

# **1<sup>st</sup> SEMESTER**

## **CBCS-based U.G. Course in Geography, 2019**

### **Syllabus of Core Course**

**Course Name: Geomorphology**

**Paper Code: GGY - HC - 1016**

Course outcomes-

- The students will learn that the earth is unstable and it is undergoing constant changes due to dynamic earth's processes.
- The students will come to know about the meaning and scope of geomorphology as a major branch of Physical Geography.
- After gaining knowledge based on the contents embodied in this paper, the students will be able to realize the importance of geomorphological knowledge as applied in various developmental activities executed in different areas.

## **CBCS-based U.G. Course in Geography, 2019**

### **Syllabus of Core Course**

**Course Name: Cartographic Techniques**

**Paper Code: GGY - HC – 1026**

Course outcomes-

- Understanding the importance of various cartographic techniques in geographical study
- General understanding of map type, map scale and map content.
- An acquaintance of different cartographic techniques for representation of various facets of physical and human geographic data of any area.

**Generic Elective Course for Honours**  
**CBCS-based U.G. Course in Geography, 2019**  
**Syllabus of Generic Elective Papers**  
**Course Name: Physical Geography**  
**Paper Code: GGY-HG-1016**

Course outcomes-

- The students will learn that the earth is unstable and it is undergoing constant changes due to dynamic earth's processes.
- The students will come to know about the meaning and scope of geomorphology, which a major branch of Physical Geography.
- After gaining knowledge based on the contents embodied in this paper, the students will be able to realize the importance of geomorphological knowledge as applied in various developmental activities executed on the land and over the earth's surface.

**Generic Elective Course for Honours**  
**CBCS-based U.G. Course in Geography, 2019**  
**Syllabus of Generic Elective Papers**  
**Course Name: Geography of Tourism**  
**Paper Code: GGY - HG – 1026**

Course Outcomes-

- The paper will be useful for students in developing ideas on how geographical factors determine tourism activities and how geographers seek to address issues of development and carrying capacities of varied environments. It will also build skills among students to engage them to work with tourism/eco-tourism planning exercises.

## **2<sup>nd</sup> SEMESTER**

### **CBCS-based U.G. Course in Geography, 2019**

#### **Syllabus of Core Course**

**Course Name: Human Geography**

**Paper Code: GGY HC – 2016**

Course outcomes-

- The paper will be useful for students in developing ideas on human-environment issues that geographers usually address in the Anthropocene
- The paper will be useful for students preparing for UGC NET/SLET exams and other competitive exams including the civil services.

### **CBCS-based U.G. Course in Geography, 2019**

#### **Syllabus of Core Course**

**Course Name: Climatology and Biogeography**

**Paper Code: GGY HC – 2026**

Course outcomes-

- The paper will be useful for students in developing ideas on climate related aspects of geographical analyses.
- The paper will help provide theoretical insights and perspectives to students if they wish to pursue a research programme in future.
- Students will develop a basic understanding of the introductory concepts in biogeography.
- The paper be very useful for students preparing for UGC NET-JRF / SLET exam and other competitive exams including civil services.

**Generic Elective Course for Honours**  
**CBCS-based U.G. Course in Geography, 2019**  
**Syllabus of Generic Elective Course**  
**Course Name: Human Geography**  
**Paper Code: GGY-HG-2016**

Course outcomes-

- The paper will be useful for students in developing ideas on human-environment issues that geographers usually address in the Anthropocene
- The paper will be useful for students preparing for UGC NET/SLET exams and other competitive exams including the civil services.

**CBCS-based U.G. Course in Geography, 2019**  
**Syllabus of Generic Elective Course**  
**Course Name: Disaster Management**  
**Paper Code: GGY - HG – 2026**

Course outcomes-

- The students will be able to analyse the causes and management issues related to disasters taking place in students' own localities.
- The students will be able to differentiate the types of disasters, causes and their impact on environment and society along with various disaster management strategies and their applicability in different situations.

# **3<sup>rd</sup> SEMESTER**

## **Core Course**

**CBCS-based U.G. Course in Geography, 2019**

### **Syllabus of Core Course**

**Course Name: Economic Geography**

**Paper Code: GGY-HC-3016**

Course Outcomes:

- The paper will be useful for students in developing ideas on how geographical aspects organise economic space and will offer perspectives to students if they wish to pursue a research programme.
- The paper will be useful for students preparing for UGC NET/SLET exams and other competitive exams including the civil services.

