

DEPARTMENT OF GEOGRAPHY

The department of Geography at Sudhiranjan Lahiri Mahavidyalaya was established in the year 2006 as a self finance department under the University of Kalyani with the support of the then principal of the college Dr.Sarojendra Nath Kar. In the beginning, only Hons. course was taught under this department and only 20 seats were available for the course, but then the following year pass course also became a part and was made available for the students as a degree. As it is a self-finance department no permanent post was sanctioned by Government so some guest teachers and contractual teacher were to teach the students. In the year 2020 however these guest teachers and contractual teacher were appointed as SACT (State Aided College Teacher) by the State Government . Now total no. of 5 SACTs and one lab attendant are present in this department. The department has grown rapidly since its inception.

PROGRAMME OUTCOME(P.O)

The main objectives of this new curriculum is to give the students a holistic understanding of the subject, putting equal weightage to the core content and techniques used in Geography. The syllabus tries to give equal importance to the main branches of Geography: Physical and Human. The principal goal of the syllabus is to enable to students to secure a job at the end of the undergraduate programme. The syllabus is designed to impart basic knowledge on Geography as a spatial science and train the undergraduates to secure employment in the sectors of geospatial analysis, development and planning, mapping and surveying.

After the completion of the course the student is expected to know how to do the following:

- 1) GEOTECTONICS and GEOMORPHOLOGY:a)understand the theories and fundamental concepts of geotectonics and geomorphology. b)overview and critical appraisal of landforms development models. c)Identification of rocks and minerals.
- 2) CARTOGRAPHIC TECHNIQUES:understand and prepare different kinds of maps.
- 3) HUMAN GEOGRAPHY:understand the approaches and processes of human Geography as well as diverse patterns of habitat and adaptations.

- 4) THEMATIC MAPPING and SURVEYING: a) Interpret geological and weather maps.
b) Brings direct interaction of different types of surveying instruments like Dumpy level and Theodolite with environment.
- 5) CLIMATOLOGY: understand the elements of weather and climate different atmospheric phenomena and climatic change.
- 6) STATISTICAL METHODS IN GEOGRAPHY: Interpret statistical data for a holistic understanding of geographical phenomena. Know about different types of sampling.
- 7) ECONOMIC GEOGRAPHY: understand the evolution of varied types of economic activities.
- 8) RESEARCH METHODOLOGY AND FIELD WORK: Have expertise in identification of area of study, methodology, quantitative and qualitative analysis and conclusions to be drawn about the area.
- 9) REMOTE SENSING AND GIS: Training in the geographic information system contemporary mapping skills.

At the end of the programme the students shall be familiar with the following outcomes:-

- 1) To understand the scope and evolution of the diverse discipline of Geography.
- 2) Appreciate and reflect critically on the importance of holistic and interpretative human-environment perspectives.
- 3) Development of knowledge skills and holistic understanding of the discipline among students. Encouragement of scientific mode of thinking and scientific method of enquiry in students. This goal is achieved through the regular field excursions conducted by the department to various part of India extensively and the writing of a report.

Program Specific Outcomes (PSO)

- PSO1) Student will gain the knowledge of Physical Geography.
- PSO2) Understanding the functioning of global economies.
- PSO3) The physical environment human societies and global economic systems are integrated the principles of sustainable development.

PSO4) As a student of the course they will enrich their observation power through field experience and in future this will be helpful for identifying the socio-environmental problems of their community.

PSO5) Training the practical techniques of mapping cartography software, interpretation of maps, photographs and images etc; so as to understand the spatial variation of phenomena on the Earth's surface. They will learn how to prepare maps based on GIS by using the modern geographical map making techniques.