affect everyday life, and the understanding of the origin of different geographical concepts and thoughts pertaining to the environment.
- b. Students will also be well acquainted with the different disciplines of geography which encompasses the development of geographical knowledge in particular place, times and context.
- c. Understanding of emergence of geography as a subject which studies both the physical and socio-cultural realm.

GEOG-502/Paper-VI: Climatology

Course objectives: As the subject is an important branch of Physical Geography, the course will help students to have a better understanding of the atmospheric conditions, weather pattern and temperature change and the different climatological phenomenon.

Course outcome:

- a. Students will have a comprehensive understanding about the different compositions of the atmosphere and the mechanism involve in the global climate pattern.
- b. Develop an understanding between the different climatic phenomenon and its impact on the natural environment as well as human activities.
- c. Understanding the classification of different climatic regions and their characteristics and difference.

GEOG- 503/Paper-VII: Surveying & Statistical Techniques (Practical)

Course objective: Surveying is an important fundamental step in having a complete understanding about the geographical surrounding and environments. The course is intended to encompasses the practical utilization different techniques of geographical surveying tools and equipment.

Course outcome:

- a. The students will be well acquainted with the different surveying techniques and utilization of tools in the field.
- b. Understanding of different techniques of survey methods and data collection in the field.
- c. Students shall also be well acquainted with the statistical techniques of analyzing data.

GEOG-504A/Paper-VIII A: Population and Settlement Geography

Course objective: The course is designed to help student to understand have a comprehensive knowledge of the various facets pertaining the spatial variation in the distribution of the human population across the Earth with reference to the physical, cultural and socio-economic environment.

Course outcome:

- a. Understanding of the nature and scope of the population geography and the distribution of population and its factors.
- b. Understanding of different theories pertaining to the study of the demography, and its importance to understand the phenomenon.
- c. Understanding of rural and urban population and the different challenges associated with these division of population group.

GEOG- 504B/Paper-VIII B: Urban Geography

Course Objective: The course is intended to familiarized students with urban geography as a subdiscipline of geography that derives from a study of cities and urban process.

Course outcome:

- a. Understanding to the different approaches to examine the various aspects of urban life and the built environment.
- b. Students will be familiarized with the different challenges associated with the growing urbanization and the importance of urban geography in formulating strategies for growing urban issues.
- c. Understanding of pattern of urbanization and the division of the different categories of countries on development.

GEOG-601/Paper-IX: Geomorphology

Course objectives: The course is intended to familiarized students with the critical component of Physical Geography, as it is needed to understand the natural landform changes and potential hazards for population.

Course outcome:

- a. Understanding of different geomorphic and geological processes which are responsible for the formation of landforms.
- b. Understanding of different physical elements of the natural environment and how such processes transform the existing environment.
- c. An in-depth perspective to the different categories of natural landforms.

GEOG-602/Paper-X: Remote Sensing & Geographical Information System

Course objective: The course will help students well acquainted with the recent advanced development in the field of cartographic technique and geography, which is a digital cartographic technique processed by computer system.

Course outcome:

- a. Understanding of the different theoretical tools and techniques to understand remote sensing and GIS for development of cartographic analysis.
- b. Understanding different mode of data sources and comprehensive introduction to the utilization and importance of satellites for the study of remote sensing & GIS.
- c. Understanding the different techniques of satellite imagery interpretation and utilizing the information for geographical studies.

GEOG-603/Paper-XI: Remote Sensing & Geographical Information System (Practical)

Course objective: The course will help students well acquainted with the recent advanced development in the field of cartographic technique and geography, which is a digital cartographic technique processed by computer system.

Course outcome:

- a. A comprehensive utilization of different tools and equipment in the study of remote sensing.
- b. Understanding of practical utilization of GIS techniques.

- c. Students will be trained to undergo project works in the field of remote sensing and GIS.

GEOG-604A/Paper-XII A: Oceanography

Course objective: The course intended to familiarized students to the importance of oceanography and its role in regulating earth's climate and natural environment.

Course outcome:

- a. Understanding of nature and scope of oceanography and an in-depth knowledge about the ocean topographic features.
- b. Understanding of different oceanic ecosystems and its importance as a resource.
- c. Understanding the challenges faced by ocean and its ecosystem due to adverse effects of human activities.

GEOG-604 B/Paper-XII B: Bio-Geography

Course objective: The course is intended to familiarized students to the subject of Bio-geography as an important branch of geography that sheds light on the natural habitats around the world, it is also essential in understanding why species are in their present locations and in developing protecting the world's natural habitats.

Course outcome:

- a. Understanding the different component of the natural environment.
- b. A comprehensive study on the different factors influencing the distribution of flora and fauna.
- c. Understanding the importance and necessity of conserving the natural biomes.