**CBCS-based U.G. Course in Geography, 2019**

### **Syllabus of Core Course**

**Course Name: Geography of India with special reference to N.E. India**

**Paper Code: GGY-HC-3026**

Course outcome-

- The paper will be useful for students in developing understanding on Indian geography and its various dimensions.
- It will also be useful for students preparing for UGC NET/SLET examinations along with civil services and other competitive examinations.

**CBCS-based U.G. Course in Geography, 2019**

**Syllabus of Core Course**

**Course Name: Quantitative Methods in Geography**

**Paper Code: GGY-HC-3036**

Course Outcomes-

- Thorough understanding of the statistical methods and techniques used in geographical studies;
- Understanding of tabulation, analysis and interpretation of geographical data.

**Skill Enhancement Course for Honours**

**CBCS-based U.G. Course in Geography, 2019**

**Syllabus of Skill Enhancement Papers**

**Course Name: River Basin Studies**

**Paper Code: GGY – SE-3014**

Course Outcomes:

- At the end of the course, the students will be able to learn use of a few instruments like rotameter, planimeter, Dumpy Level, etc.
- To learn the basics of morphometric analysis techniques.
- To acquaint with the field methods of river studies in a cross-section.

**Skill Enhancement Course for Honours**  
**CBCS-based U.G. Course in Geography, 2019**  
**Syllabus of Skill Enhancement Papers**  
**Course Name: Thematic Cartography**  
**Paper Code: GGY – SE-3024**

Course outcomes-

- Understanding the importance of various techniques of preparation of maps in geographical study
- General understanding of preparation of different types of plan and maps.
- An acquaintance of different cartographic techniques for representation of various facets of earth's surface.

**Generic Elective Course for Honours**  
**CBCS-based U.G. Course in Geography, 2019**  
**Syllabus of Generic Elective Papers**  
**Course Name: Economic Geography**  
**Paper Code: GGY-HG-3016**

Course Outcomes-

- This paper will be useful for the students in developing understanding on how geographical factors organize economic space, and to acquire knowledge about spatial patterns of various economic activities on the earth.

**Generic Elective Course for Honours**  
**CBCS-based U.G. Course in Geography, 2019**  
**Syllabus of Generic Elective Papers**  
**Course Name: Cartographic Methods**  
**Paper Code: GGY-HG-3026**

Course Outcomes-

- Understanding the importance of various cartographic techniques in geographical study
- General understanding of map type, map scale and map content.
- An acquaintance of different cartographic techniques for representation of various facets of physical and human geographic data of any area.



# **4<sup>th</sup> SEMSETER**

**CBCS-based U.G. Course in Geography, 2019**

**Syllabus of Core Course**

**Course Name: Environmental Geography and Disaster management**

**Paper Code: GGY - HC – 4016**

Course outcomes-

- The paper will be useful for students in developing ideas on environmental issues that geographers usually address
- The paper will be useful for students preparing for UGC NET/SLET exams and other competitive exams including the civil services.

**CBCS-based U.G. Course in Geography, 2019**

**Syllabus of Core Course**

**Course Name: Population and Settlement Geography**

**Paper Code: GGY - HC – 4026**

Course outcomes-

- Population Geography its Definition, Nature and Scope; Sources of Data with special reference to India (Census, Vital Statistics and NSS).
- Population Size, Distribution and Growth – Determinants and Patterns; Theories of Growth – Malthusian Theory and Demographic Transition Theory.
- Population Dynamics: Fertility, Mortality and Migration – Measures, Determinants and Implications.
- Population Composition and Characteristics – Age-Sex Composition; Rural and Urban Composition; Literacy.
- Contemporary Issues – Ageing of Population; Declining Sex Ratio; HIV/AIDS.
- Acquire knowledge about Rural settlements- Definition, nature and characteristics; Analyse the morphology of rural settlements; Learn the rural house types, census categories of rural settlements and idea of social segregation; Learn the census definition and categories of urban settlements; Analyse the urban morphology models of Burgess, Hoyt, Harris and Ullman; Differentiate between city-region and conurbation; Analyse the functional classification of cities; Develop the skill of mapping language distribution of India; Learn to plot proportional squares to illustrate housing distribution; Acquire the skill of identifying rural settlement types from topographical sheet .

