



# ICAIN-2024

## International Conference on Artificial Intelligence and Networking



Organized by  
Guru Tegh Bahadur Institute of Technology (GTBIT),  
affiliated to  
Guru Gobind Singh Indraprastha University (GGSIPU), Delhi  
in association with  
Portalegre Polytechnic University & Institute of Technology and Business in České Budějovice, Czech Republic  
&  
Keshav Mahavidyalaya, University of Delhi  
**24th - 25th September 2024**

\*\*\*\*\* **CALL FOR PAPERS** \*\*\*\*\*

### SPECIAL SESSION ON

Intelligent Information Processing Systems, Networks and Security

#### SESSION ORGANIZERS:

Dr. Rajdeep Chakraborty, Dept. of CSE, Medi-Caps University, Indore, Madhya Pradesh, India.

[rajdeep.research@gmail.com](mailto:rajdeep.research@gmail.com)

Dr. Partha Ghosh, Dept. of IT, Netaji Subhash Engineering College, Kolkata, West Bengal, India.

[partha1812@gmail.com](mailto:partha1812@gmail.com)

Dr. Ahmed A. Elngar, Faculty of Computers and Artificial Intelligence, Beni-Suef University,

Beni-Suef City, Egypt. [elngar\\_7@yahoo.co.uk](mailto:elngar_7@yahoo.co.uk)

#### SESSION DESCRIPTION:

Intelligent Information Processing Systems, Networks, and Security focus on integrating artificial intelligence (AI) and database technologies to create advanced information systems. These systems address theoretical aspects, systems architecture, analysis, design tools, and techniques. Topics span data models, intelligent information retrieval, and reasoning under uncertainty<sup>1</sup>. Additionally, AI is crucial to network security, protecting Internet-connected systems from cyber threats, attacks, and unauthorized access.

#### RECOMMENDED TOPICS:

Topics to be discussed in this special session include (but are not limited to) the following:

- New Algorithms and Applications of Machine Learning and Deep Learning Technologies for Information System Generation
- Applications of Intelligent Information Processing
- Design of Explainable AI Approaches for Ubiquitous Networks
- Blockchain Technology for Secure Information Processing
- Intelligent Network Optimization and Routing
- Machine Learning for Network Security
- Intelligent Information Retrieval

#### SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on [session name] **on or before** [30th July 2024]. All submissions must be original and may not be under review by another publication. INTERESTED AUTHORS SHOULD CONSULT THE CONFERENCE'S GUIDELINES FOR MANUSCRIPT SUBMISSIONS at <https://www.icain-conf.com/downloads>. All submitted papers will be reviewed on a double-blind, peer-review basis.

NOTE: While submitting a paper in this special session, please specify **Intelligent Information Processing Systems, Networks and Security** at the top (above paper title) of the first page of your paper.

\*\*\*\*\*