



GOBINDA PRASAD MAHAVIDYALAYA

P.O.- AMARKANAN, DIST.- BANKURA-722133 (W.B.)



Program Outcomes, Program Specific Outcomes and Course Outcomes

DEPARTMENT OF GEOGRAPHY

Programme Name: B. Sc. Honours in Geography

Session: 2022-2023

Programme Outcomes:

After successful completion of three-year degree program in Geography, a student should be able to:	
PO-1.	Analyze, comprehend, and have a solid grasp of the key ideas in all areas of Geography.
PO-2.	Able to understand how geography has developed through different philosophical thoughts and its modern paradigm.
PO-3.	Students will learn how different branches of geography interact with each others.
PO-4.	Accurately they can analyze the qualitative and quantitative information in geographical filed.
PO-5.	Through this interdisciplinary subject, students will be able to help the policymakers in different economic and environmental project.

Programme Specific Outcomes:

Programme Specific outcomes are:	
PSO-1.	Gain knowledge about the geo-tectonic and geomorphic forces shaping the earth through the different geological time frame.
PSO-2.	Concept of socio-economic map making with cartographic tools and statistical techniques
PSO-3.	Idea about regional geography of India and west Bengal with special reference to primary, secondary and tertiary sectors of production.
PSO-4.	Student will be familiarized globally and will also be introduced that how the human activities subject to adapted and change globally.
PSO-5.	Students will be exposed to cartographic information, skills to develop map reading, understanding the GIS software, Remote Sensing tools and will be able analyze digital data

Course Outcomes of B.Sc. Honours in Geography

Course Code	Course Title	Course Outcome/Learning Outcome
UG (Semester I)		
SHGEO/101/C-1T	Geotectonic and Geomorphology	<ol style="list-style-type: none"> 1. Understanding origin and evolution of Earth with special reference to cross-cutting approach like Big Bang Model 2. To have an idea of our dynamic earth and its geological make up. 3. Understanding major processes that are responsible for its surface features.
SHGEO/102/C-2P	Cartographic Techniques	<ol style="list-style-type: none"> 1. Learning measurement of the various features of the earth by developing expertise on cartographic methods and techniques 2. Developing concepts in projecting the earth as a planet. 3. Measuring the earth's surface features on horizontal and vertical planes through learning of different surveying and levelling operations.
UG (Semester II)		
SHGEO/201/C-3T	Human Geography	<ol style="list-style-type: none"> 1. Understanding the nature and principles of human geography with special emphasis on cultural aspects of man. 2. Developing concepts on the evolution of mankind and spatial population characters 3. Students will learn to analyze man-environment interrelations.
SHGEO/202/C-4P	Cartograms and Thematic Mapping	<ol style="list-style-type: none"> 1. Students would learn graphical representation of statistical data. 2. Develop skills of map making and basics of cartography. 3. Understanding topographical map (OSM)- its nomenclature and develop practical skills of interpreting man-environment interrelations.
UG Semester III		
SHGEO/301/C-5T	Climatology	<ol style="list-style-type: none"> 1. Ability to apply various laws of physics learnt at school level to understand atmospheric processes particularly monsoon circulation. 2. Capable of understanding day to day changes of weather and their impacts. 3. Understanding the origin and trajectory of tropical cyclone is pertinent to real life as the region falls within the most devastating cyclone regime.
SHGEO/302/C-6T	Geography of India	<ol style="list-style-type: none"> 1. Able to understand the geological and climatic makeup of the country in general and the state of West Bengal in particular. 2. Will learn the socio-economic profiles of India as well as West Bengal.

SHGEO/ 303/C- 7P	Statistical Methods in Geography	<ol style="list-style-type: none"> 1. Students will learn various quantitative techniques to supplement regular qualitative interpretation. 2. Statistics as a tool of geography provides strong scientific footing to geographical interpretation and it helps students to make any geographical study and empirical base.
------------------------	-------------------------------------	---

SHGE O/ 305/SEC- 1P	Computer Basics and Applications	<ol style="list-style-type: none"> 2. hardware and software components, operating systems, input and output devices etc. 2. They will be made capable of handling MS-EXCEL particularly statistical calculations, formula making and graphical representation of data which has immense application in higher studies.
------------------------------	-------------------------------------	--

