

Our earlier publications dedicated to different conferences

Following is the list of publications dedicated to the different events:

- i. Lecture notes on Matrix and Graph Methods, Manipal University Press (dedicated to CMTGIM 2012)
- ii. Combinatorial Matrix Theory and Generalized Inverses of Matrices, Springer (dedicated to CMTGIM 2012)
- iii. Special Issue dedicated to ICLAA 2014 in the Journal 'Electronics Journal of Linear Algebra', Volume 29(2015) (dedicated to ICLAA 2014)
- iv. The book-volume 'Linear Algebra with Applications – A volume in honor of Prof R. B. Bapat', Manipal University Press (dedicated to ICLAA 2014)
- v. A Special Issue dedicated to ICLAA 2017 in Bulletin of Kerala Mathematical Association, Volume 16, Issue 1
- vi. A Special Issue dedicated to ICLAA 2017 in Special Matrices, Volume 6
- vii. A Special Issue dedicated to ICBAOR 2019 in the journal 'Annals of Operations Research' Volume 315, Issue 2
- viii. 'Applied Linear Algebra, Probability, and Statistics – A book-volume in honour of Rao and Lal' in ISI Series of SPRINGER
- ix. A Special Issue of 'AKCE International Journal of Graphs and Combinatorics' dedicated to ICLAA 2021
- x. Special issue of Indian Journal of Pure and Applied Statistics (IJPAM) dedicated to ICLAA 2023
- xi. Special issue of AKCE International Journal of Graphs and Combinatorics dedicated to ICLAA 2023 (In press)
- xii. A book-volume 'Linear Algebra, Matrix Theory, and their Applications' in the Contemporary Mathematics series of AMS (In press).
- xiii. Special issues dedicated to ICORDS 2025 are in progress in the following four journals.
 - a. Operations Research Forum
 - b. International Game Theory Review
 - c. Journal of Global Optimization
 - d. Optimization



Publications dedicated to ICLAA 2025



Endorsed by



International Linear Algebra Society

Partially supported by



Anusandhan National Research Foundation

ICLAA 2025

The conference ICLAA 2025 (ILAS endorsed), sixth in its series, held during December 17-20, 2025, in MAHE, Manipal, the sixth in its sequel, provided a platform for leading Mathematicians and Statisticians, working around the globe in the theme area to discuss several research issues and to introduce new innovations. The was successful in bringing experts, young researchers, and students together to present recent developments in this dynamic and important field. The conference also stimulated research and supported the interaction among the scientists by creating an environment for the participants to exchange ideas and to initiate collaborations and professional partnerships. The conference was partially funded by ANRF, Govt. of India.

The conference followed a preconference workshop 'International Workshop on Special Matrices, Graphs, and Applications (IWSMGA 2025) during December 11-16, 2025, in which 80 selected delegates actively participated. Sessions in the workshop included lectures, tutorials and discussion on recent research trends in special matrices and graphs by Abraham Berman, Steve Kirkland, Sukanta Pati, S K Neogy, and Simo Puntanen, K C Sivakumar and other leading personalities of the subject.

The theme of the conference focused on, but was not limited to

- Classical Matrix Theory and Linear Algebra
- Nonnegative Matrices and Special Matrices
- Matrices and Graphs
- Combinatorial Matrix Theory
- Matrix Methods in Statistics
- Linear Statistical Inference
- Matrices in Error Analysis and its Applications
- Matrix and Graph Methods in Applied Sciences



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For more details, visit: <https://carams.in/events/publications-of-iclaa-2025/>

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Publications of ICLAA 2025

CARAMS, MAHE is pleased to announce the publication of two special issues and one book volume dedicated to the [ICLAA 2025](#), an international conference held during December 17-20, 2025, in Manipal Academy of Higher Education, Manipal, India.

1. [Linear Algebra, Matrices, and their Applications](#) - A Special Issue dedicated to ICLAA 2025 in [Journal of Algebra and its Applications](#)
2. A Special Issue dedicated to ICLAA 2025 in the journal [AKCE International Journal of Graphs and Combinatorics](#)
3. Special Matrices, Graphs, and Applications – A Book Volume dedicated to ICLAA 2025 to be published in an appropriate series of [Springer Nature](#)

Research presented at the conference will get an opportunity of possible publication in one of the above publications, subject to acceptance after the standard peer review process adopted by the journals. The major criteria for acceptance of the article are quality and originality of its content. Papers by nonparticipants are also welcome for submitting the articles which are in the focus of the conference and the journals.

