



ComSIA-2026

International Conference on Computing Systems and Intelligent Applications

**Organized by the School of Open Learning, University of Delhi & Shaheed Rajguru
College of Applied Sciences for Women, University of Delhi
20-21st March 2026.**

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

SPECIAL SESSION ON

Social Sensing and Intelligent Networks for Urban Development

SESSION ORGANIZERS:

**Dr. Lokesh Jain, Associate Professor, Vivekananda Institute of Professional Studies-
Technical Campus (VIPs-TC), Delhi, India, [nsitlokes.jain@gmail.com]**

EDITORIAL BOARD: (Optional)

NA

SESSION DESCRIPTION:

The particular session is devoted to the consideration of social sensing technologies and intelligent network systems, which can be used to help solve the challenges and opportunities in urban construction. With the increasing smartness and connectedness of cities, the data generated by social platforms, mobile applications, and IoT-based sensors has become critical to informed decision-making. This session will discuss how to use social sensing, the process of gathering and processing social and human data to be able to track urban dynamics, including traffic, air pollution, general health of the populous, disaster response, and citizen participation. This, in combination with adaptive learning, automation, and real-time data exchange using intelligent networks, can be highly effective in improving the efficiency, sustainability, and responsiveness of urban systems. This session welcomes submissions that highlight new models, tools, and frameworks for applications like traffic monitoring, environmental sensing, emergency response, community engagement, public health surveillance, etc. The exchange of research and experience will provide the participants with a better understanding of how to design adaptive, inclusive, and sustainable urban eco-systems, as well as reveal the possibilities of interdisciplinary collaboration and practical influence.

RECOMMENDED TOPICS:

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

- Social media analytics for urban planning and crisis management

- Intelligent sensor networks in smart cities
- Human-in-the-loop sensing models and participatory sensing
- Real-time crowd and mobility monitoring
- AI and machine learning for pattern detection in urban data
- Privacy, ethics, and data governance in social sensing
- Case studies in smart transportation, waste management, and public safety
- IoT-enabled smart infrastructure and sensor integration
- Edge and fog computing in urban sensing environments
- Energy-efficient intelligent networks for urban data collection
- Environmental monitoring (air quality, noise, waste) via social and sensor data
- Urban event detection and situational awareness from social data

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on [**Social Sensing and Intelligent Networks for Urban Development**] *on or before* [30 August, 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://comsia.in/paper_submission.html. All submitted papers will be reviewed on a double-blind, peer review basis.

NOTE: While submitting a paper in this special session, please specify [**Social Sensing and Intelligent Networks for Urban Development**] at the top (above the paper title) of the first page of your paper.

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