



ORGANIZED BY
DEPARTMENT OF MATHEMATICS
**INTERNATIONAL CONFERENCE ON
RECENT ADVANCES IN ANALYSIS,
OPTIMIZATION, COMPUTING-INNOVATIONS
AND APPLICATIONS**
(ICAOA-2027)

March 15 - 17, 2027 | NEHU, Shillong | 09.00 AM – 05.00 PM



DATE
March 15 – 17, 2027

VENUE
Department of Mathematics, NEHU,
Shillong

TIME
09.00 AM – 05.00 PM
Monday–Wednesday

ABOUT ICAOA-2027

The 1st International Conference on Recent Advances in Analysis, Optimization, and Applications (ICAOA) 2027 is timely and academically significant, as analysis and optimization play a fundamental role in modern mathematics and their applications across science, engineering, economics, computer science, and technology. The conference aims to bring together international researchers, academicians, scientists, young researchers, and students to share recent findings, exchange ideas, explore emerging research areas, and establish research collaborations. Particular emphasis will be placed on providing young researchers with opportunities to interact with experts and learn about current developments.

PROGRAMME

The academic sessions will consist of plenary lectures, invited and contributed talks by eminent mathematicians, with paper presentations by young researchers in various technical sessions.

CONFERENCE THEMES

- Functional Analysis
- Operator Theory and Variational Inequalities
- Fixed Point Theory and Approximation Theory
- Fractional Calculus
- Topology
- Optimization Theory
- Numerical Analysis
- Harmonic and Complex Analysis
- Graph Theory
- Ordinary and Partial Differential Equations
- Wavelet Analysis
- Dynamical Systems
- Differential Geometry
- Algebra
- Engineering Applications

IMPORTANT DATES

Last Date of Abstract Submission — **10th February 2027**
Notification of Abstract Acceptance — **15th February 2027**
Last Date of Registration — **1st March 2027**
Conference Dates — **15th–17th March 2027**

CALL FOR PAPERS

Original and unpublished papers are invited for presentation at the conference. The presented papers may be eligible for publication in the conference proceedings after peer review (Proposal submitted). The selected and peer-reviewed papers may be considered for publication in SCI/Scopus indexed journals (with additional charges, if any).

REGISTRATION FEE

Foreign delegates — **US \$100**
Faculty members — **₹4000**
PG / Research Scholars — **₹2500**
Registration includes a conference kit, abstract, access to all technical sessions, high tea, coffee breaks, lunches and dinners.
TA/DA support is being applied for from NBHM, SERB, CSIR, etc.

ABOUT THE UNIVERSITY

North-Eastern Hill University (NEHU) was established in 1973 with the vision of disseminating and advancing knowledge in the hilly areas of the North-Eastern Region of India. NEHU presently has more than 49 academic departments organized under eight Schools of Studies, with departments located at its Shillong and Tura campuses. The University was entrusted with a special mandate to contribute to the socio-economic development and welfare of the people of the region, with particular emphasis on their intellectual, academic, and cultural advancement. Over the past five decades, NEHU has made significant contributions towards fulfilling this mandate and has rendered invaluable service to the people and communities of the region.

ABOUT THE DEPARTMENT

The Department of Mathematics was established in 1974. Since its inception, the Department has been committed to providing high-quality and rigorous M.Sc. and Ph.D. programmes, with a strong emphasis on Algebra, Analysis, Nonlinear Functional Analysis (Fixed Point Theory), Complex Analysis, Differential Equations, Numerical Analysis, Topology, Geometry, and Number Theory. It also promotes research in Relativity Theory, Cosmology, Algebraic Topology, Mathematical Modelling, and other interdisciplinary fields.

LOCAL ORGANIZING COMMITTEE

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CHAIRMAN

Prof. Ghanashyam Bez (Dean, School of Physical Science)

