

**Three Day International Conference on 'Advances of Interdisciplinary
Statistics and Applications in AI & ML (AISAAM-2025)**
Sponsored by NEC

1. Title of the Event: Three Day International Conference on 'Advances of Interdisciplinary Statistics and Applications in AI & ML (AISAAM-2025)

2. Date and Venue: 21st -23rd February, 2025, NEHU, Shillong

3. Organizing Agency: Department of Statistics, NEHU, Shillong

4. Details of NEC assistance: -

- Approved Cost: Rs. 2.80 lakh
- Sanction Date: 17th November, 2025

5. Objectives of the Event:

- To promote statistical research and to focus on the recent advances in Artificial Intelligence, Design of Experiments, Modeling and Simulation, Statistical Genetics, Bioinformatics, Survey Sampling, Statistical Computing, etc.
- To provide an ideal platform for young researchers to interact with senior scientists, exchange their views and ideas, and initiate possible scientific collaboration in different domains.
- To promote growth and development of statistical sciences in the North-Eastern parts of India.
- To help budding researchers in exposure to the various areas of Statistical Sciences.
- To help students understand the interdisciplinary nature of Statistical sciences.

6. Brief proceedings and major highlights:

- The three-day International Conference was organized from **21–23 February 2025** by the Department of Statistics, NEHU, Shillong, under the aegis of the **27th Annual Conference of the Society of Statistics, Computer & Applications (SSCA)**. The conference was inaugurated by eminent dignitaries and featured

keynote addresses, invited lectures by distinguished experts, technical sessions, oral and poster presentations covering recent advances in interdisciplinary statistics, artificial intelligence and machine learning. The event provided a platform for deliberations on emerging research, innovative methodologies and practical applications of AI and ML across diverse disciplines. It also promoted academic collaboration, exchange of ideas and networking among researchers, professionals and students.

7. Participants

- The conference witnessed the participation of **52 participants**, comprising academicians, researchers, scientists, faculty members, research scholars and students from universities, research institutions and government organizations across the country. The event also featured **two distinguished invited speakers from the USA and Canada**, who delivered expert lectures on emerging areas of Statistics, Artificial Intelligence and Machine Learning, enriching the academic deliberations. The conference brought together experts from statistics, artificial intelligence, machine learning and allied disciplines, providing a common platform for knowledge exchange, collaborative discussions and dissemination of research findings. Participants actively engaged in keynote lectures, invited talks, technical sessions, oral paper presentations and poster presentation.

8. Outcomes/Impact of the Event.

- The conference emphasized the need to strengthen research in **Artificial Intelligence, Statistical Sciences, Cryptography, and interdisciplinary applications**. It highlighted the importance of applying statistical and AI-based approaches to address climate change and model natural phenomena. The event also stressed promoting multidisciplinary research, providing greater exposure and collaboration opportunities for young researchers from North-East India, and encouraging government and professional bodies to organize more such academic platforms in the region

Please visit <https://necouncil.gov.in/events/seminars-and-workshop>



27th Annual Conference
of



The Society of Statistics, Computer & Applications (SSCA)

INTERNATIONAL CONFERENCE

on

Advances of Interdisciplinary Statistics and Applications in AI & ML
February 21 – 23, 2025

Organized by

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



ANRF

NEC





Inaugural song (21.02.2025)



Lighting of Lamp by Prof. NM Panda, VC In-Charge, NEHU, Shillong and Prof. Prithvi Yadav, VC, SPSU, Udaipur





Welcome Speech by Prof. NM Panda, VC In-Charge, NEHU, Shillong on 21.02.2025



Question-Answer session on the first day
