



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

AI in Healthcare

SESSION ORGANIZERS:

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SESSION DESCRIPTION:

Conferences on AI in healthcare serve as pivotal forums for discussing the expansive and swiftly evolving role of AI technologies within the medical sphere. These gatherings bring together experts from diverse fields—such as medical practitioners, researchers, ethicists, and technologists—to explore a variety of pressing topics. Key issues include ethical considerations, such as ensuring patient confidentiality and avoiding algorithmic bias, and practical applications like AI-driven diagnostics and robotic-assisted surgeries. These events also delve into the integration of AI in managing healthcare systems, improving predictive analytics for disease management and resource allocation, and enhancing drug development through faster, more accurate identification of therapeutic targets. Moreover, they address the challenges of data management in healthcare, focusing on achieving interoperability and security in electronic health records. Additionally, they discuss the impact of AI on health equity, aiming to broaden access to quality care across different demographics. Through these discussions, healthcare AI conferences highlight current accomplishments and future potential, fostering innovation and collaboration to tackle some of the sector's most complex challenges.

RECOMMENDED TOPICS:

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

- Ethical Considerations and Policy Implications
- AI-Driven Diagnostics and Treatment Recommendations
- Robotics and Automation in Surgery and Care
- Predictive Analytics in Healthcare Management
- Data Management and Integration
- Machine Learning Models in Clinical Trials
- AI for Health Equity and Access
- Future Trends and Innovations in AI for Healthcare

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 paper in this special session, please specify [Session Name] at the top (above paper title) of the first page of your paper.
