

  
**ICDMIS 2024**

**International Conference on Data Mining and Information Security  
(ICDMIS 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**  
**SETIT Research Lab. Sfax University –Tunisia**  
**CI2S lab, Argentina**

**Date: 7<sup>th</sup> – 8<sup>th</sup> October, 2024 (Hybrid Mode)**

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

**SPECIAL SESSION**

**Revolutionizing Biomedical Applications: Big Data Analytics in IoT and AI-Driven  
Healthcare**

**SESSION ORGANIZERS:**



**Dr. Suman Mann**

Professor , Galgotias University, Greater  
Noida, UP  
suman.mann@galgotiasuniversity.edu.in



**Dr. Deepshikha Yadav**

Assistant Professor, Maharaja  
Surajmal Institute of Technology  
deepshikha@msit.in



**Dr. Archana Balyan**

Assistant Professor, Maharaja  
Surajmal Institute of  
Technology  
archanabalyan@msit.in

**SESSION DESCRIPTION:**

Fast advancements in communication, software, and hardware have made it easier for Internet-connected sensory devices to proliferate and offer data and observations from the real world. Without a doubt, the Internet of Things is changing the way that people connect with one other and the gadgets that are used to deliver healthcare solutions. Applications of IoT in healthcare benefit doctors, hospitals,

insurance companies, families, and patients. The healthcare industry can now remotely monitor patients, unlocking the potential to keep patients safe and healthy and enabling doctors to provide exceptional treatment. This is made possible by Internet of Things (IoT)-enabled gadgets. As communication between patients and physicians has gotten simpler and more effective, it has also raised patient happiness and engagement. Additionally, telehealth monitoring of patients' condition cuts down on hospital stays and avoids readmissions. IoT also has a big influence on improving treatment outcomes and drastically lowering healthcare expenses.

### RECOMMENDED TOPICS:

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

- Internet of Things
- Smart Medical devices for diagnosis
- AI enabled IoT Systems for Tracking and sending Alert
- Artificial Intelligence and in IoT in Remote Health Monitoring
- Medical Expert Systems and Telemedicine
- Energy Efficient Network Design for IoT Healthcare Applications
- Improved Disease Diagnosis using Artificial Intelligence
- Enhanced Drug Management using AI and Machine Learning
- Security and privacy innovation for IoT applications
- Smart IoT devices for elders and differently abled.
- Monitoring wearable systems.

### 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)**.

Submission Link: <https://cmt3.research.microsoft.com/ICDMIS2024>

Submission Deadline: **30<sup>th</sup> June, 2024**

**NOTE: While submitting the paper in this special session, please specify [Revolutionizing Biomedical Applications: Big Data Analytics in IoT and AI-Driven Healthcare] at the top (above paper title) of the first page of your paper.**

\* \* \* \* \*