About the publications dedicated to ICLAA 2025

Linear Algebra, Matrices, and their Applications

A special issue dedicated to ICLAA 2025 in [Journal of Algebra and its Applications](#)
Published by World Scientific

Guest Editors

1. Manjunatha Prasad Karantha, *CARAMS, MAHE, Manipal, India*
2. Stephen J Kirkland, *University of Manitoba, Canada*
3. Sukanta Pati, *Indian Institute of Technology Guwahati, India*
4. Harikrishnan P K, *Manipal Institute of Technology, MAHE, Manipal, India*
5. Simo Puntanen, *Tampere University, Finland*



The editorial team, on behalf of CARAMS, MAHE, invites contributory research articles for special issue dedicated to ICLAA 2025. Articles with in-depth review and open problems may also be submitted.

Submission Guidelines

- Article types – Original, research, reviews, and short communications with a high standard of literature review and open problems and with the subject matter in line with the focus area of ICLAA 2025 and the journal.
- For submission guidelines, visit: <https://www.worldscientific.com/page/jaa/submission-guidelines>.
- Number of pages – Not more than 20 pages (could be more in exceptional cases).
- APC – No APC.
- Plagiarism check standard: Not more than 15% using [turnitin](#) software.
- To download article template, click here: <https://www.worldscientific.com/sda/1037/jaa-2e.zip>.
- How to submit – The authors may submit their articles in the journal portal using the following link: <https://www.editorialmanager.com/jaa/default.aspx> choosing the special issue ‘Linear Algebra, Matrices, and their Applications (ICLAA 2025)’ and guest editor of their choice.

Timelines

Submission of articles: October 31, 2026

Completion of review and decision on acceptance: March 31, 2027

Tentative date of publication (subject to decision of journal): June 2027.

Special Matrices, Graphs, and Applications A Book Volume dedicated to ICLAA 2025 to be published by Springer Nature

Guest Editors

1. Manjunatha Prasad Karantha, *CARAMS, MAHE, Manipal, India*
2. Umashankara Kelathaya, *Manipal Institute of Technology, MAHE, Manipal, India*
3. David Raj Micheal, *Vellore Institute of Technology, Chennai, India*
4. S K Neogy, *Indian Statistical Institute, Delhi Center, India*
5. Simo Puntanen, *Tampere University, Finland*

The editorial team, on behalf of CARAMS, MAHE, invites research/expository articles in detail and in the form of book chapters for the possible publication in book volume which focus on area of Special Matrices, Graphs, and Applications. The area of special matrices may include non-negative matrices and generalizations, Sign pattern matrices, 0-1 matrices, Integer matrices, Matrices associated with graphs, Matrices over rings, Graphs and Matrices, and their application in other branches of mathematics and science. The submissions are to be sent to the guest editors through iclaa2025@gmail.com with a Cc to kmprasad63@gmail.com.

- **Article types** – Original, research, and expository articles with a high standard of literature review and open problems.
- **Number of pages** – Not more than 20 pages (could be more in exceptional cases).
- **Plagiarism check standard** – Not more than 15% using [turnitin](#) software.
- For article template [Click here](#). For more details about the format and style, visit [Submission guidelines](#).
- **How to submit?** – Please send the articles before the deadline to iclaa2025@gmail.com with a Cc to kmprasad63@gmail.com and with the subject line ‘Special Issue – SPRINGER’. For any future query related to the submitted manuscript, use the manuscript ID in the subject line.

Timelines

Submission of articles: October 31, 2026

Completion of review and decision on acceptance: March 31, 2027

Tentative date of publication (subject to decision of SPRINGER): June 2027.

**SPRINGER
NATURE**

A special issue dedicated to ICLAA 2025 in AKCE International Journal of Graphs and Combinatorics

Guest Editors

1. Manjunatha Prasad Karantha, *CARAMS, MAHE, Manipal, India*
2. Umashankara Kelathaya, *Manipal Institute of Technology, MAHE, Manipal, India*
3. Sukanta Pati, *Indian Institute of Technology Guwahati, India*
4. K C Sivakumar, *Indian Institute of Technology Madras, India*
5. S Arumugam, *Ramco Institute of Technology, Tamil Nadu, India*

Discussion is in progress for the publication of a Special Issue dedicated to ICLAA 2025 in the journal AKCE International Journal of Graphs and Combinatorics (Guest Editors: K M Prasad, Umashankara, S Pati, Sivakumar, Arumugam).

For more details, visit: <https://carams.in/events/publications-of-iclaa-2025/>