

XLVIII
ALL INDIA BOTANICAL CONFERENCE *of*
THE INDIAN BOTANICAL SOCIETY

International Symposium on
Biology and Biotechnology of Plant Diversity for Bioeconomy

North-Eastern Hill University, Shillong
October 29 - October 31, 2025

Pre and Post Conference Events

For more details and registration, visit
ibsnehu2025.org

Organized by
Department of Botany and School of Life Sciences
North-Eastern Hill University, Shillong

PRE AND POST CONFERENCE EVENTS

26th October, 2025

Pre-conference Event Registration Closes

28th October, 2025
09:30 am - 11:00 am

Prof. R. S. Tripathi Commemoration Lecture

The first Prof. R. S. Tripathi Commemoration Lecture Award will be delivered by Padma Shri Dr. Eklabya Sharma ^{FNA FNA^{Sc}}, Former DDG, ICIMOD, Kathmandu. The event will be chaired by Prof. S. Umdor, Pro-Vice Chancellor, NEHU, Shillong. All are welcome to attend.

Venue: Community Hall, NEHU

28th October, 2025
11:00 am - 5:00 pm

Pre-Conference Event

Demo and Hands-on Training on RS & GIS using Google Earth Engine (GEE)

The training will provide participants with hands-on exposure to cloud-based geospatial analysis, satellite data handling, remote sensing indices, change detection, and machine learning-based classification techniques. The sessions will cover both fundamental concepts and practical implementations, enabling participants to explore real-world environmental applications such as vegetation monitoring, water resource mapping, and land cover classification. The program is designed for students, researchers, and professionals eager to enhance their skills in remote sensing, GIS, and data-driven Earth system science using GEE's powerful cloud computing infrastructure.

Register at
<https://forms.cloud.microsoft/r/kT9j9AEueZ>



28th October, 2025
12:30 pm - 1:30 pm

Inauguration

Welcome: Prof. S.K. Barik, NEHU, Shillong and President, IBS

About the Course: Course Director: Dr. Mukund D. Behera, IIT Kharagpur

Presidential Remark: Dr. Shiva Prasad Agarwal, President ISRS and Director, NESAC

Chief Guest: Dr. Subhash Ashutosh ^{IFS}, Former Director, FSI, & Co-Chairman and Director, CoE for NRM & Sustainable Livelihoods, MBDA/MBMA, Govt. of Meghalaya

Vote of Thanks: Dr. Dibyajyoti Chutia, Head, Geoinformatics and IT Division, NESAC

Faculty Members: Scientists from IIT Kharagpur (Dr. Mukund D Behera, Vikramjeet Singh), and NESAC (Dr. K.K. Sharma, Dr. Kasturi Chakraborty, Dr. Dibyajyoti Chutia)

29th-31st October, 2025

XLVIII All India Botanical Conference of the Indian Botanical Society

and International Symposium on Biology
and Biotechnology of Plant Diversity for
Bioeconomy

Register at
<https://register.ibsnehu2025.org>



30th October, 2025

Post-conference Event Registration Closes

1st November, 2025
11:00 am - 5:00 pm

Post-Conference Event

Demo and Hands-On Training on Terrestrial Laser Scanning (TLS) for Forest AGB and Carbon estimation

This session will introduce the fundamentals of LiDAR technology, the working principles of time-of-flight laser ranging, and the advantages of TLS for high-resolution forest structure mapping, biomass estimation, and ecological monitoring. Participants will gain practical exposure to the RIEGL VZ-400i TLS system, including scanner setup and data acquisition. This post-conference training is designed for students, researchers, and professionals who wish to strengthen their understanding of LiDAR technology and acquire practical skills for applying TLS in environmental and forestry studies.

Register at
<https://forms.cloud.microsoft/r/kt9j9AEueZ>



1st November, 2025
5:00 pm - 6:00 pm

Concluding Session with Distribution of Certificates

Welcome and Training Report: Prof. S. K. Barik, Dean, School of Life Sciences, NEHU

Presidential Remark: Dr. K. K. Sharma, Group Head, Remote Sensing Applications Group, NESAC

Address by the Chief Guest:

Prof. P. S. Roy ^{FNASc FNAAS}, Former Director, Indian Institute of Remote Sensing, Dept. of Space, Govt. of India, Dehradun

Distribution of Certificates: Chief Guest

Vote of Thanks: Dr. Kasturi Chakraborty, Head, Forestry & Ecology Division, NESAC

