

## About the Department of Geography

The Department of Geography started its journey since 2012 with PG course. Since 2014 Department has introduced M.Phil. and Ph.D courses successfully. More than 25 M.Phil and Ph.D scholars have already received their degrees. Along with theoretical knowledge dissemination, this department provide careful emphasis on building expertise on the remote sensing data handling, applications of geographical information system and data sciences for addressing different geo-environmental and socio-ecological problems.

## About the Workshop

Main objective of this workshop is to cater knowledge support to the faculties and research scholars who are interested on quantitative techniques. It can also extend UG/PG syllabus orientation to the aspirant faculties.

## Who can apply in the course?

Faculty members of the colleges, universities and research scholars can join the workshop. Total 75 participants could be allowed and it will be based on first come first serve basis.

## Process of Registration

The interested participants are asked to register by clicking the following link:

<https://forms.gle/zd8ur7m5mt1p62Wf9>

# One-Day Online Workshop

on

## 'Quantitative Techniques in Geography'



Organized by

Department of Geography  
University of Gour Banga, Malda

Date: 24.04.2022

Time: 10:30 A.M. onwards



## Organizing Committee:

*Chief Patron:* **Dr. Santi Chettri**, Hon'ble Vice-Chancellor, University of Gour Banga, Malda

*Patron:* **Professor Shyamapada Mandal**, Hon'ble Dean of Science, UGB, Malda

*Chairman:* **Dr. Apurba Chakraborty**, Registrar, University of Gour Banga, Malda

## Coordinator:

Professor Pradip Chouhan, Professor & HoD, Department of Geography, University of Gour Banga, Malda

Dr. Arijit Das, Associate Professor, Department of Geography, University of Gour Banga, Malda

## Associate Coordinator:

Dr. Kabita Lepcha, Assistant Professor, Deptt. of Geography, University of Gour Banga, Malda

Dr. Sunil Saha, Assistant Professor, Deptt. of Geography, University of Gour Banga, Malda

# Programme Schedule

**Inaugural Session:** 10.30 A. M. to 10.40 A.M.

Sl No	Topic	Speaker Name	Time
<b>Session-1: 10.40 P.M. to 1.30 P.M.</b>			
1	Flood frequency analysis (Time Series)	Dr. Rameswar Mukharjee	10:40-11:30
	Flood year determination based on peak flow data in reference to danger and extreme danger level		
2	Hypothesis testing	Sri Bikash Barman	11:30-12:00
3	Human Development Index	Sri Avijit Roy	12:00-12:30
4	Population Potential	Dr. Nanigopal Kapasia	12:30-1:00
5	Hydrological Drought Analysis: Standardized Precipitation Index (SPI)	Sri Goutam Das	1:00-1:30
<b>Session-2: 2.00 P.M. to 4.55 P.M.</b>			
6	Delineation of Functional region: Gravity Analysis (Reilly's)	Dr. Sanjoy Saha	2:00-4:00
	Hypsometric curve and long profile		
	Morphological Mapping from toposheet		
7	Preparation of check-list for Environmental Impact Assessment of an urban/industrial project	Dr. Jadab Chandra Halder	4:00-4:55

**Vote of Thanks:** 4.55 P. M. to 5.00 P.M.