- Trace the origin of urban places over time and analyse the factors, stages and characteristics of these places; Analyse the theories of urban evolution and growth, Hierarchy of urban settlements; Understand the various aspects of urban place : location, site and situation; Rank-size rule and Law of primate city; Understand the concept of urban hierarchies; Understand the patterns of urbanization in developed and developing countries; Understand the ecological processes of urban growth; urban fringe; city-region; Analyse the models on city structure Identify and analyse the problems of housing, slums and civic amenities; Understand the patterns and trends of urbanization in India; Assess the policies on urbanization in post-liberalized India; Study the changing land use of Delhi, Kolkata and Chandigarh; Learn the technique to plot Rank-Size Rule and establish a hierarchy of urban settlements; Assess state-wise variation and trends of urbanization; Learn to analyse census data to measure urban growth; Develop a skill to prepare urban land use map from satellite images.

**CBCS-based U.G. Course in Geography, 2019**

**Syllabus of Core Course**

**Course Name: Remote Sensing Techniques and GIS**

**Paper Code: GGY - HC – 4036**

Course outcomes-

- The paper remains useful for students in developing skills in spatial data analysis if they wish to pursue a research programme.
- The paper will be useful for students preparing for UGC NET/SLET exams and other competitive exams including the civil services.

**CBCS-based U.G. Course in Geography, 2019**

**Syllabus of Core Course**

**Course Name: Advanced Statistical Techniques for Spatial Analysis**

**Paper Code: GGY - SE – 4014**

Course outcomes-

- It provides general understanding of geographical data and application of various statistical measures for their meaningful analysis.
- Acquiring basic knowledge about probability and normal distributions and their applications for sample data collection and analysis.
- Understanding the patterns and processes associated with various geographical phenomena through application of different statistical techniques.

**CBCS-based U.G. Course in Geography, 2019**

**Syllabus of Core Course**

**Course Name: Surveying Techniques**

**Paper Code: GGY – SE-4024**

Course outcomes-

- Understanding the importance of various surveying techniques in geographical study.
- General understanding of preparation of different types of plans and map.
- An acquaintance of different surveying techniques for representation of various objects of earth's surface.

**CBCS-based U.G. Course in Geography, 2019**

**Syllabus of Core Course**

**Course Name: Geography of India and N.E. India**

**(Generic Elective Course)**

**Paper Code: GGY-HG-4016**

Course outcome-

- The paper will be useful for students in developing understanding on Indian geography and its various dimensions.
- It will also be useful for students preparing for UGC NET/SLET examinations along with civil services and other competitive examinations.

# **5<sup>th</sup> SEMESTER**

**CBCS-based U.G. Course in Geography, 2018**

**Syllabus of Core Course**

**Course Name: Regional Development and Planning**

**Paper Code: GGY - HC – 5016**

Course outcomes-

- The paper will be useful for students in developing ideas on disparities within and between countries and their fallout.
- The paper will help provide theoretical insights and perspectives to students if they wish to pursue a research programme in future.
- The paper be very useful for students preparing for UGC NET-JRF / SLET exam and other competitive exams including civil services.

**CBCS-based U.G. Course in Geography, 2019**

**Syllabus of Core Course**

**Course Name: Field Techniques in Geography**

**Paper Code: GGY - HC – 5026**

Course outcomes-

- This course will help students to proceed with a research problem and the steps she/he should adopt and the tools and craft to be employed which doing quality research.
- Students perceive fieldwork to be beneficial to their learning because through it they experience 'geographical reality', have deeper understanding of the subject.
- The students will have a chance to interact with respondents and collect data through questionnaire directly from the field.
- Develop understanding about designing and writing a field report.

### **Discipline Specific Elective**

**Course Name: Climate Change: Vulnerability and Adaptation**

**Paper Code: GGY-HE-5016**

Course outcomes-

- The students will acquire knowledge and skill to detect the noticeable impacts of climate change in their vicinity.
- (ii) The students may join various govt. and non-govt. agencies dealing with climate change study and mitigation.
- (iii) The students will be able to know the extent to which the people and their economic activities are vulnerable to climatic changes and may suggest some adaptation strategies to the affected people, especially in the agricultural sector.

### **Discipline Specific Elective**

**Course Name: Social and Political Geography**

**Paper Code: GGY-HG-5026**

Course outcomes-

**SOCIAL GEOGRAPHY: ---**

- Students can Evaluate the social issues such as- racism, cast conflict, social distance.
- Students will Understand the causes of social inequality and their impact on society.
- Students can understand indicators of social well-being and quality of life.
- Students will know about the social space, social groups and intra-urban mobility.
- Students can learn Analysis the social set-up in Indian villages.