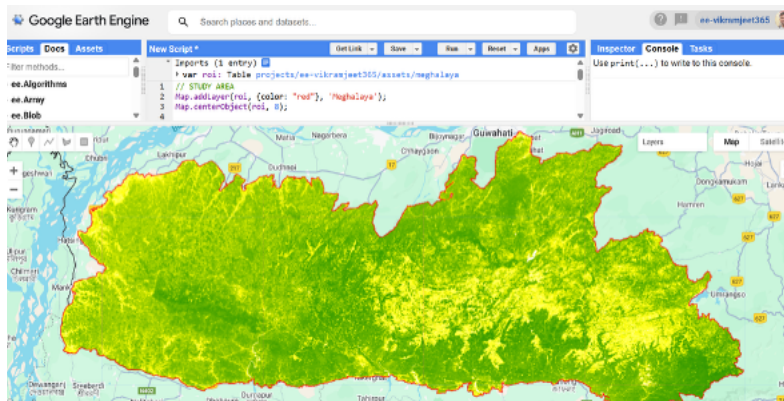
INSTRUCTIONS TO PARTICIPANTS

- Participants interested to join these two-days events (Demo and Hands-on Training on RS & GIS using Google Earth Engine (GEE), and Terrestrial Laser Scanning (TLS) for Forest AGB and Carbon estimation) need to register through <https://forms.cloud.microsoft/r/kT9j9AEueZ> or the QR code below. This registration is additional and in addition to the Conference / Symposium registration.
- Registration fees: **Rs. 500** for one day and **Rs. 1000** for both the days. This will cover study materials and working lunch.
- Participants need to bring their own laptop.
- At the end of the event, training completion certificates will be presented to all the registered participating candidates.

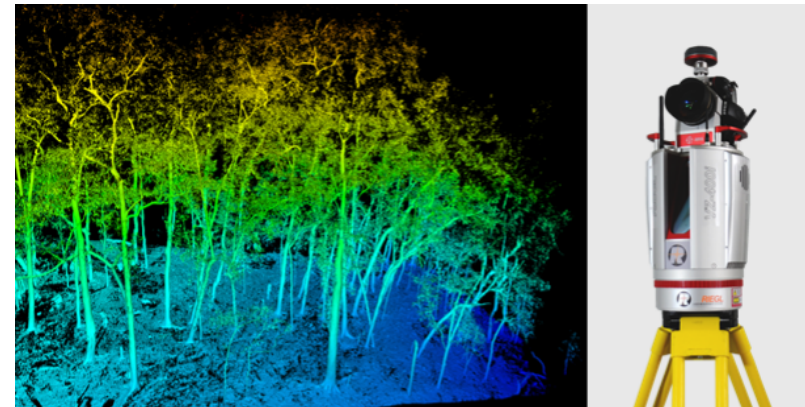


Registration Link

<https://forms.cloud.microsoft/r/kT9j9AEueZ>



Demo and Hands-on Training on RS & GIS using Google Earth Engine (GEE)



Demo and Hands-On Training on Terrestrial Laser Scanning (TLS) for Forest AGB and Carbon estimation

ORGANIZERS



Indian Institute of Technology, Kharagpur



Meghalaya Basin Development Authority



North-East Space Application Centre, Shillong



Indian Society of Remote Sensing, Shillong Chapter



North-Eastern Hill University, Shillong



KHARAGPUR CHAPTER

Indian Society of Geomatics, Kharagpur Chapter

COURSE DIRECTOR

Dr. Mukund Dev Behera

IIT, Kharagpur

TRAINING FACULTY

Dr. K. K. Sharma

Group Head, Remote Sensing Applications Group (RSAG), NESAC & Deputy Project Director, NER-DRR

Dr. Dibyajyoti Chutia

Head, Geoinformatics and IT Division, NESAC

Dr. Kasturi Chakraborty

Head, Forestry & Ecology Division, NESAC

Vikramjeet Singh

CORAL, IIT Kharagpur

ADVISERS

Dr. Subhash Ashutosh

Former Director, Forest Survey of India, and Co-Chairman and Director, Centre of Excellence for NRM & Sustainable Livelihoods, MBDA/MBMA, Govt. of Meghalaya

Dr. S. P. Agarwal

Director, NESAC and President, Indian Society of Remote Sensing (ISRS)

Prof. Sunil Dey

Chairman, ISRS, Shillong Chapter and Professor, Department of Geography, NEHU

Prof. Saroj K. Barik

Dean, School of Life Sciences, North-Eastern Hill University



For more details and registration, visit
ibsnehu2025.org