



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

Applications of Artificial
Intelligence and Machine
Learning: Transforming
Industries and Society

SESSION ORGANIZERS:

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1. Dr Rashmi Agrawal, Professor, Manav Rachna International Institute of Research and Studies, Faridabad, drrashmiagrawal78@gmail.com
2. Dr Parul Gandhi, Professor, Manav Rachna International Institute of Research and Studies, Faridabad, parul.sca@mriu.edu.in

EDITORIAL BOARD: (Optional)

[Name, University or Organization, Country, e-mail]

SESSION DESCRIPTION:

This special session will focus on the diverse and impactful applications of Artificial Intelligence (AI) and Machine Learning (ML) across various sectors. AI and ML technologies are revolutionizing how we approach problems, optimize processes, and make decisions. This session aims to showcase cutting-edge research, innovative solutions, and real-world case studies demonstrating AI and ML's transformative potential. Attendees will explore how these technologies are being leveraged to solve complex challenges, improve efficiency, and drive innovation in different fields.

RECOMMENDED TOPICS:

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

- Future trends and predictions in AI and ML applications
- AI-driven diagnostics and personalized treatment plans
- Predictive analytics for disease outbreak and management
- ML in drug discovery and genomics

- Fraud detection and prevention using ML
- Algorithmic trading and investment strategies
- Customer service automation and sentiment analysis
- Predictive maintenance and anomaly detection
- AI in quality control and supply chain optimization
- Robotics and automation in manufacturing processes
- Traffic management and smart logistics
- Personalized recommendations and customer insights
- Inventory management and demand forecasting
- AI in energy consumption forecasting and optimization
- Predictive analytics for equipment maintenance
- Intelligent tutoring systems and personalized learning paths
- Adaptive learning technologies and educational data mining
- AI in risk assessment and management
- Precision agriculture using AI and IoT
- AI in supply chain and food quality management
- AI in game development and virtual characters
- Deepfake detection and digital rights management

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on [**Applications of Artificial Intelligence and Machine Learning: Transforming Industries and Society**] *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 [**Applications of Artificial Intelligence and Machine Learning: Transforming Industries and Society**] at the top (above paper title) of the first page of your paper.

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