



**International Conference on Innovations in Data Analytics
(ICIDA 2024)**

*Organized by
Eminent College of Management and Technology (ECMT)*

*Technically Sponsored by:
Scientific Innovation Research Group (SIRG), Egypt
Scientific Research Group in Egypt (SRGE), Egypt
CI2S lab, Argentina*

Date: 18th – 19th December, 2024 (Hybrid Mode)

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

SPECIAL SESSION

The Power of Three: IoT, Machine Learning, and Blockchain for Advanced Applications

SESSION ORGANIZERS:



Dr G Revathy
Assistant Professor
Department of CSE
Srinivasa Ramanujan Centre
SASTRA Deemed University
Kumbakonam – 612001
7708864377
Revathyg2023@gmail.com

SESSION DESCRIPTION:

The special session titled "The Power of Three: IoT, Machine Learning, and Blockchain for Advanced Applications," delve into the transformative potential of integrating Internet of Things (IoT), Machine Learning (ML), and Blockchain technologies. This convergence represents a frontier in technological innovation, enabling smart, secure, and efficient solutions across various industries. Participants will explore how IoT devices can gather vast amounts of data, which is then processed and analyzed

by ML algorithms to extract valuable insights and predict future trends. Blockchain technology ensures the security, transparency, and integrity of the data exchanged, creating a trustworthy ecosystem. This session will feature expert speakers, case studies, and panel discussions highlighting real-world applications and the synergistic benefits of these technologies in areas such as healthcare, smart cities, supply chain management, and financial services. Attendees will gain a comprehensive understanding of how combining IoT, ML, and Blockchain can drive advanced applications and foster innovation, ultimately transforming industries and enhancing everyday life.

RECOMMENDED TOPICS:

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

1. Smart Healthcare: IoT, ML, and Blockchain
2. Securing IoT with Blockchain
3. Predictive Maintenance with IoT and ML
4. Blockchain for IoT Supply Chains
5. Real-Time IoT Analytics with ML
6. Blockchain Identity for IoT Devices
7. Smart Cities: IoT, ML, and Blockchain
8. IoT and ML for Smart Grids
9. Agriculture: Blockchain and IoT
10. Data Privacy in IoT with Blockchain
11. Autonomous Vehicles: IoT and ML
12. Environmental Monitoring: IoT and ML
13. FinTech: Blockchain and IoT
14. Anomaly Detection in IoT Networks
15. Decentralized IoT Data with Blockchain
16. Disaster Management: IoT, ML, and Blockchain
17. Home Automation: IoT and ML
18. Personalized Retail with IoT and ML
19. Cybersecurity in IoT with Blockchain
20. Ethics in IoT, ML, and Blockchain

PUBLICATION AND SUBMISSION PROCEDURE

The conference aims at carrying out double-blind review process. The papers submitted by the authors will be assessed based on their technical suitability, the scope of work, plagiarism, novelty, clarity, completeness, relevance, significance, and research contribution. The conference proceedings will be published in **Springer LNNS Series (Scopus)**.

Website: <http://icida.ikrf.in>

Submission Link: <https://cmt3.research.microsoft.com/ICIDA2024>

Submission Deadline: **30th September, 2024**

NOTE: While submitting the paper in this special session, please specify [The Power of Three: IoT, Machine Learning, and Blockchain for Advanced Applications] at the top (above paper title) of the first page of your paper.

* * * * *