

**PROGRAM OUTCOME**  
**PROGRAM SPECIFIC OUTCOME**  
**AND**  
**MAPPING OF COURSE OUTCOME**  
**& PROGRAM OUTCOME**  
  
**(CBCS & under CCFUP as per NEP)**



**DEPARTMENT OF GEOGRAPHY**  
**KHALISANI MAHAVIDYALAYA**  
**CHANDANNAGAR, HOOGHLY**  
  
**PIN- 712138**



ESTD 1970

# KHALISANI MAHAVIDYALAYA

AISHE Code: C-44706

Khalisani, Chandannagar, Hooghly, Pin-712138

Ph. No. (033)-2682-5530/9517/8856

Email- [khalisanimahavidyalaya@gmail.com](mailto:khalisanimahavidyalaya@gmail.com)

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## DEPARTMENT OF GEOGRAPHY

### PROGRAM OUTCOME

**PO1** (Develop Ability to Understand Landform Configuration Along With Mapping and Mathematical Approaches in Geography)

**PO2** (Develop the Capability of Understanding Geographical Environment of the Human World Along With Thematic Mapping in Geography)

**PO3** (Develop the Ability to Comprehend the Climatological Phenomena and Application of Statistics in Geography)

**PO4** (Develop the Sense of Understanding Geography of the Country of India and Computer Basics, Computer Applications with Remote Sensing)

**PO5** (Develop the Understanding of Regional Development and Planning Along With Geography of the Economic World)

**PO6** (Develop the Ability to Comprehend Geography of Environment Along With Advanced Spatial Statistical Technique and Field Work)

**PO7** (Develop the Understanding of Research Methodology and Field Work Along With Remote Sensing And Geographical Information System)



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**PO8** (Develop the Understanding of Urban, Population and Settlement Geography Along With the Geography Of Society And Population)

**PO9** (Develop the Understanding of Geographical Thoughts Along With Disaster Management)

# KHALISANI MAHAVIDYALAYA

## Mapping/Co-relation Program Outcome (PO) & Course Outcome (CO)

Department : Geography      Session : 2022-23										
CO Details		PO Details								
Sl No.	Course Name	PO1 (DEVELOPE ABILITY TO UNDERSTAND LANDFORM CONFIGURATION ALONG WITH MAPPING AND MATHEMATICAL APPROACHES IN GEOGRAPHY)	PO2 (DEVELOPE THE CAPABILITY OF UNDERSTANDING GEOGRAPHICAL ENVIRONMENT OF THE HUMAN WORLD ALONG WITH THEMATIC MAPPING IN GEOGRAPHY)	PO3 (DEVELOPE THE ABILITY TO COMPREHEND THE CLIMATOLOGICAL PHENOMENA AND APPLICATION OF STATISTICS IN GEOGRAPHY)	PO4 (DEVELOPE THE SENSE OF UNDERSTANDING GEOGRAPHY OF THE COUNTRY OF INDIA AND COMPUTER BASICS, COMPUTER APPLICATIONS WITH REMOTE SENSING)	PO5 (DEVELOPE THE UNDERSTANDING OF REGIONAL DEVELOPMENT AND PLANNING ALONG WITH GEOGRAPHY OF THE ECONOMIC WORLD)	PO6 (DEVELOPE THE ABILITY TO COMPREHEND GEOGRAPHY OF ENVIRONMENT ALONG WITH ADVANCED SPATIAL STATISTICAL TECHNIQUE AND FIELD WORK)	PO7 (DEVELOPE THE UNDERSTANDING OF RESEARCH METHODOLOGY AND FIELD WORK ALONG WITH REMOTE SENSING AND GEOGRAPHICAL INFORMATION SYSTEM)	PO8 (DEVELOPE THE UNDERSTANDING OF URBAN, POPULATION AND SETTLEMENT GEOGRAPHY ALONG WITH THE GEOGRAPHY OF SOCIETY AND POPULATION)	PO9 (DEVELOP THE UNDERSTANDING OF GEOGRAPHICAL THOUGHTS ALONG WITH DISASTER MANAGEMENT)
1.	CC-1 GEOTECTONICS AND GEOMORPHOLOGY	✓								
2.	CC-2 CARTOGRAPHIC TECHNIQUES AND GEOLOGICAL MAP STUDIES	✓								
3.	CC-3 HUMAN GEOGRAPHY		✓							
4.	CC-4 CARTOGRAMS AND THEMATIC MAPPING		✓							
5.	CC-5 CLIMATOLOGY			✓						



