

About the Add-on Course

This course provides a comprehensive introduction to the field of oceanography, covering various aspects of Earth's oceans and their significance. The course equips students with a solid foundation in oceanography, making it valuable for those interested in marine science, environmental science, and related fields, as well as for anyone wanting to understand the vital role oceans play in shaping our planet.



DEPARTMENT OF GEOGRAPHY

HAZIA. K. KHAN COLLEGE
HARIHARPARA, MURSHIDABAD

INTRODUCES

AN ADD-ON COURSE ON FUNDAMENTALS OF OCEANOGRAPHY

Assessment process:

Students will be graded on Course- end
Assessment and Attendance

This Course is Open to all
Geography Honours Students

Course Fee: NIL

COURSE CONTENT

§ MODULE 1: NATURE AND SCOPE OF OCEANOGRAPHY AND ITS RELEVANCE

[TIME: 5 HOURS]

§ MODULE 2: TEMPERATURE, SALINITY AND DENSITY OF OCEAN WATER [TIME: 5

HOURS]

§ MODULE 3: FACTORS INFLUENCING OCEAN CURRENTS & THE CURRENTS OF

PACIFIC OCEAN, ATLANTIC OCEAN AND INDIAN OCEAN [TIME: 8 HOURS]

§MODULE 4: BOTTOM TOPOGRAPHY: PACIFIC OCEAN, ATLANTIC OCEAN AND

INDIAN OCEAN [TIME: 7 HOURS]

§MODULE 5: CONCEPT ABOUT CORAL REEFS AND ITS ORIGIN [TIME: 5 HOURS]

COURSE OUTCOME

AFTER COMPLETING THE COURSE, THE STUDENTS WILL BE ABLE TO-

- ϕ GET THE IDEA ABOUT THE SIGNIFICANCE AND RELEVANCE OF OCEANOGRAPHY
- ϕ DEVELOP THE KNOWLEDGE ABOUT TEMPERATURE, DENSITY AND SALINITY OF OCEAN WATER
- ϕ REALISE THE DETERMINING FACTORS OF OCEAN CURRENTS
- ϕ CONSTRUCT THE IDEA OF OCEAN CURRENTS OF THE PACIFIC OCEAN, THE ATLANTIC OCEAN AND THE INDIAN OCEAN
- ϕ ASSESS THE BOTTOM TOPOGRAPHY OF PACIFIC OCEAN, ATLANTIC OCEAN AND INDIAN OCEAN
- ϕ BUILD THE IDEA ABOUT CORAL REEFS

Course Coordinator

Protyus Kumar Ghosh

HOD, Department of Geography

Hazi A. K. Khan College

Course Duration: 30 Hours

From 1st week of April 2023

to last week of May 2023

Faculty: Internal (Department of Geography)



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