

## *Objective and Expected Outcome of Geography Honours Course*

**Course Code:** GEOH/CC/T/01

### **Course Objective**

The objective of this course is to provide knowledge regarding Earth's evolution, its interior with special reference to seismology, plate tectonics, folds and faults, origin and types of various landforms, different aggradational and degradational processes and models of landscape evolution.

### **Expected Outcome (EO)**

EO1 – Understanding crustal mobility and tectonics.

EO2 – Establishing the relationships between landforms, processes and underlying structure.

EO3- Overview and critical appraisal of landform development models.

**Course Code:** GEOH/CC/T/02

### **Course Objective**

The objective is to provide knowledge about the art and science of map making. To obtain that specific objective the relationship between the map distance and ground distance, the presentation of three-dimensional earth on a two-dimensional plane and two types of reference scheme of a topographical sheet is to be taught. Beside these the knowledge about physical and chemical characteristics of rocks and minerals and different aspects of their alignment below the earth's surface is also given.

### **Expected Outcome (EO)**

EO1- Understanding the science and art of map making

EO-2 Learning different methods of representation of relationship between map distance and ground distance.

EO3- Understand and buildup ability to convert from sphere to planar representation of earth.

EO4- Learn the physical and chemical characteristics (Megascopic identification) of some igneous, sedimentary and metamorphic rocks.

EO5- Interpretation of different aspects of geological map.

**Course Code:** GEOH/CC/P/02

### **Course Objective**

Objective is to provide knowledge about the technique of map making and projection. Building ability to correlate the physical and social aspects through the study of topographical maps.

### **Expected Outcome (EO)**

EO1- Ability to construct different types of scale.

EO2- Drawing of maps with the help of map projections.

EO3- Interpreting, reading, analyzing and identifying features from Geological and topographical maps.

**Course Code:** GEOH/CC/T/03

### **Course Objective**

- a) Gain knowledge about major themes of human geography.
- b) Acquire knowledge on the history and evolution of humans.
- c) Understand the approaches and processes of human geography as well as the diverse pattern of habitat and adaptations.
- d) Develop an idea about space and society.

### **Expected Outcome (EO)**

After the completion of the course, the learners will have the ability to:

EO1- Understand the key themes of human geography.

EO2- Acquire knowledge of population in India with spatio-temporal context.

EO3- Understand the changing natures of population dynamics in relation to economic growth, social development and cultural change.

EO4- Gain knowledge about the nature and morphology of rural and urban settlement.

**Course Code:** GEOH/CC/T/04

### **Course Objective**

- a) Understand and prepare different kind of maps.
- b) Recognize basic theme of map making.
- c) Development of observation skill.

### **Expected Outcome (EO)**

After the completion of the course, the learners will have the ability to:

EO1- Gain in-depth knowledge spherical trigonometry.

EO2- Develop cartographic skills which help the students depict and represent geographic information on the map.

**Course Code:** GEOH/CC/T/05

### **Course Objective**

- a) Understand the element of weather and climate, different atmospheric phenomena and climate change.
- b) To analyze the dynamics of Earth's atmosphere and global climate. Assessing the role of man in global climate change.

### **Expected Outcome (EO)**

EO1- Response to global warming at individual as well as societal levels; responding to issues of climate change and its impact.

EO2- Weather interpretation and forecasting with focus on application of hydrometeorology and agro-meteorology for future research work.

**Course Code:** GEOH/CC/T/06 & GEOH/CC/P/06

### **Course Objective**

- a) Learn the significance of statistics in Geography. Understand the importance of use of data in geography.
- b) Interpret statistical data for a holistic understanding of geographical phenomena

### **Expected Outcome (EO)**

EO1- Develop an idea about theoretical distribution.

EO2- Recognize the importance and application of statistics in geography. EO3- Understanding of statistical techniques with focus on univariate, bivariate analysis.

**Course Code:** GEOH/CC/T/07

### **Course Objective**

- a) Gaining knowledge about own country and state, its physical and cultural setup. b) Understanding about demographic characteristics and resource situation of India and West Bengal.
- c) Develop an idea about regionalization of India.

### **Expected Outcome (EO)**

EO1- Acquire knowledge about physical and non-physical resources of the country and state.

EO2- Understand the industrial development of India.

EO3- Gain knowledge about different biospheric reserves.

**Course Code:** GEOH/CC/T/08

### **Course Objective**

- a) Assess the importance of regions on the basis of its functions.
- b) Help us to identify the problems regarding disparity and diversity.
- c) Indicators and components of human development explain the measurement of inequality, regional disparity and stages of development.

### **Expected Outcome (EO)**

EO1- Understand and identify regions as an integral part of geographical study.

EO2- appreciate the varied aspects of development and regional disparity, in order to formulate measures of balanced development.

**Course Code:** GEOH/CC/T/09

### **Course Objective**

- a) Understand the concept of economic activity and gain knowledge about the changing concept of activity with technological development.
- b) Analyze the factors of location of agriculture and industries.
- c) Gaining knowledge about special economic zone, technological park etc.

### **Expected Outcome (EO)**

EO1- Assess the importance of economic activities in overall development

EO2- Different economic models help us to understand the relation between trade, capital and resources.

**Course Code:** GEOH/CC/T/10

### **Course Objective**

- a) Understand the systematic description of different components of environment and interactions of man with these components.
- b) Gaining knowledge and consciousness about environmental degradation and pollution arising out of increasing pressure of economy and technology.
- c) Acquire information about different environmental programmes and policies of international, national and local levels.

### **Expected Outcome (EO)**

EO1- It is expected that students make themselves aware about environmental perception and try to understand the changing perception in different stages of civilization.

EO2- Once the students become aware of environmental impact assessment, they can gain the skills regarding mitigating measures concerning climatic hazards.