15.	CC-12 REMOTE SENSING AND GIS								✓	
16.	DSE-1 URBAN GEOGRAPHY OR CULTURAL AND SETTLEMENT GEOGRAPHY								✓	
17.	DSE-2 POPULATION GEOGRAPHY OR SOCIAL GEOGRAPHY								✓	
18.	CC-13 EVOLUTION OF GEOGRAPHICAL THOUGHT									✓
19.	CC-14 DISASTER MANAGEMENT									✓
20.	DSE-3 FLUVIAL GEOMORPHOLOG Y OR RESOURCE GEOGRAPHY	✓								
21.	DSE-4 SOIL AND BIO- GEOGRAPHY OR AGRICULTURAL GEOGRAPHY	✓					✓			



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## **Department of Geography**

### **UG Program: B.A / B.Sc in Geography**

#### **Program Specific Outcome**

The Geography graduates are expected to gain knowledge of the fundamental concepts of Geography and applied Geography through theory and practical knowledge and establish the position of Geography as a subject and its importance and interrelationships that reiterate and validate the Man Environment relationship. Hence, students will be able to secure knowledge and applications in the following fields:

- In the course of field surveys, students acquire a greater understanding of the socio-economic and cultural dimensions of the populations with greater focus on marginalized section of society.
- Physical field surveys enable the students to understand the landforms, geomorphic process and associated hazards.
- Provide training to students in handling modern instruments and methods like Aerial Photographs, Satellite Imagery, Total Station and Meteorological instruments.
- Computer-based techniques (RS & GIS) are incorporated in the syllabus which prepares the students for further analytical studies.
- The students are directed towards problem analysis so that they can design and conduct independent research.
- The comprehensive syllabus promotes and develops a thorough knowledge of concepts, methods and theory.



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- The Ability Enhancement Course strives to develop communication powers in the student, both written and oral.
- Students prepare themselves to examine social and environmental issues along with the causes, consequences and remedial measures emerging at local and national levels.
- The syllabus is oriented towards emerging job opportunities and future prospects for the students.
- Assistance is given to students in preparing for various competitive exams like NET, SET, SSC



# **COURSE OUTCOME**

**(CBCS)**



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## Course Outcome Geography Honours (CBCS)

Sl.No	Name of the Programme	Semester	Course Code	Course Title	Number of Credit	Course Outcome
1	BA HONOURS	1st	CC 1	GEOTECTONIC & GEOMORPHOLOGY	6	This course helps the student to understand the different physical features of earth surface as well as beneath the surface and role of ongoing processes to create such features. Such understanding will help to know our environment in better way for sustainable management.
2	BA HONOURS	1st	CC 2	CARTOGRAPHIC TECHNIQUES AND GEOLOGICAL MAP STUDIES	6	This paper helps students for making maps, read surface and sub-surface topography, and analysis different geographical data and make them a visual representation for interpretation of different geographical aspects, which could help in environmental planning and management.
3	BA HONOURS	2nd	CC 3	HUMAN GEOGRAPHY	6	This field of study will promote students to understand distribution and pattern of different attribute of society with detail evolution of human civilization and their relationship with environment.
4	BA HONOURS	2nd	CC 4	CARTOGRAMS, SURVEY AND THEMATIC MAPPING	6	This paper helps to represent geographical data for planning the environment.
5	BA HONOURS	3rd	CC 5	CLIMATOLOGY	6	This paper will help to understand that climatic characteristic of earth and role of climate on the distribution of different environmental characteristics.
6	BA HONOURS	3rd	CC 6	STATISTICAL METHODS IN GEOGRAPHY	6	This paper will help to analysis numerical data of environment for prediction, and possibility to happen.
7	BA HONOURS	3rd	CC 7	GEOGRAPHY OF INDIA	6	Helps to know the physical and cultural diversity of India, to understand the environmental characteristic of India.
8	BA HONOURS	4th	CC 8	REGIONAL PLANNING AND DEVELOPMENT	6	This course could improve the ethical issue and human values with the knowledge of regional disparity and prospect of development of specific region



