



NETAJI SUBHAS OPEN UNIVERSITY

SCHOOL OF SCIENCES

H.Q.: DD-26, Salt Lake, Sector-I, Kolkata - 700 064

City Campus: K-2, Bidhannagar Fire Station, Sector- V, Salt Lake, Kolkata -700 091

Kalyani Campus: First Floor, Academic Building, Kalyani Ghoshpara, Kalyani - 741235

Website: www.wbnsou.ac.in

PROGRAMME REPORT

One Day Workshop

On

'Significance and Application of the Geospatial Technology in Geography Discipline'

Date & Time: 24th May, Wednesday, 10.30 AM to 4.30 PM

Objective of the workshop:

- ✓ To portrayed about the diverse perspectives of geospatial technology in geography discipline.
- ✓ To aware the Post Graduate Geography learners about significance of Gespatial technology for PGGR learners from academic perspective.
- ✓ To ascertain the application of geospatial technology in geographical research studies along with the details of methodological discussion.
- ✓ To discuss about resuming the face-to-face hands on application of RS-GIS softwares (like Mapinfo, Arc GIS, Edras Imagine) and their notable actions with live demo session for all the PGGR learners.
- ✓ To talk about about the existing and upcoming satellites used for diverse purposes in geospatial technology along with the mechanism for the PGGR learners to aware.
- ✓ To converse about the significance of use of the software and related of laboratory classes held in the RS-GIS laboratory of NSOU for the leaners and to encourage them to attend the PCPs, especially the practical sessions.
- ✓ To discuss the mechanism of geospatial techlogy with special reference to remote sensing, GIS, GPS etc.
- ✓ To aware the concerned learners and encourage them for building their carrear in this field in near future.

Participants:

A total of thirty seven Post Graduate Geography learners of different study centres across the West Bengal, several NSOU staffs were participated in the workshop.



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Mode:

The event was organized by Department of Geography, NSOU through **face to face** mode at Kalyani Regional Centre, NSOU.

Representatives:

Invited Speaker:

1. Dr. Deb Prakash Pahari, Senior Scientific Officer, The University of Burdwan

Internal Speaker:

2. Dr. Biraj Kanti Mondal, Assistant Professor of Geography, NSOU
3. Mr. Sanjib Mahata, Research Assistance, Department of Geography, NSOU

Invitee:

4. Dr. Premananda Jana, Regional Director, Kalyani R.C., NSOU

Details of the Programme:

Dr. Biraj Kanti Mondal, Assistant Professor of Geography, NSOU presided over the programme and welcomed all the participants along with the Invited Speaker and Regional Director of Kalyani R.C. The whole programme was eloquently moderated and by the Dr. Biraj Kanti Mondal as the Organizing Secretary.

After facilitation of the dignitaries present on the dias, Dr. Premananda Jana, Regional Director, Kalyani R.C., NSOU was requested to deliver the welcome address. After completion of that, Dr. Deb Prakash Pahari, Senior Scientific Officer, The University of Burdwan delivered the invited speech and he truly pointed out the theme of the one day workshop. The diverse perspectives of geospatial technology in geography discipline was vividly portrayed in his speech. The learners gave a big round of applause and acquired knowledges by fulfilling their queries to the speakers. A formal vote of thanks was presented by Mr. Sanjib Mahata, Research Assistance, Department of Geography, NSOU.

After the break, Dr. Biraj Kanti Mondal, Assistant Professor of Geography, NSOU delivered the presidential speech along the presentation of a current research on **'Assessing the Transformation, Vulnerability and Risks of East Kolkata Wetlands (India) using Fuzzy MCDM Method and Geospatial Technology'**, which portrayed the application of geospatial technology in true sense.



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Photo 1-2: Welcome of the theme of the workshop and Felicitation



Photo 3-4: Felicitation and Addresses during Inaugural session



Photo 5-6: Invited Speech and Presidential address with presentation



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After that, two technical sessions were conducted for the live demo regarding the use of remote sensing software for the hands on practices. The details of which is mentioned below:

Technical Session- I:

Speaker: Dr. Biraj Kanti Mondal, Assistant Professor of Geography, NSOU

- ✓ Introduction, use and demo presentation of Mapinfo software

Interaction with the audience

Technical Session- II:

Speaker: Sanjib Mahata, Project Assistant, Department of Geography, NSOU.

- ✓ Searching of Remotely Sensed data/Satellite image from web source
- ✓ Introduction and demo presentation of ARC GIS software

Interaction with the audience

In the technical session-I, Dr. Mondal presented the demo use of Mapinfo software in front of the learners, which helps them to correlated the application part with the previously heard theoretical aspects. After fulfilling the queries related to the topic, the learners felt extremely happy and they have found new vision for their future academic endeavour and may be therefore they appreciate of organizing such kind of programmes.

Mr. Sanjib Mahata, Research Assistance, Department of Geography, NSOU presented a demo of searching and acquiring remotely sensed data from various websites, and a hands-on demo of the use of remote sensing software, especially Arc GIS in the technical session-II.

Question & Answer Session:

This session was conducted after each and every speech related to the main theme of the workshop, thus three such session was addressed and mostly facilitated by Invited Speaker and Organizing secretary. The mass gathering requested to conduct such kind of more workshop for their benefit and actually it not only helps the learners to fulfill their course curriculum of PG Geography but also encourage for their future in this geospatial fields.



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Photo 7: Closing ceremony and photo session



Photo 8: Photo session before certificate ditribution

Summing up:

Biraj Kanti Mondal, Assistant Professor of Geography, NSOU summing up the programme by mentioning the pledge, which stressed upon the use of RS-GIS software, use of GPS in the field work, attendance in the PCPs related to this practical in the departmental RS-GIS laboratory at Kalyani R.C. Moreover, conduction of field work; attendance by the learners and preparation of laboratory notebook; significance of hands-on training and frequent practices of such technology for academic and research purposes. Additionally, Dr. Mondal banked upon the upcoming plan of the



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Department of Geography explaining the different aspects like, preparation of field report with the use of geospatial technology, hands-on training on RS-GIS software and related future for the learners.



Photo 9-11: Certificate Distribuion to the participants (PGGR Part-I & II students)



Photo 12: Completion of the workshop in front of the academic building, Kalyani R.C.



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Concluding Session:

A special thanks was proposed by the Organizing Secretary of the workshop to the PG Geography learners of different Study Centre, staffs of NSOU for participate and remain present in the event till the end. Further, it was mentioned of conducting such programmes as it unanimously accepted that such frequent orientation is needed for creating awareness among the intended learners for strengthening their academic base. The workshop was completed after the certificate distribution and small photo session. At the completion of the wokshop, the organizing secretary expressed his heartfelt thanks to the invited speaker, university officials and staffs and all the participants.

Report prepared by:

BX Mondal

Dr. Biraj Kanti Mondal

Assistant Professor of Geography

Organizing Secretary of the Workshop

School of Sciences, NSOU

Forwarded by

Bibhas Raha

Officer In-Charge

School of Sciences