27th Annual Conference of
The Society of Statistics, Computer and Applications (SSCA)

International Conference on
Advances of Interdisciplinary Statistics and Applications in AI & ML

(AISAAM-2025)

February 21-23, 2025

Organized by

Department of Statistics, North-Eastern Hill University, Shillong-793022, Meghalaya

Link for Abstract submission: https://forms.gle/73NZn8T5SzbQj8xu9

Link for registration: https://forms.gle/mdyxH8gsX8RKRmRT7

About the Conference

The 27th Annual Conference of the Society of Statistics, Computer and Applications (SSCA) (https://ssca.org.in), is being organized by the Department of Statistics, North-Eastern Hill University, Shillong – 793022, Meghalaya on "Advances of Interdisciplinary Statistics and Applications in AI & ML (AISAAM-2025)" during February 21-23, 2025. The conference aims to bring statisticians, mathematicians, computer scientists working in diverse fields on a common platform to discuss and deliberate on topics and applications of regional and global issues. The conference is expected to facilitate the influx and exchange of ideas that would spur minds, both young and experienced, to come out with new innovative solutions for critical problems through statistical theory, applications, and computing. This will consist of a series of important talks, *viz.*, Keynote addresses, prestigious Professor M N Das Memorial Lecture, plenary talks, and invited talks by eminent researchers and policy makers as well as young researchers, along with several sessions of contributory papers/poster presentations by the participants. The main highlight of the conference will be the J K Ghosh Memorial Endowment Lecture, the B K Kale Memorial Endowment Lecture, the Bikas K Sinha Endowment Lecture, the V K Gupta Endowment Award Lecture and the Aditya Shastri Memorial Lecture. Participants shortlisted for the Professor M N Das Memorial Young Scientist Award will present their research in a special session at the conference, based on which a panel of experts will decide the winner.

Call for papers

An open call is made to all concerned to contribute their research for presentation during the conference on any of the major themes or areas of Statistics and Computer Applications. The abstract of the talk should be submitted online containing specific objectives of the study, methodology, and key results in MS Word format in not more than 500 words. There shall be both oral and poster presentations. The google form for Abstract submission is https://forms.gle/73NZn8T5SzbQj8xu9

For those facing problem with google form, the abstracts may also be forwarded to **27sscashillong@gmail.com** with a copy to **dipakp1951@gmail.com.**

Major Themes

The various topics identified for the conference in tune with the main theme of the conference are (but are not limited to):

- Artificial Intelligence
- Big Data
- Bioinformatics
- Biostatistics
- Data Analytics
- Data Mining
  - Deep Learning
  - Design of Experiments
  - Digital Agriculture
  - Distribution Theory
  - Econometrics
  - Financial Statistics
- Food and Nutritional Security
- Geo and Spatial Statistics
- Machine Learning
- Meta-Analysis
- Modeling and Simulation
- Multilevel Modeling
  - Neural Networks
  - Official Statistics
  - Population Studies
  - Probability Theory
  - Public health Analysis
- Soft Computing
- Statistical Computing
- Statistical Genetics
- Statistical Inference
- Statistical Modeling
  - Stochastic Process
  - Structural Equation Modeling
  - Survey Sampling
  - Survival Analysis
  - Time Series Analysis

Registration and Fee Details

Delegates desirous of participating and presenting their research in the conference should register and pay the following registration fee latest by January 31, 2025. Registration entitles attendance to all scientific sessions, registration kit, abstracts e-booklet, Coffee/Tea and meals during the Conference days. The delegates can register through https://forms.gle/mdyxH8gsX8RKRmRT7

Indian Delegate	Rs. 6,000
Foreign Delegate	US $150 (to be paid in Indian Rs. 14,000.00)
Indian Students/Research Scholars*	Rs. 3,000
Foreign Students/Research Scholars*	US $80 (to be paid in Indian Rs. 7,000)
Accompanying Person (At most one)	Rs. 3,000

***A certificate from the Head of the Department or mentor is required along with the registration fee to claim the student's/research scholar's registration fee.**

1. Accompanying persons will not be provided the conference kit.
2. Registration fee is non-refundable.
3. Accommodation for participants will be arranged on payment basis.
4. Registration is compulsory for all including invited speakers.