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9	BA HONOURS	4th	CC 9	ECONOMIC GEOGRAPHY	6	This course helps to enrich student with the understanding about the environmental sustainability by detail knowledge on renewable and non-renewable resources, their availability, and distribution; Student could understand the potential locations for renewable energy. The course also helps to understand the best agricultural and mining practices for environmental sustainability.
10	BA HONOURS	4th	CC 10	ENVIRONMENTAL GEOGRAPHY	6	This course helps to improve the knowledge of environmental sustainability with diverse knowledge on climate change, global warming, health issues, SDGs etc.
11	BA HONOURS	5th	CC 11	RESEARCH METHODOLOGY AND FIELD WORK	6	Proper understanding on Geographical Survey is an essential part to write scientific report on the environmental issues and sustainable management practice
12	BA HONOURS	5th	CC 12	REMOTE SENSING AND GIS	6	Remote Sending and GIS is very essential tool to monitor environmental changes and modelling to predict potentials losses in coming future and also can suggest to improve the quality of environment
13	BA HONOURS	5th	DSE 1	URBAN GEOGRAPHY	6	This course can help to understand the human values, gender related issues in urban area through the study of dynamic characteristic of urban population. This course can also help to know the environmental effect of urbanization and their management.
14	BA HONOURS	5th	DSE 1	CULTURAL AND SETTLEMENT GEOGRAPHY	6	This course helps to improve the ethical perception, gender revealed issues and human values with the detail knowledge of Gandhian Approach of Rural Development, in particular the concept of “Ideal Village”. In addition, the concept of different social development project run by our government also helps to improve the gender discrimination and social improvement.
15	BA HONOURS	5th	DSE 2	POPULATION GEOGRAPHY	6	The knowledge of population dynamics and their characteristic can help in solving gender related issues, environmental degradation, and sustainable future.
16	BA HONOURS	5th	DSE 2	SOCIAL GEOGRAPHY	6	This course could helps in improvement of human values, gender related issues, and human-environmental interaction for sustainable development, with diverse knowledge of human society.



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17	BA HONOURS	6th	CC 13	EVOLUTION OF GEOGRAPHICAL THOUGHT	6	Helps to enrich the professional ethics, gender issues, human values and environmental approach with an wholistic knowledge of philosophical background of this subject.
18	BA HONOURS	6th	CC 14	DISASTER MANAGEMENT	6	This course directly helps student with detail knowledge on environmental issues like environmental hazard and disaster management, assessment of risk and vulnerability of any particular hazard.
19	BA HONOURS	6th	DSE 3	FLUVIAL GEOMORPHOLOGY	6	This course helps to know river system in detail for their sustainable development and conservation.
20	BA HONOURS	6th	DSE 3	RESOURCE GEOGRAPHY	6	This course helps to improve the knowledge of environmental sustainability on climate change issue and its mitigation
21	BA HONOURS	6th	DSE 4	SOIL AND BIO GEOGRAPHY	6	This course helps to enrich the knowledge of soil and biodiversity as essential elements of our environment, which can improve the view for their sustainable development.
22	BA HONOURS	6th	DSE 4	AGRICULTURAL GEOGRAPHY	6	With this Course, the detail knowledge of agriculture system helps to understand the role of environment on agriculture and their sustainable development.

