

CIGAI-2025



CIGAI-2025

International Conference on Mathematical
Modeling in Computational Intelligence
and GenAI (Math-CIGAI) - 2025

17 - 18 July, 2025

Koneru Lakshmaiah Education Foundation,
Hyderabad, India



MARK YOUR CALENDARS



Days

Hours

About

The Conference

- ✓ In recent past, Generative AI is one of the most trending topics and application in every field of Science and Engineering with AI and Machine Intelligence. It is used to develop new products and automate the system by generating the new and improved models and improve decision making systems. Machine Intelligence and Generative AI collaboratively are using in healthcare decision making, drug discovery, personalized care, synthetic data generation,

automations, and many more. Mathematical models like Adversarial Networks and Variational Autoencoders are deployed to produce images, for data augmentation, improving disease diagnosis, and advanced medical imaging research area.

- ❖ Combination of Computational Intelligence and Generative AI techniques can be utilized for generating Electronic Health Records (EHRs) and computed patient data, to support the privacy-preserving data sharing, and encouraging innovative Research for personalized well-being and drug discovery. NLP models also can be used to transformer-based deep learning techniques to present the contextual information in large medical datasets, such as electronic health records (EHRs), information, and can improve the presentation of medical terminologies, domain-specific language, and contextual nuances that are unique to the healthcare field.
- ❖ In this Conference, we will focus on the Math-Model design and generations for improved solutions and decision makings by exploring of Computational Intelligence and Generative AI research areas across the World with the Theme eHealthCare, Data Science and Decision Making Systems.

ABOUT RESEARCH FINDINGS OF AUTHORS

CALL FOR PAPER

- ❖ 1st version of CIGAI aims to bring together leading research scientists, academicians, researchers, and research scholars to exchange and share their experiences and research findings on all aspects of Computational Intelligence and Generative Modeling.
- ❖ This will be a purely research-oriented conference. 8 pages to be submitted by the Author.
- ❖ It also provides a premier interdisciplinary platform for researchers, Practitioners, and educators to present and discuss the most recent innovations, trends, and concerns as well as practical challenges



Special Theme

Data Science: Unseen patterns and Decision

PUBLICATIONS

ABOUT PUBLICATIONS



Conference Proceedings: CIGAI-2025



- ✓ All accepted papers will be published in Conference Proceedings, Scopus Indexed.
- ✓ Proposal is submitted to "Springer Proceedings in Mathematics & Statistics" (<https://www.springer.com/series/10533>), a Scopus-indexed book series for possible publication after the evaluation and screening of all submissions.

Paper Format

"It is only when they go wrong that machines remind you how powerful they are."

-Clive James, Broadcaster and Journalist.

SUBMISSION PROCEDURES

SUBMISSION



Click to Download the Format



Submitters/Authors are requested to Register yourself and then upload your papers by using your login.



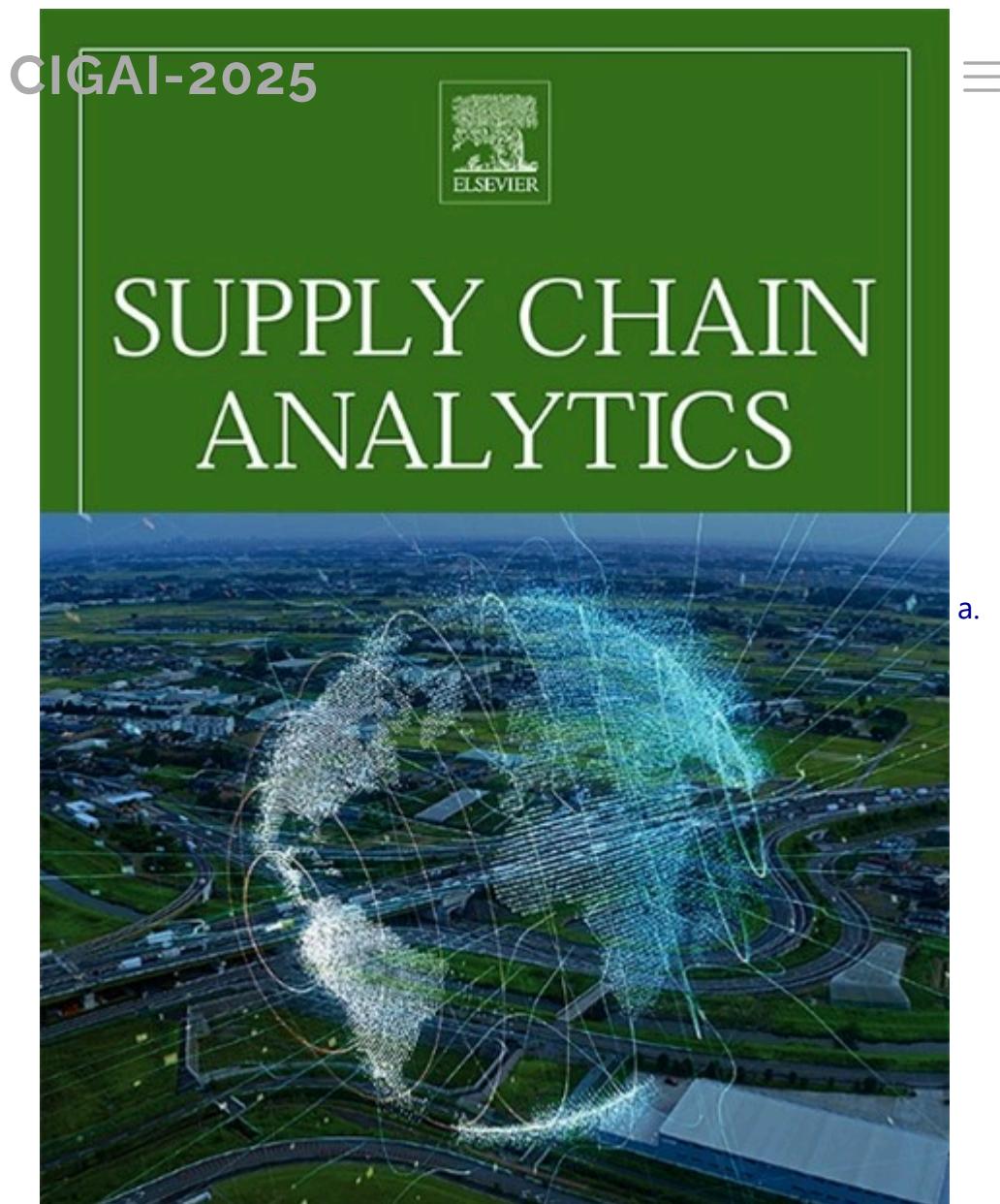
Submitted paper length should be 8 and 10 pages.

- Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere.
- All submissions will be thoroughly peer-reviewed by experts based on originality, significance and clarity.
- Only papers presenting novel research results or successful innovative applications will be considered for publication in the conference proceedings.

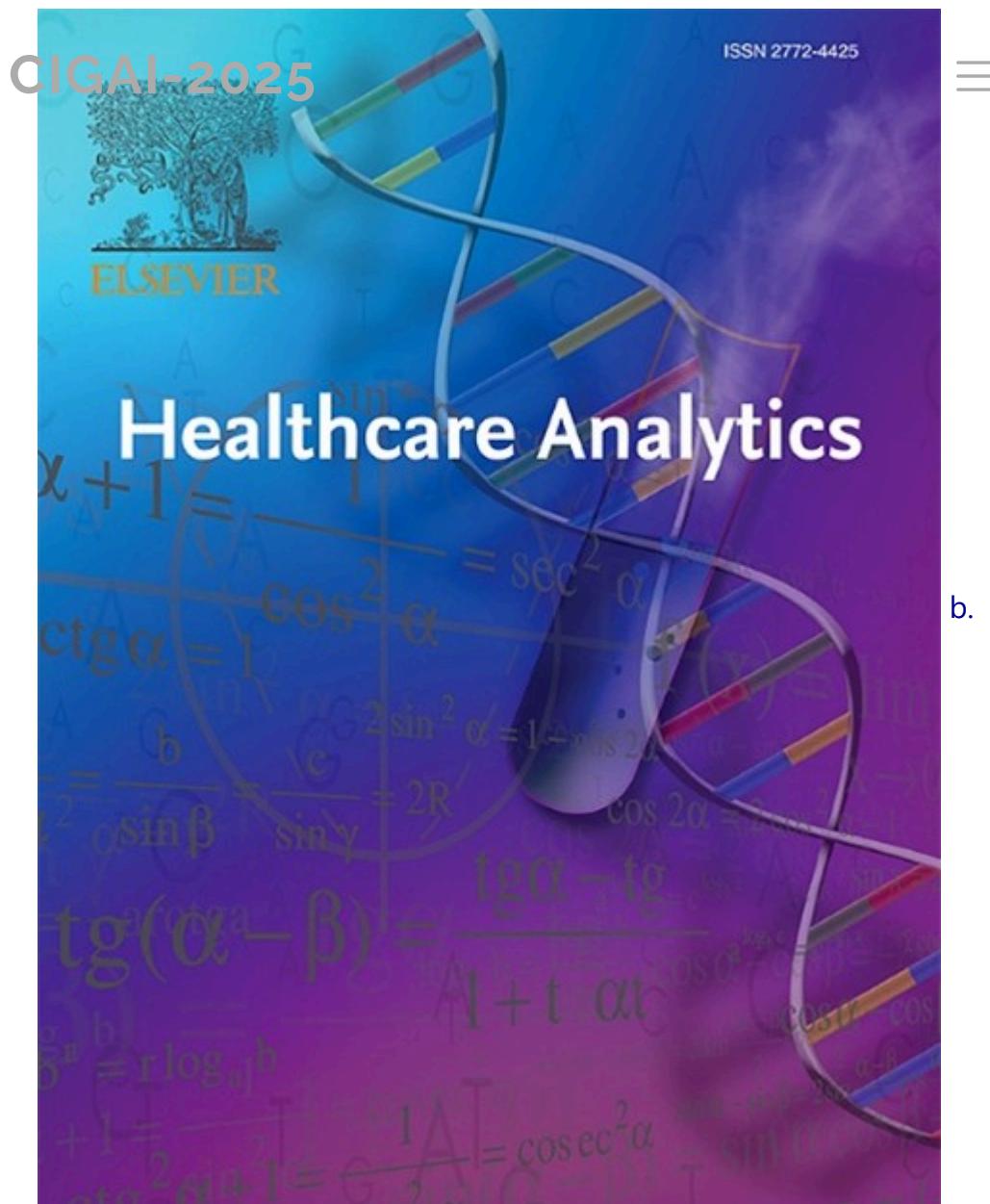
POST CONFERENCE EXTENDED PUBLICATIONS:

