

CROSS CUTTING ISSUES

(CBCS)



DEPARTMENT OF GEOGRAPHY

KHALISANI MAHAVIDYALAYA

CHANDANNAGAR, HOOGHLY

PIN- 712138



ESTD 1970

KHALISANI MAHA VIDYALAYA

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Enlightenment through Education

DEPARTMENT OF GEOGRAPHY

Crosscutting Issues (CBCS)

Semester	Course Code	Course Title	Number of Credit	Relevance of Crosscutting Issues
I	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 on going processes to create such features. Such understanding will help to know our environment in better way for sustainable management.
	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.
II	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.
	CC 4	CARTOGRAMS, SURVEY AND THEMATIC MAPPING	6	This paper helps to represent geographical data for planning the environment.
III	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.
	CC 6	STATISTICAL METHODS IN GEOGRAPHY	6	This paper will help to analysis numerical data of environment for prediction, and possibility to happened.
	CC 7	GEOGRAPHY OF INDIA	6	Helps to know the physical and cultural diversity of India, to understand the environmental characteristic of India.
IV	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
	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



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				sustainability.
	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.
V	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
	CC 12	REMOTE SENSING AND GIS	6	Remote Sensing 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
	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.
	DSE 1	CULTURAL AND SETTLEMENT GEOGRAPHY	6	This course helps to improve the ethical perception, gender related 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.
	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.
	DSE 2	SOCIAL GEOGRAPHY	6	This course could help in improvement of human values, gender related issues, and human-environmental interaction for sustainable development, with diverse knowledge of human society.
VI	CC 13	EVOLUTION OF GEOGRAPHICAL THOUGHT	6	Helps to enrich the professional ethics, gender issues, human values and environmental approach with a holistic knowledge of philosophical background of this subject.
	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.
	DSE 3	FLUVIAL GEOMORPHOLOGY	6	This course helps to know river system in detail for their sustainable development and conservation.



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DSE 3	RESOURCE GEOGRAPHY	6	This course helps to improve the knowledge of environmental sustainability on climate change issue and its mitigation
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.
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.

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Semester	Course Code	Course Title	Number of Credit	Relevance of Crosscutting Issues
I	GEOG 1011 & GEOG 1021	GEOTECTONIC & GEOMORPHOLOGY	4	This course helps the student to understand the different physical features of earth surface as well as beneath the surface and role of on going processes to create such features. Such understanding will help to know our environment in better way for sustainable management.
	GEOG 1051	COMPUTER BASICS & COMPUTER APPLICATIONS	3	The acquired knowledge is beneficial to providing for future studies in Geography. This obtained knowledge will definitely providing basic inputs in skill development which will place the students in their professional life in the near future.
II	GEOG 2011 & GEOG 2021	POPULATION & SETTLEMENT GEOGRAPHY	4	The knowledge of population dynamics and their characteristic can help in solving gender related issues, environmental degradation, and sustainable future.
	GEOG 2051	FIELD TECHNIQUES	3	Proper understanding on Geographical Survey is an essential part to write scientific report on the environmental issues and sustainable management practice
III	GEOG 3011	GEOGRAPHY OF INDIA	5	Helps to know the physical and cultural diversity of India, to understand the environmental characteristic of India.
	GEOG 3012	CARTOGRAPHY & SURVEYING	5	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.
	GEOG 3031	ENVIRONMENTAL GEOGRAPHY	3	This course helps to improve the knowledge of environmental sustainability with diverse knowledge on climate change, global warming, health issues,



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				SDGs etc.
	GEOG 3051	BASIC RS & GIS	3	This knowledge will help the students to enhance their skills in the preparation of digital maps for planning purposes.
IV	GEOG 4011	CLIMATOLOGY	5	This paper will help to under that climatic characteristic of earth and role of climate on the distribution of different environmental characteristics.
	GEOG 4012	ECONOMIC GEOGRAPHY	5	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.
	GEOG 4013	MAP PROJECTION & MAP ANALYSIS	5	This knowledge will help to provide a foundation for further studies in Physical Geography or Earth Sciences.
	GEOG 4021	FUNDAMENTALS OF CLIMATOLOGY & BIOGEOGRAPHY	5	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.