

DEPARTMENT OF GEOGRAPHY

HAZIA. K. KHAN COLLEGE
HARIHARPARA, MURSHIDABAD

INTRODUCES

AN ADD-ON COURSE ON MATHEMATICAL GEOGRAPHY



About the Add-on Course

"Mathematical Geography" is an interdisciplinary course that combines principles from Mathematics and Geography to study and analyze various geographical phenomena using mathematical tools and techniques. This course typically covers a range of topics such as the Concept of Mathematical Geography, form and shape of the earth, Earth's rotation and revolution. It provides students with a comprehensive understanding of latitude and longitude of the earth, time and calendar along with their practical applications in various fields. The course is valuable for those interested in Mathematics, Geography and related disciplines.

Assessment process:

Students will be graded on Course- end
Assessment and Attendance

COURSE CONTENT

MODULE 1: INTRODUCTION AND EVOLUTION OF MATHEMATICAL GEOGRAPHY AND ITS IMPLICATIONS IN OTHER BRANCHES OF GEOGRAPHY. [TIME: 3 HOURS]
MODULE 2: ANALYSIS ABOUT THE FORM AND SHAPE OF THE EARTH [TIME: 5 HOURS]
MODULE 3: EARTH'S ROTATION AND REVOLUTION AND IMPACTS OF ROTATION AND REVOLUTION [TIME: 5 HOURS]
MODULE 4: DETAILS OF LATITUDE AND LONGITUDE OF THE EARTH. [TIME: 9 HOURS]
MODULE 5: CONCEPT OF TIME AND CALENDAR [TIME: 5 HOURS]
SCREENING OF RELEVANT VIDEOS AND ITS ANALYSIS (YOU TUBE) = 3 HOURS (ACCORDING TO COURSE REQUIREMENTS)

This Course is Open to all
Geography Honours
Students

Course Fee: NIL

COURSE OUTCOME

- AFTER COMPLETING THE COURSE, THE STUDENTS WILL BE ABLE TO-
- Ø ASSESS THE SIGNIFICANCE OF MATHEMATICAL GEOGRAPHY
 - Ø DEVELOP THE KNOWLEDGE ABOUT THE FORM OF THE EARTH
 - Ø BUILD KNOWLEDGE ABOUT ROTATION AND REVOLUTION OF THE EARTH
 - Ø IDEA OF TIME AND CALENDAR

Course Coordinator

Bubai Ghosh

Teacher, Department of Geography
Hazi A. K. Khan College

Faculty: Internal (Department of Geography)

Course Duration: 30 Hours

From 1st week of April 2022
to last week of May 2022



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