EXTENDED PUBLICATIONS

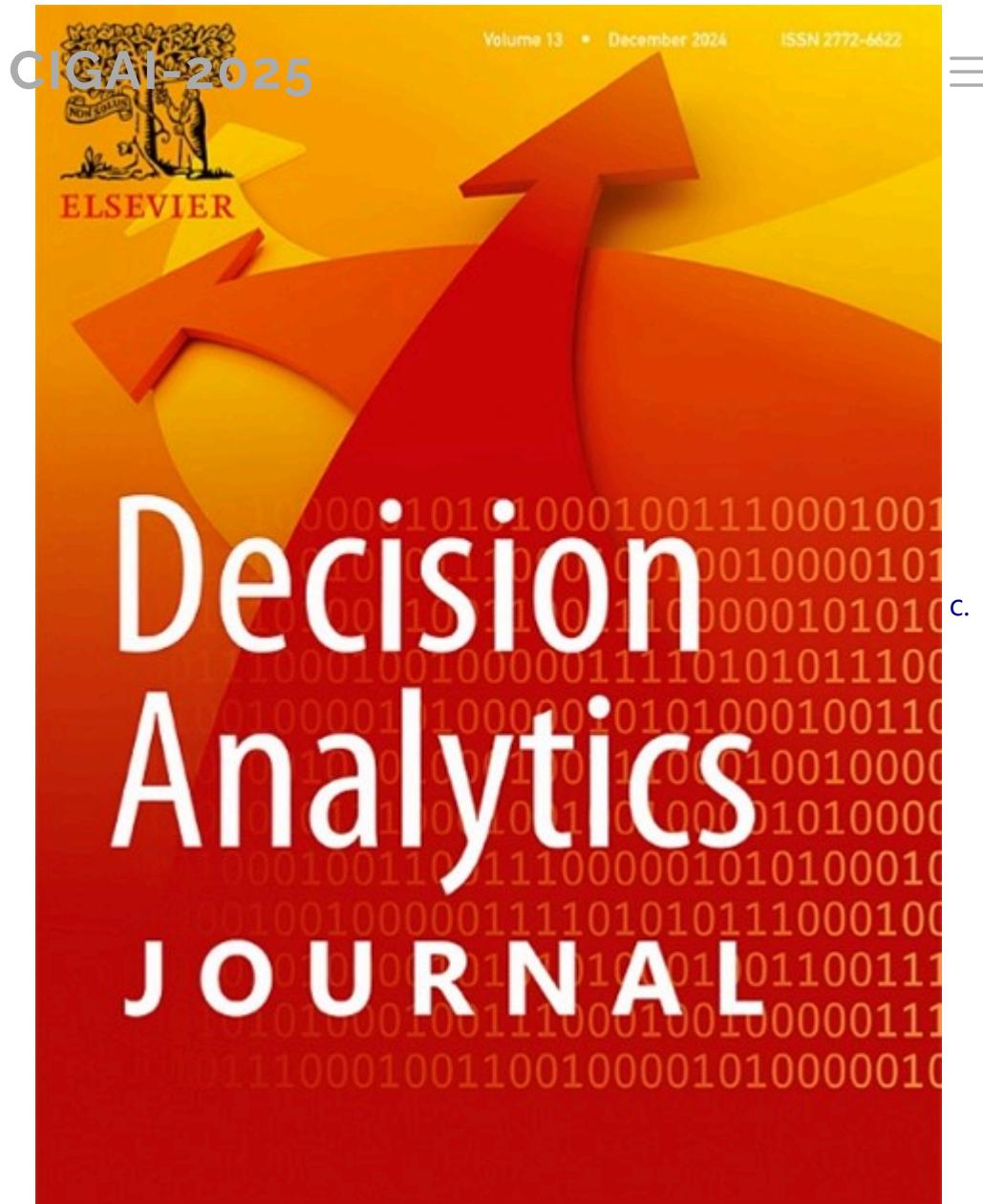
Post Conference selective extended articles will be recommended for possible publications in the following Journals after normal review process by the journal editorial team:



