



গড়গাঁও মহাবিদ্যালয়

GARGAON COLLEGE

NAAC accredited with 'B' Grade

# ICT Skill Development Programme

One day Workshop on GIS and Remote  
Sensing

08/03/2024

Department of Geography

2023-24



## OVERVIEW

**Name of the Programme:** ICT Skills through One day Workshop on GIS and Remote Sensing

**Name of the Department:** Geography

**Day and Date:** 8<sup>th</sup> March, 2024

**Teacher in Charge:** Dr. Dilip Kumar Deka, Mr. Kamal Das, Ms. Susmita Roy Karmakar

**Resource Person:** Dr. Rituraj Neog, Assistant Professor, Department of Geography, Gargaon College

**Number of participants:** 17

**Objective of the program:** To equip participants with practical skills and theoretical knowledge in supervised and unsupervised classification techniques within GIS and Remote Sensing.

### **Brief Report of the Programme:**

The One-day Workshop on GIS and Remote Sensing, held on May 11th, 2024, under the auspices of the Geography Department, proved to be a resounding success in advancing participants' proficiency in *supervised and unsupervised classification techniques* using the *ArcGIS and QGIS Software* Led by Dr. Rituraj Neog, an esteemed Assistant Professor from Department of Geography, the workshop attracted 17 eager participants keen on harnessing practical skills and theoretical insights in geographic information systems (GIS) and remote sensing technologies.

Throughout the workshop, participants engaged in a structured curriculum designed to provide a comprehensive understanding of the principles, methodologies, and applications of supervised and unsupervised classification within the context of GIS and remote sensing. Dr. Neog's expertise, combined with hands-on activities and interactive sessions, facilitated a dynamic learning environment conducive to skill acquisition and knowledge assimilation. Participants emerged equipped with the tools and techniques necessary for effective spatial data analysis, positioning them to navigate diverse applications across environmental science, urban planning, natural resource management, and disaster management spheres.

By empowering participants to leverage GIS and remote sensing technologies for data-driven insights and problem-solving, the workshop exemplified the department's dedication to advancing geographical research and professional practice in an increasingly digitized world, thus setting a precedent for future endeavors aimed at bridging the gap between theory and practical application in geographical studies.



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### **Rationality of the Program:**

The workshop addressed the growing demand for expertise in GIS and remote sensing technologies, essential for modern geographical research and practice. By focusing on supervised and unsupervised classification techniques, the programme equipped participants with practical skills crucial for spatial data analysis across various disciplines. Moreover, fostering ICT proficiency among participants aligns with the department's commitment to advancing knowledge dissemination and enhancing employability in geospatial fields.

*Dr. Dilip Kumar Deke*  
Associate Professor & HOD  
Dept. of Geography  
Gargaon College



**List of Participants:**

Roll no.	Name	Signature
08	Raglin Sultana	Raglin Sultana.
11	Gayatri Chetia	Gayatri Chetia
14	Tommojee Datta	Tommojee Datta.
13	Priyankhi Borah	Priyankhi Borah
10	Alisha Chetki	Alisha Chetki
16	Moyuree Gogoi	Moyuree Gogoi.
206	Ankita Gogoi	Ankitagogoi
3	Babli Rajkumari	Babli Rajkumari
19	Archita Chetia	Archita Chetia
05	Dibakar Borgohain	Dibakar Borgohain.
12	AKASH CHUTIA .	Akash Chetia .
07	Lupashree Gogoi	Lupashree Gogoi
09	Sudakshama Rajkumari	S. Rajkumari
02	Ananya Changmai	Ananyachangmai .
04	Niharika Gogoi	Niharika Gogoi
17	Shaynika Dehingia	Shaynika Dehingia
16	Lina Sultana	Lina Sultana
17	Narmisha Gogoi	Narmisha Gogoi





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## Notice:

Department of Geography, Gargaon College

### Notice

Date: 06.3.2024

The Geography Department is pleased to announce that **A One day Workshop on GIS and Remote Sensing** is to be held on 8<sup>th</sup> March 2024. All the students are informed to actively participate in this program. The meeting is scheduled for 1 pm in the Department of Geography, Gargaon College.

Dr. Dilip Kumar Deke  
Associate Professor & HOD  
Dept. of Geography  
Gargaon College

## Flyer:



**DEPARTMENT OF GEOGRAPHY  
GARGAON COLLEGE**



**ONE-DAY WORKSHOP ON GIS AND REMOTE SENSING**

**SUPERVISED AND UNSUPERVISED CLASSIFICATION USING**

**ARC GIS AND QGIS**

**DATE: 8/03/2024**

**ORGANIZED BY  
GEOGRAPHICAL FORUM  
DEPARTMENT OF GEOGRAPHY  
GARGAON COLLEGE**

**VENUE: DEPARTMENT OF GEOGRAPHY**

**TIME: 10:00 A.M**



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## PHOTOGRAPH



Dr. Dilip Kumar Deka  
Associate Professor & HOD  
Dept. of Geography  
Gargaon College