

## Department of Geography

### COURSE OUTCOMES (CO)

#### **B. A. Part - I (Paper No. I & II)**

- 1) Students should know the fundamental branches of Geography in general and Geomorphology and Climatology in particular.
- 2) Students should get acquainted with the Geomorphological and Climatological concepts.
- 3) Students should know the basis of Human development by studying these Physical branches of Geography.

#### **B. A. Part - II (Paper No. III to VI)**

##### **I) Soil Geography (Paper No. III)**

- 1) Students should know soil geography is the fundamental branch of Physical Geography.
- 2) To familiarize the students with the basic and fundamental concepts of soil geography.
- 3) With this study, students understand soil is key resource for the development of any country.
- 4) Students should know that concept, causes and controlling factors soil erosion, soil degradation and Conservation of Soils.
- 5) Students should know the concept, need and methods soil of management.
- 6) Students should know classification, characteristics and distribution of soils.

##### **II) Resource Geography (Paper No. IV)**

- 1) To understand the concept and classification of resources in the world.
- 2) To get information about the major resources (water, forest, energy and human)
- 3) Students should know the sustainable development of resources.
- 4) To make students aware about the cartographic techniques.

##### **III) Oceanography (Paper No. V)**

- 1) Students should know oceanography is the fundamental branch of Physical Geography.

- 2) To familiarize the students with the basic and fundamental concepts of oceanography.
- 3) With this study, students understand marine is key resource for the development of any country.
- 4) Students should know physical and chemical properties of oceans.
- 5) Students should know types of oceanic currents and currents of Atlantic, Pacific and Indian oceans.
- 6) Students should know hypsographic curve, wind rose, iso-salinity lines and isotherms.

#### **IV) Agricultural Geography (Paper No. VI)**

- 1) To understand the concept and development of Agriculture.
- 2) To examine the role of agricultural determinants towards the changing cropping pattern.
- 3) To study the Green Revolution.
- 4) The course also aims to familiarize the students with the Agricultural concepts and modern technologies used in Agriculture.

#### **Inter Disciplinary Subject**

##### **I) Concepts in Tourism Geography and Development and Planning of Tourism (Paper No. I & II)**

- 1) To familiarize the students with aspects of tourism which have a relation with the subject matter of Geography
- 2) To orient the students to the logistics of tourism industry and the role of tourism in regional development.
- 3) To understand the impact of tourism on physical and human environments.
- 4) To familiarize the students with local, regional and national tourism.

#### **B. A. Part –III (Paper No. VII to XIV)**

##### **I) Evolution of Geographical Thought (Paper No. VII)**

- 1) Students should be able to understand in-depth about the evolution of the Geographical thought.
- 2) Students should be able to analyse the recent trends in Geography.

- 3) Students should be able to make use of various models of paradigms and debates in the Geographical studies.
- 4) Understanding of recent trends in Geography.

## **II) Geography of India (Paper No. VIII)**

- 1) In-depth understanding the dimensions and physiography of India.
- 2) The students are fully aware about the climatic seasons in India.
- 3) Detailed knowledge about soil, vegetation and drainage system in India.
- 4) Understanding and importance of agriculture and Industry in Indian economy.
- 5) Detailed knowledge about the economic steps of India.

## **III) Population Geography (Paper No. IX)**

- 1) This paper would bring an understanding of population Geography along with relevance of demographic data.
- 2) The students would get an understanding of distribution and trends of population growth in the developed and less developed countries along with population concepts.
- 3) The students would get an understanding of the dynamics of population.
- 4) An understanding of the implications of population composition in different regions of the world.
- 5) An appreciation of the contemporary issues in the field of population studies.

## **IV) Economic Geography (Paper No. X)**

- 1) In-depth understanding about the Economic Geography.
- 2) Detailed knowledge about locational factors of economic activities with special references to agriculture and industry.
- 3) Detailed understanding of the basic concepts related to manufacturing industries (selected countries) of the world.
- 4) Understanding of the transport and trade.

## **V) Urban Geography (Paper No. XI)**

- 1) The students were known the importance of Urban settlement through Urban Geography.
- 2) The students understood the types of urban settlement site and situation.

- 3) The students were familiar with an idea of relationship between human activities and urban development.
- 4) Detail understanding of students regarding present urban problems and students are capable to handling of present problematic situations in urban areas.
- 5) The students are developed as a good urban planner and environmental conservator.

#### **VI) Geography of Health and Wellbeing (Paper No. XII)**

- 1) Understand various geographical perspectives related to human health.
- 2) Create awareness of human health and environmental trends.
- 3) The students are familiar with geographical background of diseases and their regional pattern.
- 4) Detail understanding of pressure on environmental quality and human health.
- 5) Create awareness among the students of malnutrition and hygiene.
- 6) The students are familiar with the process of health care planning in India.
- 7) The students are aware about impact of climate change on human health.

#### **VII) Political Geography (Paper XII)**

- 1) Understanding the concept of Political Geography.
- 2) To identify the concept of Nation and State.
- 3) To aware about the importance of physical factors on global politics through theories.
- 4) Getting knowledge about the politics over resource dispute.