CONVENER

Prof. Santosh Kumar

JOINT-CONVENER

Dr. D. Vamshee Krishna

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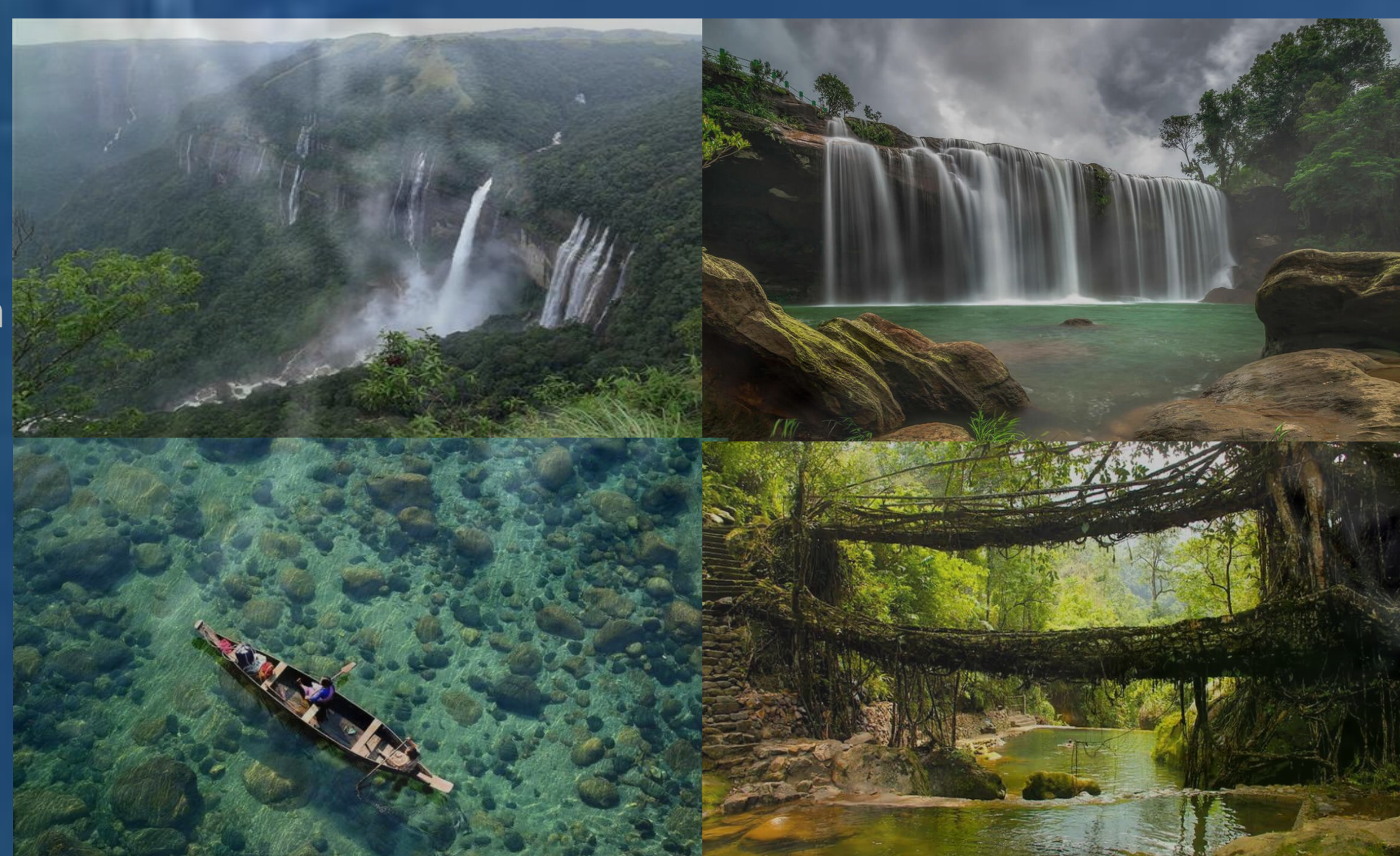
LIST OF SPEAKERS

- Prof. Eberhard Malkowski — Germany/Serbia
- Prof. Wutiphol Sintunavarat — Thailand
- Prof. Ariana Pitea — Romanian
- Prof. A. Razani — Iran
- Prof. Ovidu Bagdasar — UK
- Prof. Liliana Guran — Romanian
- Prof. Vasile Berinde — Romania
- Prof. K. Jha — Nepal
- Prof. Y. Kimura — Japan
- Prof. Supama — Indonesia
- Prof. Hendra Gunawan — Indonesia
- Prof. Ali Farajzadeh — Iran
- Prof. Vasna Velickovic — Serbia
- Prof. Adrian Petrusel — Serbia
- Prof. Juan Martinex Moreno — Spain
- Prof. Ajay Kumar — DU, New Delhi, India
- Prof. Pankaj Jain — SAU, New Delhi, India
- Prof. M. Mursaleen — AMU, Aligarh, India
- Prof. P. P. Murthy — GGV, Bilaspur, India
- Prof. Anita Tomar — SDSUU, India
- Prof. M. Malik — IIT, Mandi, India
- Prof. S. Ponnusamy — IIT, Madras, India
- Prof. V. Vetrivel — IIT, Madras, India
- Prof. K. R. Kazmi — AMU, Aligarh, India
- Prof. D. R. Sahu — BHU, Varanasi, India
- Prof. Yumnam Rohen — MU, Imphal, India
- Prof. B. K. Das — DU, New Delhi, India
- Prof. Binayak S. Choudhury — India
- Prof. B. Hazarika — GU, Guwahati, India
- Prof. P. Veeramani — IIT, Madras, India
- Prof. M. Tanveer — IIT, Indore, India
- Prof. Hemen Dutta — GU, Guwahati, India
- Prof. S. Rajesh — IIT, Tirupati, India
- Prof. M. M. Dixit — NERIST, India
- Dr. Javid Ali — AMU, Aligarh, India
- Dr. Izhar Uddin — JMI, New Delhi, India

CONTACT & CONFERENCE IDENTITY

Prof. Santosh Kumar
Convener, ICAOA-2027
Department of Mathematics
North-Eastern Hill University
Shillong–793022, Meghalaya
Email: events.mathematics@nehu.ac.in
<http://www.nehu.ac.in>

Registration:
<https://forms.gle/NSirPJdupo3D4sTm9>



PAYMENT DETAILS

Acc. Name:
FO NEHU for Seminars/Workshops/Conferences, etc.
Acc. No.: 054101000090003
IFSC: IOBA0000541
Bank Name: INDIAN OVERSEAS BANK