

# WEEK-LONG WORKSHOP

ON

## APPLICATION OF GEO INFORMATICS IN MODERN GEOSPATIAL RESEARCH USING ARTIFICIAL INTELLIGENCE (BASIC TO ADVANCE)

MAY 13 – 18, 2024



Organized By

**Department of Geography  
(U.G., P.G. & Geoinformatics),  
Cooch Behar College**

*In Collaboration With: IQAC, Cooch Behar College*

**Time : 10.00 a.m to 5.00 p.m**

**Venue : GIS Lab**

**(Room No. 202, Dept. of Geography)**



# About College

Cooch Behar College (B++) is one of the most eminent educational institutions of Cooch Behar. The college offers all the three streams of UG courses -- Arts, Science and Commerce along with Management courses like BBA and BBM .Introduction of PG courses in English and Geography has added a new dimension to this already coveted abode of learning. The college also offers diploma in Geoinformatics and is a centre for non-formal Sanskrit education too. Over a period of more than 50 years , Cooch Behar College has received many laurels of excellence from highly reputed academic and professional bodies .

## SCOPE OF THE WORKSHOP

- The increased integration of GIS technology across various industries has broadened the spectrum of job opportunities in GIS and Remote Sensing.
- The field of GIS offers a diverse array of job opportunities and career paths, both domestically in India and internationally. As a result, candidates from various professional and educational backgrounds find ample opportunities for employment.

## Eligibility :

**UG,PG Students, Research Scholars &  
Working Professionals**

## Registration Fees:

**Students – Rs.1400/-**

**Research Scholar-Rs.2000/-**

**Faculty & Others -Rs.2500/-**

## Registration Link :

<https://forms.gle/7QgZ71GBxeG9idsQA>

## MODE OF PAYMENT

**ACCOUNT NAME : GRANT DONATION AND  
MISCELLANEOUS RECEIPTS**

**A/c No: 50266786735**

**IFSC: IDIB000C641**

**BANK NAME: INDIAN BANK**

**BRANCH : B.S. ROAD, COOCH BEHAR.**

**Seat Capacity : 50**

**\*Selection of participants will solely on  
'First Come First till availability of seat  
Confirmation Mail : 4th May, 2024**

## Resource Persons



**Mr. Ayan Ghosh ,  
IT Personnel (GIS Engineer),  
Special Investigation Division,  
PH & Engineering Dept.,  
Govt. of West Bengal**



**Ms. Poulomi Karmakar  
AI Engineer (GIS)  
Geo Map Solution**



**Dr. Shraban Sarkar  
Assistant Professor  
Department of Geography  
Cooch Behar Panchanan Barma  
University**



**Dr. Bappa Sarkar  
Assistant Professor  
Department of Geography  
Dinhata College**



**Dr. Bhupen Barman  
Assistant Professor  
Department of Geography  
Tufanganj College**



**Dr. Tapan Kumar Das**  
Assistant Professor  
UGC NSQF, Nodal Officer  
Department of Geography  
Cooch Behar College



**Mr. Dipankar Saha**  
Faculty,  
Geoinformatics  
Cooch Behar College



**Mr. Abhijit Sen**  
Faculty,  
Geoinformatics  
Cooch Behar College

## Technical Schedule

- Day 1: Introduction to World of geo informatics & Getting Familiar With QGIS Software**
- Day 2: QGIS & Its Application**
- Day 3: Advance Geoinformatics & Its Application in The Field of Modern Geographic Research**
- Day 4: Application of Geoinformatics in Research Along With 3D Modelling & Hydrological Analysis and GNNS System**
- Day 5: Implementation of Artificial Intelligence & Machine Learning in Geospatial Mapping**
- Day 6: Advance AI Based Mapping Using Java Script Code**

## Organizing Committee

### Patron

**Dr. Pankaj Kumar Debnath**  
Principal, Cooch Behar College

### Convener

**Mr. Keshab Mondal,**  
Assistant Professor, Department of Geography

### Joint Convener

**Dr. Tapan Kumar Das**  
Assistant Professor, Department of Geography

### Organizing Secretary

**Mrs. Sonel Som**  
Assistant Professor, Department of Geography

### Joint Organizing Secretary

**Mr. Saumyajit Ghosh, SACT, Department of Geography**  
**Dr Debashis Talukdar, SACT, Department of Geography**  
**Mr. Prasayna Sarkar, SACT, Department of Geography**

### Treasurer

**Mrs. Debolina Pandit,**  
SACT, Department of Geography

### Joint Treasurer

**Dr. Anup Sen, SACT, Department of Geography**  
**Samrat Podder, SACT, Department of Geography**  
**Dipankar Saha, Faculty of Geoinformatics**

### Organising Members

**Balai Das, SACT, Department of Geography**  
**Priksha BisWas, SACT, Department of Geography**  
**Abhijit Sen, Faculty of Geoinformatics**

\*Accommodation of the participants will be arranged by their own cost before prior contact  
(For Accommodation call-  
**+917864099310/ +918622859084**)

&

Participation are requested to carry own laptop

**For more info...**



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**Website:**

**https://coochbeharcollege.ac.in/**