**POLITICAL GEOGRAPHY: --**

● Students will learn about political geography, its Introduction, Concepts, Nature and Scope.

● Students can understand State, Nation and Nation State – Concept of Nation and State, Attributes of State – Frontiers, Boundaries, Shape, Size, Territory and Sovereignty, Concept of Nation State; Geopolitics; Theories (Heartland and Rimland). They can know about Geography of Voting, Geographic Influences on Voting pattern, Geography of Representation, Gerrymandering.

● Students will learn about Political Geography of Resource Conflicts – Water Sharing Disputes, Disputes and Conflicts Related to Forest Rights and Minerals. They can also know about Politics of Displacement: Issues of relief, compensation and rehabilitation: with reference to Dams and Special Economic Zones.

**CBCS-based U.G. Course in Geography, 2019**

**Syllabus of Discipline Specific Elective**

**Course Name: Urban Geography**

**Paper Code: GGY - HE – 5056**

Course outcomes-

- The paper will be useful for students in developing ideas on how geographical factors organize urban spaces and how geographers seek to address city specific problems and issues.
- It will build skills for students seeking to enrol in a research programme and/or provide openings for them with urban/city planning agencies.

**CBCS-based U.G. Course in Geography, 2019**

**Syllabus of Discipline Specific Elective**

**Course Name: Agricultural Geography**

**Paper Code: GGY - HE – 5066**

Course outcomes-

- The paper will be useful for students in developing ideas on how geographical factors tangent on agricultural activities and how geographers seek to address issues of agricultural development and agricultural disparities.
- It will build skills for students seeking to enrol in a research programme and/or provide openings for them with agricultural /rural planning agencies.

# **6<sup>th</sup> SEMESTER**

**CBCS-based U.G. Course in Geography, 2019**

**Syllabus of Core Course**

**Course Name: Geographical Thought**

**Paper Code: GGY - HC – 6016**

Course outcomes-

- The paper will be useful for students in understanding perspectives on the development and contemporary trends in geography and its systematic study.
- The paper will be useful for students preparing for UGC NET/SLET exams and other competitive exams including the civil services.

**CBCS-based U.G. Course in Geography, 2019**

**Syllabus of Core Course**

**Course Name: Geography of Resources and Development**

**Paper Code: GGY - HC – 6026**

Course outcomes-

- Understanding the basic concept of resource and its various types and their utilities.
- Acquiring basic information about potentials and management of resources like land, water, forest and power in global context.
- Understanding the prevailing natural resource potential of North-East India and problems of management.

**CBCS-based U.G. Course in Geography, 2019**

**Syllabus of Discipline Specific Elective**

**Course Name: Geography of Health and Wellbeing**

**Paper Code: GGY - HE - 6016**

Course outcomes-

- Understanding of the concept of human health in the context of geography of health.
- Acquiring knowledge about factors influencing human health and occurrence of diseases in varying ecological settings.
- Providing useful information about the impact of global climate change on human health and occurrence of various diseases in different ecological settings in India.

**CBCS-based U.G. Course in Geography, 2019**

**Syllabus of Discipline Specific**

**Elective Course Name: Hydrology and Oceanography**

**Paper Code: GGY - HE - 6026**

Course outcomes-

- The students will learn to analyse the hydrology of any area, even his/her local area and identify the components of the hydrological cycle operating in the area.
- (ii) The students will learn the dynamic processes associated with the oceans and also the importance and values of the ocean resources.



**CBCS-based U.G. Course in Geography, 2019**

**Discipline Specific Elective**

**Course Name: Sustainable Development**

**Paper Code: GGY - HE – 6036**

Course outcomes-

- Thorough understanding about the concept of sustainability, sustainable development and inclusive development;
- Knowledge of sustainable development policies and programmes;
- Deeper knowledge of the national environmental policy, and the principles of good governance.

**CBCS-based U.G. Course in Geography, 2019**

**Discipline Specific Elective**

**Course Name: Research Methods and Project Work**

**Paper Code: GGY - HE – 6044**

Course outcomes-

- This course will help students to proceed with a research problem and the steps she/he should adopt and the tools and craft to be employed which doing quality research.