ComSIA-2026
International Conference on Computing Systems and Intelligent Applications

Organized **by 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
Advances in Multimodal Text Detection, Localization, and Understanding for Intelligent Systems"

SESSION ORGANIZERS:
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EDITORIAL BOARD: (Optional)

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SESSION DESCRIPTION:
This special session focuses on recent advances in multimodal approaches for text detection, localization, and understanding in intelligent systems. With the growth of digital content in images, videos, and documents, accurate recognition of text across complex backgrounds is becoming crucial. By combining vision, language, and other modalities, researchers can design more robust methods that go beyond traditional OCR. The session invites contributions on novel algorithms, deep learning techniques, datasets, and real-world applications, including autonomous systems, healthcare, smart cities, and education. The goal is to explore innovative solutions that bridge visual and linguistic information for enhanced text understanding.

RECOMMENDED TOPICS:

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

- New methods for text detection in images and videos
- Multimodal approaches combining vision and language for text understanding
- Deep learning models for text localization in complex scenes
- Robust text recognition in low-light, noisy, or blurred environments
- Scene text detection for autonomous vehicles and smart city applications
- Multilingual and handwritten text detection and recognition
- Datasets, benchmarks, and evaluation methods for multimodal text understanding
- Applications of multimodal text analysis in healthcare, education, and finance
- Cross-modal learning for linking text, speech, and images
- Real-time text detection and localization for AR/VR and mobile devices

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on **[Advances in Multimodal Text Detection, Localization, and Understanding for Intelligent Systems"] *on or before* 30th September 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 paper in this special session, please specify [**Advances in Multimodal Text Detection, Localization, and Understanding for Intelligent Systems"**] at the top (above paper title) of the first page of your paper.

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