# **COURSE OUTCOME**

**Under CCFUP (as per NEP)**



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## Course Outcome Geography Honours under CCFUP (as per NEP)

Sl.No .	Name of the Programme	Semester	Course Code	Course Title	Number of Credit	Course Outcome
1	Geography Honours	1 <sup>st</sup>	GEOG 1011 & GEOG 1021	GEOTECTONIC & GEOMORPHOLOGY	4	To instil fundamental knowledge about the different aspects of Physical Geography, especially Geotectonics and Geomorphology with the objective to educate them regarding the characteristics of different Earth surface processes and landforms.
2	Geography Honours	1 <sup>st</sup>	GEOG 1051	COMPUTER BASICS AND COMPUTER APPLICATIONS (Practical)	3	This is an initiative to develop the basics of computer applications to students so that they can apply it to solve the geographical problems through statistical methods. From this course students can learn the significance of computer applications in geographical studies.
3	Geography Honours	1 <sup>st</sup>	GEOG 1031	PHYSICAL GEOGRAPHY	3	Students can acquire knowledge and develop an understanding of concepts, processes and methods of Physical Geography. Students may develop an interest in Geography through this course. Students can familiarize themselves with key concepts, terminology and core principles of Geography.
4	Geography Honours	2 <sup>nd</sup>	GEOG 2011 & GEOG 2021	POPULATION AND SETTLEMENT GEOGRAPHY	4	To inculcate fundamental knowledge about Population Geography and basic concepts in Settlement Geography.
5	Geography Honours	2 <sup>nd</sup>	GEOG 2051	FIELD SURVEY TECHNIQUES	3	This is an initiative to develop the basic concept of field technique to students so that they can apply it to solve the geographical problems in the field. From this course students can learn the significance of field techniques in geographical studies, understand the meaning of field and identifying the case study.
6	Geography Honours	2 <sup>nd</sup>	GEOG 2031	HUMAN GEOGRAPHY	3	Students can acquire knowledge and develop an understanding of concepts, processes and methods of Human Geography. Students may develop an interest in Human Geography through this course. Students can familiarize themselves with key concepts, terminology and core principles of Human Geography. They can easily recognize and understand the processes and patterns of the spatial arrangement of the natural features as well as human aspects and phenomena on the earth's surface.



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Sl.No	Name of the Programme	Semester	Course Code	Course Title	Number of Credit	Course Outcome
7	Geography Honours	3 <sup>rd</sup>	GEOG 3011	GEOGRAPHY OF INDIA	5	To provide knowledge about the Physiography, Economy, and Demography of India
8	Geography Honours	3 <sup>rd</sup>	GEOG 3012	CARTOGRAPHY & SURVEYING (PR)	5	To impart knowledge about mathematical principles of maps, to gain knowledge to analyze maps and diagrams prepared using mathematical principles. To provide knowledge of using precision instruments for survey purposes.
9	Geography Honours	3 <sup>rd</sup>	GEOG 3051	BASICS OF RS & GIS	3	To provide knowledge about Remote Sensing and GIS technology enabled information on natural and built environments.
10	Geography Honours	3 <sup>rd</sup>	GEOG 3031	ENVIRONMENTAL GEOGRAPHY	3	The objectives of environmental geography are to impart basic knowledge about the environment and its allied problems and to create awareness about environmental problems among people.
11	Geography Honours	4 <sup>th</sup>	GEOG 4011	CLIMATOLOGY	5	Understanding the nature of the Earth's atmosphere and its different phenomena.
12	Geography Honours	4 <sup>th</sup>	GEOG 4012	ECONOMIC GEOGRAPHY	5	To instill fundamental ideas of Economic Geography, concept of resources and different economic activities.
13	Geography Honours	4 <sup>th</sup>	GEOG 4013	MAP PROJECTION & MAP ANALYSIS (PR)	5	To inculcate fundamental knowledge about projection methods, Topographical maps, and Geological maps.