

REPORT ON THE TWO DAYS' WORKSHOP ON "ADVANCED MAPPING TECHNIQUES USING DRONE, OPEN SOURCE SOFTWARE AND MOBILE BASED APPS" ORGANISED BY DEPARTMENT OF GEOGRAPHY, EAST CALCUTTA GIRLS' COLLEGE, LAKE TOWN IN COLLABORATION WITH NATIONAL ATLAS AND THEMATIC MAPPING ORGANISATION & INCA, KOLKATA CHAPTER

The Department of Geography organized a two days' Workshop on "Advanced Mapping Techniques Using Drone, Open Source Software And Mobile Based Apps" for Post graduate Students, research scholars and Teachers during 16-17 April, 2019 at East Calcutta Girls' College, Lake Town. The workshop was specifically meant for the local/regional students as well as college teachers, with a view to make the students gain in-depth knowledge in advanced mapping techniques.

Details of Participants

Immediately after the workshop was announced, there was a good response from the students and teachers from different academic institutions. Research Scholar, faculties, teachers and students from the following colleges attended the workshop.

1. Asutosh College, Kolkata
2. Vivekananda College, Thakurpukur
3. Barisha Vivekananda College, Behala
4. Jadavpur University
5. Department of Science and Technology
6. National Atlas And Thematic Mapping Organisation
7. Barasat Government College
8. West Bengal State University

Inaugural Session

The workshop was formally inaugurated by Dr. Tapati Baneerjee, Director NATMO & Chairman INCA Kolkata Chapter. Dr. (Mrs.) Sukla Hazra, Principal East Calcutta Girls College and Secretary INCA Kolkata Chapter, presided over the meeting and welcomed the gathering.

Lecture Sessions

The Lecture Workshop had altogether 3 lectures and 3 practical hands on sessions. Dr. Balen Basu, Managing Director of OPSIS SYSTEM PRIVATE LIMITED. Dr. Debdip Bhattacharjee, Govt. Approved PTT, West Bengal State University and Dr. Jhantu Saradar, contractual, West Bengal State University were the three resource persons of the workshop.

Dr. Balen Basu delivered three lectures and practical applications through UAV Drone: Theoretical, Drone: Flying & post flying data analysis (Using PHOTOMOD SOFTWARE) which the Basic Concepts of aerodynamics, areal measurement and the detailed theory of solutions were presented. The lectures were helpful in inculcating a positive attitude towards Advanced UAV based surveying and monitoring.

Dr. Debdip Bhattacharjee helped the participants to have a deep understanding about Advanced Remote Sensing Techniques, Open Source Software and the application of Mobile Apps in different survey environment.

Dr. Jhantu Saradar guided the participants to build up a proper practical knowledge, hands on training and post data analysis of the Fundamentals of Total Station. All the lecture sessions were informative as well as interactive, as reflected from the feedback received from the participants.

Valedictory Session

A short duration feedback cum thanksgiving session was arranged on the second day of the Lecture Workshop. The students, research scholar, University faculties, employee of Department of Science and Technology and NATMO provided feedback about the Lecture Workshop on behalf of the participants. The Resource persons addressed the participants and motivated them to undertake research in the field of Advanced Cartographic Techniques and Mapping. The formal vote of thanks on behalf of the Department of Geography of East Calcutta Girls' College was proposed by Dr. Panchali Majumdar, Head of the department of Geography and Dr. (Mrs.) Sukla Hazra, Principal East Calcutta Girls College and Secretary INCA Kolkata Chapter.

Conclusion

Two days' workshop on "Advanced Mapping Techniques Using Drone, Open Source Software And Mobile Based Apps" conducted at East Calcutta Girls College was beneficial to all the students and teachers who attended, especially the first year post graduate students. The feedback from the participants reflected that they were equipped with a deep understanding of the topics covered.