6th International Conference on Image Processing and Capsule Networks

Organised by

ICIPCN - 2026

27-29, January 2026

Kathmandu University
Dhulikhel, Nepal

ICIPCN

IEEE

IEEE Computational Intelligence Society

Scope of the Conference

To advance the frontiers of image processing, 6 th International Conference on Image Processing and Capsule Networks [ICIPCN 2026] is dedicated to providing a comprehensive platform for the exploration of the latest breakthroughs in computational intelligence, with advanced models such as Capsule Networks [CapsNets]. Scheduled as a three-day conference program on 27-29, January 2026 at the Kathmandu University Campus in Dhulikhel, Nepal, this extended conference aims to explore and discuss about the cutting-edge research and applications, unveiling a new era of image processing.

This conference will extensively cover the architecture, functioning, and applications of image processing technologies. Attendees will explore how the advanced image processing concepts enhance the representation and understanding of complex visual data. We invite discussions on innovative image and video recognition facilitated by Capsule and Neural Networks, showcasing superior capabilities and paving the way for advancements in various fields.

About the University

Kathmandu University (KU) is an autonomous, not-for-profit, self-funding public institution established by an Act of Parliament in December 1991. It is an institution of higher learning dedicated to maintaining the standard of academic excellence in various classical and professional disciplines. The mission statement of the University is "to provide quality education for leadership". The vision is "to become a world-class university devoted to bringing knowledge and technology to the service of mankind". The University aspires to serve the nation by fulfilling the needs of the society through the motto of taking knowledge and skills "from the campus to the community."

The University's broadly perceived signature features include autonomous administration, financial self-sustenance, regular maintenance of the academic calendar, sustained trust of the international academic community, optimum contact between faculties and students and student-friendly environment, among others. Similarly, the University's graduates are widely known for attributes such as substantive exposure to the industry and the community, research competence, technological literacy, moderate to high-level communicative competence, teamwork and leadership spirit and global compatibility.

Submission

Submit full articles via,

Email: icipcn.conf@gmail.com

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Call for Papers

Image Processing

- Image Recognition and Analysis
- Image Segmentation and Edge Detection
- Image Texture Analysis
- Medical Imaging Systems
- Image Acquisition, Reconstruction and Synthesis
- Feature Extraction Techniques
- Image Reconstructions and Losses
- Medical Interpretability and Explainable Deep Learning Frameworks
- Image Processing for Multispectral Images
- Image Enhancement and Restoration
- Pattern Recognition and Capsule Networks in Object Tracking
- Face and Gesture Recognition Techniques

Capsule Networks

- Capsules in Image Analysis
- Deep Learning in Image Analysis
- Pattern Recognition and Machine Learning
- Big Data Analytics and Imaging
- Visual Content Analysis
- Capsule Based Biometric Technologies
- Cognitive Vision of Image Processing
- Capsules in Adaptive Image Processing
- Machine Learning in Capsule Neural Networks
- Capsule Implementation in Image Systems
- Capsules and Digital Image Processing Techniques
- Routing Mechanisms in Capsule Networks

Publication

IEEE

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DVD ISBN: 979-8-3315-9980-5

All registered and presented papers will be submitted for inclusion into IEEE Xplore.

Venue

Kathmandu University
Dhulikhel, Nepal

https://icipcn.com