Supply Chain Analytics (Elsevier, Scopus Indexed)



Healthcare Analytics (Elsevier, Scopus Indexed)



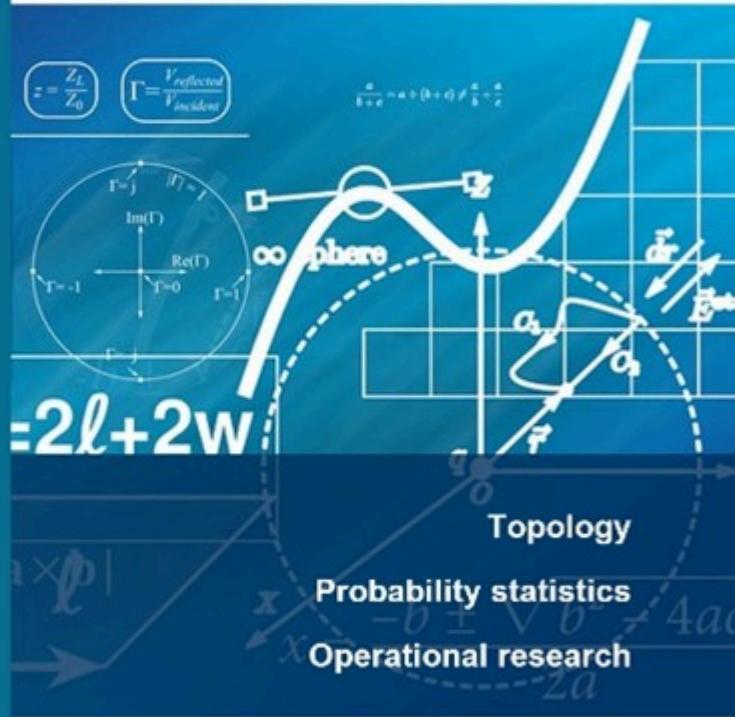
Decision Analytics Journal (Elsevier, Scopus Indexed)



Technical Journal (TG – TJ) (Scopus and WoS)



C | M



Contemporary Mathematics (Scopus and WoS) ISSN: 2705-1064 (Print)
2705-1056 (Online)

TOPICS

Advanced Algorithms in Computational Intelligence	Optimization techniques
Computer Vision	Machine Learning and Deep learning algorithms

CIGAI-2025	Neural Networks
Fuzzy systems	Hybrid models
Network theory	Evolutionary algorithms
Generative models and algorithms	Probabilistic and statistical models
Time-series analysis	Graph theory or graph learning algorithms
Dimensionality reduction and feature extraction	
But are not limited to...	

KEY DATES

Paper Submission Deadline.

26 APRIL, 2025

Acceptance Notification.

30 MAY, 2025

Submission deadline for revised papers.

07 JUNE, 2025

CIGAI-2025

Author Registration Deadline.

10 JUNE, 2025

Full-Day Workshop

16 JULY, 2025

Conference Dates

17 - 18 JULY, 2025

Venue: Hyderabad

SPEAKERS

- **Prof. Dipti Parasd Mukherjee**, Indian Statistical Institute, Kolkata, India
- **Prof. Young-cheol Byun**, Jeju National University, Jeju Island, South Korea
- **Dr. Pelin Angin**, Middle East Technical University, Ankara, Turkey
- **Prof. Sanjoy Kumar Saha**, Jadavpur University, Kolkata, India
- **Dr. Jeroslav Frnka**, University of Zilina, Zilina, Slovak Republic
- **Dr. Joydeep Chandra**, IIT Patna, India
- **Prof. Paul Kwan**, Central Queensland University, Brisbane, Australia
- **Dr. Susmit Sannigrahi**, Tennessee Technological University, USA



REGISTRATION FEE:

Category	Indian (INR)	Foreign (USD)
Academician	₹8000	\$200
Students	₹4000	\$150
(UG, PG, Ph.D. Research Scholars)		
Industry Participants	₹10000	\$250
Only Participation	₹3000	\$100

F.A.Q

FREQUENTLY ASKED QUESTIONS

▼ Do i get any certificate for participating or presenting in the conference?

▼ When will i recieve my certificate?

▼ How do we keep ourselves informed about progress?

▼ What happens if there is a schedule change?



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