



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

Internet of Things (IoT) with Edge Computing on Healthcare, Agriculture, Education,
Intelligent Transportation and Energy Management

SESSION ORGANIZERS:

Dr Biswa Mohan Sahoo, School of Engineering and Technology, Vivekananda Institute of Professional Studies-TC,
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EDITORIAL BOARD: (Optional)

Dr. Hari Mohan Pandey, Bournemouth University, Computer Science (Data Science and AI), United Kingdom

SESSION DESCRIPTION:

The convergence of Internet of Things (IoT) technology with edge networks has catalyzed a paradigm shift across industries, revolutionizing the way we collect, process, and utilize data. From the comfort of smart homes to the intricate operations of industrial factories, IoT devices seamlessly communicate with edge computing infrastructure, enabling real-time insights and actionable intelligence. Whether it's optimizing manufacturing processes, enhancing healthcare delivery, or improving urban infrastructure, the marriage of IoT and edge networks empowers organizations to make data-driven decisions swiftly and efficiently. By decentralizing data processing and analysis to the network edge, latency is minimized, security is bolstered, and scalability becomes more attainable. As IoT ecosystems continue to expand and edge computing capabilities evolve, the potential for innovation across sectors—from agriculture to transportation—remains limitless, promising a future where interconnected devices and intelligent networks drive unprecedented efficiencies and advancements.

RECOMMENDED TOPICS:

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

- IoT in Smart farming/ Precision Agriculture.

- Edge Computing for Intelligent Transportation.
- Edge Computing/IoT/Fog Computing for Smart Healthcare.
- Energy Management in IoT Networks/Edge computing/Fog Computing.

IoT in Education System.

- Energy Management in Edge Network.
- Environmental Monitoring using Edge Computing/ IoT.
- Industrial Internet of Things (IIOT) on Smart Grids.

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on “**Internet of Things (IOT) with Edge Computing on Healthcare, Agriculture, Education, Intelligent Transportation and Energy Management**” *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.

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