#### **Practical Papers:**

#### **VIII) Fundamentals of Map Making and Map Interpretation (Paper No. XIII)**

- 1) In depth understanding the map, concept of scale and projection.
- 2) Detailed knowledge about the analysis of landforms and its identification.
- 3) The students are deeply aware about basic information to the students about S.O.I. topomaps and I.M.D. weather maps and obtained the skills about map interpretation.
- 4) The students are deeply familiar with different cartographic techniques and methods used for representation of demographic and physio- socio-economic database

**IX) Advanced Tools, Techniques & Field Work in Geography (Paper No. XIV)**

- 1) In depth understanding the importance of field work and advanced Techniques in Geography.

- 2) The students are trained to implement modern tool and techniques in Geography.
- 3) Detailed knowledge about the use of computer for analysis of Geographical data.
- 4) The students are deeply aware about the basics and trained in instrumental survey.
- 5) The students are deeply familiar with computer, GIS, GPS and Remote Sensing.

**B. Sc. Part – I (Paper No. I to IV)**

- 1) To introduce the latest basic concepts in Physical Geography, Specifically in Geomorphology, Climatology and Oceanography.
- 2) To get aware about the concepts in Human Geography i.e. Human races, population growth, distribution, migration, sex ratio, age structure, rural and urban settlements.
- 3) To understand about the growth and development of towns and cities with the help of theories.

## **PROGRAMME SPECIFIC OUTCOME (PSO)**

- 1) The Students are known the Human development by studying these Physical branches of Geography.
- 2) The students are understood the branches of Geography, concepts in Physical Geography and Geomorphology and Climatology in detail.
- 3) The students are acquired knowledge about the basic and fundamental concepts of soil geography.
- 4) The students are understood soil is key resource for the development of any country with concept, causes and controlling factors of soil erosion, soil degradation and Conservation of Soils. Along with the concept, need and methods soil of management.
- 5) Students are known classification, characteristics and distribution of soils.
- 6) The students are understood the Human Geography as a basic branch of Geography along with the Dichotomy, Environmentalism and possibilism.
- 7) The students are well prepared with the knowledge of the racial groups in the world, man- environment conflict and Ecological crises. They are familiar about the World population growth, distribution and the population policies.
- 8) The students are familiar with the fundamental concepts of oceanography, they are also known oceans are the best alternative source to the earth resources.
- 9) Students are talented about physical and chemical properties of oceans and get detailed about types of oceanic currents and currents of Atlantic, Pacific and Indian oceans.
- 10)The students are individually ready to prepare graphs and diagrams of oceanic statistical data.
- 11)The students are well acquainted with new emerging concepts and development of Agriculture. They are aware about agricultural determinants towards the changing cropping pattern and Green Revolution.
- 12)They are aware about the Agricultural concepts and modern technologies used in Agriculture.

- 13) The students are familiar with aspects of tourism which have a relation with the subject matter of Geography and students are oriented in relation to the logistics of tourism industry and the role of tourism in regional development.
- 14) The students are individually examining an impact of tourism on physical and human environments.
- 15) The students are acquainted with distinct dimensions, physical setup, climate and mechanism of monsoon, soils and vegetation of India.
- 16) Regional study of India helps the students to understand recent trends in regional study.
- 17) The students have known an importance of research, principles, techniques of research and methodology.
- 18) Students will be able to differentiate the population characteristics and its application for regional development.
- 19) It will be helpful to students for analyse the countries with their population and corresponding development in the future.
- 20) The students are understood the process and value of geographical research and also they are able to apply skills and ICT in geography.
- 21) The students are well acquainted with the relationship of human activities with resources at global level.
- 22) The students are able to apply global economic situation at local level.
- 23) The students are acquainted about regional resources.
- 24) The students well familiar with different agricultural products, means of transportation and their network of the India.
- 25) The students are got the knowledge of transport and trade in India.
- 26) The students are aware about fundamental concepts of Urban Geography and types of Urban Settlements, site & Situation.
- 27) The students are capable up to some level for handling the present problematic situation in urban and rural areas.
- 28) The course matter of Urban Geography has been prepared the students for good planner and environmental Conservator.
- 29) The students are able with distinct dimensions of Political Geography.
- 30) The students are known the role of geographical factors in influencing the political character of countries / regions.
- 31) The students are understood the geo-political issues in India and World.



- 32) The students are understood with the importance of map making & map Interpretation.
- 33) The students are understood map, concept of projection and concept of scale.
- 34) The students are trained in analysis of landforms, map Interpretation (S.O.I. topomaps and I.M.D. maps).
- 35) The students are trained in applications of different cartographic techniques and methods used for representation of demographic and physio- socio-economic database.
- 36) The students are aware about the applications of modern tool & techniques in Geography.
- 37) The students are developed their skills in instrumental (Plain Table and Prismatic Compass) survey.
- 38) The students are able to use computer for analysis of Geographical data.
- 39) The students are understood the basic information about Arial Photographs, Remote Sensing, GIS and GPS.