



# 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**

Recent Applications of Artificial Intelligence and Machine Learning

### **SESSION ORGANIZERS:**

1] Dr. Ganesh Khekare

Vellore Institute of Technology, Vellore, India (*Deemed University – NIRF Rank 08*)

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2] Dr. Gopal Sakarkar

Dr. Vishwanath Karad MIT World Peace University, Pune, India.

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### **SESSION DESCRIPTION:**

The special session aims to spotlight the transformative impact of artificial intelligence and machine learning across diverse sectors. By convening leading researchers and industry practitioners, we will delve into cutting-edge applications reshaping industries such as healthcare, finance, agriculture, and transportation. From AI-powered drug discovery to autonomous vehicles, the session will explore the potential of these technologies to address complex global challenges and drive innovation.

### **RECOMMENDED TOPICS:**

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

- AL & ML for healthcare: Medical image analysis, drug discovery, personalized medicine, patient monitoring.
- AL & ML for finance: Fraud detection, algorithmic trading, risk assessment, customer churn prediction.
- AL & ML for agriculture: Precision agriculture, crop yield prediction, disease detection, livestock management.
- AL & ML for smart cities: Traffic management, urban planning, environmental monitoring, public safety.
- AL & ML for natural language processing (NLP): Sentiment analysis, machine translation, text summarization, chatbots.
- AL & ML for computer vision: Image and video recognition, object detection, facial recognition, autonomous vehicles.
- Emerging Trends and Challenges
- AL & ML and the future of work: Job displacement, workforce reskilling.
- AL & ML in edge computing: Real-time applications and challenges.
- AL & ML for Climate change, renewable energy, and resource optimization.

### **SUBMISSION PROCEDURE:**

Researchers and practitioners are invited to submit papers for this special theme session on **[session name] on or before [15th August 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 [Session Name as "Recent Applications of Artificial Intelligence and Machine Learning"] at the top (above paper title) of the first page of your paper.

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