Online Payment of Fee

ACCOUNT NAME	:	HEAD, DEPARTMENT OF STATISTICS
ACCOUNT NUMBER	:	36274506948
BANK NAME	:	STATE BANK OF INDIA, NEHU BRANCH
TYPE OF ACCOUNT	:	CURRENT
IFSC CODE	:	SBIN0004295
MICR CODE OF BANK	:	793002011

*****The receipt/screenshot of money transferred for registration to be mailed to 27sscashillong@gmail.com*

The Host Institute: North-Eastern Hill University, Shillong (https://www.nehu.ac.in)

The North-Eastern Hill University (NEHU), a Central University, was established by an Act of Parliament (Act 24 of 1973), at Shillong, the capital city of Meghalaya. The prime objective was to set up a teaching and affiliating Institution for the hill areas of the North-Eastern Region (NER) in order to develop the intellectual, academic, and cultural background of the people of this region. The permanent campus of the university located at Umshing-Mawkynroh, Mawlai, Shillong, in the East Khasi Hills District is geographically surrounded by hilltops and pine trees, spread over twelve hundred acres of land area approximately. The university has established an outlying campus at Tura (South Garo Hills District), and a campus at Wahiajer, Jowai (Jaintia Hills District) called Deen Dayal Upadhyaya Community College. The university comprises eight schools consisting of forty seven academic departments and a centre of Distance Education. At present there are more than eighty undergraduate colleges affiliated to the University. The University Central Library has a collection of close to 2,00,000 books, 38,000 bound periodicals and it subscribes to 316 foreign and 366 Indian current journals. Our students are well placed and excel in various pursuits of life. Several teachers and students have been awarded with scholarships and fellowships by both national and foreign organizations. The percentage of our students qualifying the NET, GATE and other national tests is quite high. The number of students turning for their Master's degrees and research students working for their M.Phil. and Ph.D. degrees is close to 1,700. The undergraduate colleges affiliated to the University enroll about 60,000 students. The faculty strength of the university is a little over 300. In a short span of about 50 years, NEHU has matured into an institution with a serious academic, social and cultural agenda and a clear vision for its future growth.

Department of Statistics, NEHU, Shillong

Established in the year 2005 the Department of Statistics has been a part of the School of Physical Sciences and located at the Permanent Campus of North-Eastern Hill University, Shillong. The main goal of the Department has been to impart quality education and training and to promote theoretical, computational and applied knowledge in the field of Statistical Sciences. The Department has been able to develop its Computational laboratories with the financial assistance from University Grant Commission (UGC) and the Department of Science and Technology (DST), Govt. of India to instill computing skills among the students from North-Eastern region of India.

About the Society of Statistics, Computer and Applications (SSCA)

The SSCA aspires to create awareness among statistical fraternity of innovative application of statistical sciences to other area like agriculture, informatics, financial, medical, bio-sciences, management, industrial, among others. The SSCA constitutes a unique think tank and an important forum for harnessing statistical sciences for enhancing the quality of research of researchers, who have keen interest in the dissemination and fusion of statistical sciences with other sciences. The society has since emerged as a vibrant national statistical sciences organization devoted to promoting and popularizing statistical research, education, and knowledge pool towards a human activity with a human purpose that must evolve within a social or human system, promote human welfare, and improve quality of life and well-being by advancing the discovery and effective use of knowledge from data. The mission of SSCA is to provide a platform for promotion and dissemination of research in Statistics, blended with information technology, among both theoretical and applied statisticians dedicated to advancing technology for the benefit of humanity. The SSCA brings out a journal (https://ssca.org.in/journal.html), called "Statistics and Applications" biannually. The journal aims at providing a platform to researchers in Statistics, Computer Sciences, Bioinformatics, and allied sciences from all around the globe to publish their research after a stringent review process. The journal encourages basic research for the advancement of statistical sciences, especially in the emerging areas and facilitates innovative applications of statistical sciences in various other sciences like agricultural, social, medical, biological, industrial, financial, including health, hunger, and hygiene.

Important Dates

Last date for submission of abstracts/extended abstracts for special invited/ contributory sessions	31 December 2024
Last Date for submission of the full-length paper for Prof. M.N. Das Memorial Young Scientist Award	30 November 2024
Last Date for paying the registration fee for the Conference	31 January 2025
Executive Council Meeting (online)	15 February 2025
Pre-conference Workshop (online)	17 February 2025

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Contact Details

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How to reach NEHU

1. Train Route: The nearest railway station is Guwahati Railway Station/Kamakhya Railway station. From Guwahati station, taxis are available on reserved/sharing basis (about Rs. 500 per head or Rs. 2,500 for full cab) till Shillong, which is about 100 kms.
2. Air Route: Lokpriya Gopinath Bordoloi International Airport, Guwahati is 116 kms from NEHU campus (about Rs. 1,000 per head or Rs. 4,000 for full cab).

Guest houses, Hotels and Tourist Spots

- NEHU Guest House Guwahati, Near LGBI Airport, Guwahati, Assam. (Delegates who will reach Guwahati at late hours can avail this guest house facility for overnight stay by informing us).
- Many good hotels are available near the NEHU campus with price ranging from Rs. 1,200 to Rs. 8,000 per day.
- U Kiang Nongbah Guest House (Old Guest House) and U Tirot Singh Syiem Guest House (New Guest House) NEHU Shillong.
- Prominent tourist spots in Meghalaya (Cherrapunji, Mawlynnong, Ranikor, Laitlum, Mawsmai Cave, etc.).