UG Semester IV

SHGEO/401/ C- 8T	Regional planning & Development	<ol style="list-style-type: none"> 1. Students will learn processes and methods of planning for regional economic development. 2. Have an understanding on various theoretical perspectives of regional planning at different levels. 3. Have an idea of the present status of a number regional development programmes and policies taken at national and regional level.
SHGEO/402/C- 9T	Geography of Economic Activities	<ol style="list-style-type: none"> 1. Would learn theoretical background of agriculture which is very pertinent to the country like India where nearly two- thirds of population is dependent on agriculture in the country. 2. It also aims to develop students' knowledge on the tourism as an alternative means of economic development.
SHGEO/403/C - 10P	Environmental Geography	<ol style="list-style-type: none"> 1. The world is going through environmental crisis. In this backdrop the curriculum is very relevant where students will have practical experience on various impact assessment methods. 2. Students will also learn various techniques of measurements of environmental parameters. 3. The project-based learning will have deeper understanding of the techniques and concepts.
SHGEO/405/SE C- 2P	GIS and GNSS	<ol style="list-style-type: none"> 1. Students will have practical experience on handling GIS software's and its theoretical background. 2. They will also be able to handle GPS/GNSS devices, collect waypoints and working with them in MS-EXCEL as well as GIS platforms. 3. At the UG level, students will also be able to make their own maps in GIS software and they will have hands on experience on Digital Cartography.

UG Semester V

SHGEO/501/C - 11T	Evolution of Geographical Thought	<ol style="list-style-type: none"> 1. Students will learn the growth and development of the discipline during its entire course of journey. 2. It helps to understand the basic philosophy of geography which is broadly considered as "Areal Differentiation". 3. It highlights various schools of thought evolved in different areas of the world with a thrust into the paradigm shift in the discipline during its making.
----------------------	---	---

SHGEO/502/C - 12P	Remote Sensing Techniques	<ol style="list-style-type: none"> 1. Students will learn to understand basic concepts of remote sensing as a modern data acquisition tool. 2. It will give practical idea of data downloading, classification and further analysis of georeferenced earth data which they can further use in various research endeavors.
----------------------	------------------------------	---

SHGEO/503/DS E- 1T	Hydrology and Oceanography	<ol style="list-style-type: none"> 4. Have an understanding of the controlling factors and flow pattern of surface runoff as well as underground water- its recharge and discharge. 5. Students will be able to understand various air-sea interaction processes by studying oceanography.
-----------------------	-------------------------------	--

SHGEO/504/DS E- 2T	Cultural and Settlement Geography	<ol style="list-style-type: none"> 1. Students will be able to correlate different cultural traits with their own and the cultural transformation with time. 2. Understanding of the patterns of rural as well as urban settlements and their distribution over space.
-----------------------	--------------------------------------	--

SHGEO/504/DS E- 2T	Urban Geography	<ol style="list-style-type: none"> 1. During recent phase of unprecedented urbanization, students will learn concepts and theories of urbanization. 2. They will also learn different aspects and problems of urbanization with special reference to India.
-----------------------	-----------------	---

UG Semester VI

SHGEO/601/C- 13T	Disaster Management	<ol style="list-style-type: none"> 1. In the present context, it is pertinent to study disaster preparedness, techniques of mitigation and management. 2. Will develop concepts of disaster risk perception and will have an idea of various types of disasters in the country in its different geographical regions. 3. Will develop knowledge on various kinds of environmental hazards, management techniques particularly earthquake, landslide, cyclone, floods etc.
---------------------	---------------------	--

SHGEO/602/C- 14P	Research Methodology and Field Work	<ol style="list-style-type: none"> 1. Geography is basically a field-based science. Students can enhance their understanding level of field observation and interpretation skill along with report writing and presentation skill in front of experts. 2. Students will be empowered to do their research work right at the UG level. 3. They will get practical experience in undertaking research projects on their own which will ultimately build confidence among them in their higher studies and research.
---------------------	--	--

SHGEO/603/DS E- 3T	Soil and Biogeography	<ol style="list-style-type: none"> 1. Students will learn the factors and processes of soil formation and their physical and chemical properties. 2. Have an understanding on the role of man in changing the face of the earth particularly the biosphere.
-----------------------	-----------------------	---

SHGEO/604/DS E- 4T	Population Geography	<ol style="list-style-type: none"> 1. Have an idea on the concepts of different aspects of population and students will be able to understand the reasons behind population problems in different regions of the country. 2. They will also build concepts on population policies and different contemporary issues on population geography.
-----------------------	----------------------	--

SHGEO/604/DSE-4T	Geography of Health and Well Being	<ol style="list-style-type: none"> 1. Students will be made well aware of different types of health risks and diseases and their impact on society. 2. They will develop concepts on how climatic change impacts on the distribution of diseases and spread of new types of vectors borne diseases around the world.
------------------	------------------------------------	--

Biswajit Talukder

H.O.D.
DEPARTMENT OF GEOGRAPHY
G. P. Mahavidyalaya
Amārkānan, Bankura

