



7TH INTERNATIONAL CONFERENCE ON IMAGE PROCESSING AND CAPSULE NETWORKS

ICIPCN - 2027

21-23, January 2027

Organized by
G.T.N. College of Technology
Dindigul, India



ABOUT THE CONFERENCE

To advance the frontiers of image processing, 7th International Conference on Image Processing and Capsule Networks [ICIPCN 2027] 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 21-23, January 2027, 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 COLLEGE

The G.T.N Group of Institutions has been a pioneer in the field of education since its inception in 1964, beginning with G.T.N Arts College, a Government-Aided and Self-Supporting Institution affiliated with Madurai Kamaraj University. Over the years, the group has expanded its horizons, establishing its presence in diverse fields such as Para-Medical, Agriculture, Nursing, and Bachelor of Naturopathy & Yogic Science Research. G.T.N Arts College offers a wide array of U.G., P.G., M.Phil., and Ph.D. programs across various disciplines, emphasizing holistic development and academic excellence. Building on this legacy of educational leadership, G.T.N. College of Technology (GTNCT) is committed to advancing the frontiers of technology and innovation by providing an exceptional academic environment that nurtures talent and fosters creativity. Founded with the vision of becoming a beacon of excellence in technical education, GTNCT offers a dynamic platform where aspiring engineers and technologists can thrive. With a curriculum designed to meet the demands of a rapidly evolving world, we combine theoretical foundations with practical applications, ensuring our students are equipped with the skills to excel in their fields. GTNCT serves as a vibrant hub for innovation, collaboration, and intellectual growth, attracting students who are passionate about driving change and making a meaningful impact in the global technology landscape.



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

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SUBMISSION

Participants and researchers worldwide are invited to submit their contributions to ICIPCN 2027.

Submit full articles via,
Email: icipcn.conf@gmail.com

PUBLICATION

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

Author Ethics:

<https://conferences.ieeeauthorcenter.ieee.org/author-ethics/ethical-requirements/>

KEYNOTE SPEAKERS

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Category	IEEE CIS Members	IEEE Members	Non-IEEE Member
Indian Author	10700 INR	11200 INR	11700 INR
Indian Listener	8000 INR	8500 INR	9000 INR
Foreign Author	135 USD	155 USD	175 USD

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VENUE

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