

ADD-ON COURSE

(Duration: April to June- 2023)

Department of Geography

Hazi A.K. Khan College

Course Title: Fundamentals of Oceanography

Course Outcome:

After completing the course, the students will be able to-

- Get the idea about the significance and relevance of Oceanography
- Develop the knowledge about temperature, density and salinity of ocean water
- Realise the determining factors of ocean currents
- Construct the idea of ocean currents of the Pacific ocean, the Atlantic ocean and the Indian ocean
- Assess the bottom topography of Pacific ocean, Atlantic ocean and Indian ocean
- Build the idea about coral reefs

Course Outline:

Module- 1: Oceanography

(30 hours)

- Nature and scope of Oceanography and its relevance
- Temperature, salinity and density of ocean water
- Factors influencing ocean currents
- The currents of Pacific ocean, Atlantic ocean and Indian ocean
- Bottom topography: Pacific ocean, Atlantic ocean and Indian ocean
- Concept about coral reefs and its origin

Course Design:

- ❖ Duration of the course in hours: 30 hours
- ❖ Course fees: Nil
- ❖ This course is open to all the students of Semester- IV (Geography honours)