

ICDAM-2025
**6th International Conference on Data Analysis and
Management**

Organized by London Metropolitan University, London, UK (Venue Partner)

in association with

WSG University, Bydgoszcz, Poland, Europe

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Portalegre Polytechnic University, Portugal, Europe

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BPIT, GGSIPU, Delhi

Date: 13th - 14th June 2025

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

SPECIAL SESSION ON

Human-Centric IoT and AI: Enhancing Quality of Life

SESSION ORGANIZERS:

1. Dr. Divya Agarwal, Assistant Professor, Vivekananda Institute of Professional Studies-Technical campus, Delhi, India, +91-9968362010 (er.divya7@gmail.com)
2. Dr. Sandhya Tarwani, Assistant Professor, Vivekananda Institute of Professional Studies-Technical campus, Delhi, India, +91-9650295744 (sandhya.tarwani@vips.edu)

EDITORIAL BOARD: (Optional):

NA

SESSION DESCRIPTION:

This session will focus on innovative applications of IoT and AI that prioritize human well-being and inclusivity. The scope encompasses solutions that improve accessibility for differently-abled individuals, enhance healthcare delivery through personalized and remote monitoring systems, and foster safer and more efficient living environments. Topics include the development of wearable devices for health tracking, AI-driven mental health support systems, IoT-based smart home automation for the elderly, and AI-powered assistive technologies. The session will also explore ethical considerations and user-centric design principles to ensure equitable access and adoption of these technologies across diverse communities.

By addressing real-world challenges and emphasizing human needs, this session aims to inspire interdisciplinary research and foster collaborations to create transformative solutions that enhance quality of life globally.

RECOMMENDED TOPICS:

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

- IoT and AI for Healthcare and Well-Being
- Assistive Technologies Using IoT and AI
- Smart Homes and Ambient Assisted Living
- AI for Mental Health and Emotional Well-Being
- Human-Safe IoT and AI in Public Spaces
- Ethics and Privacy in Human-Centric IoT and AI
- AI and IoT for Personalized Education and Skill Development
- Inclusive Design for Human-Centric IoT and AI
- AI and IoT for Environmental and Community Well-Being

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on **Human-Centric IoT and AI: Enhancing Quality of Life on or before 28-02-2025** . 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://icdam-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 **Human-Centric IoT and AI: Enhancing Quality of Life** at the top (above paper title) of the first page of your paper.

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