



17th Indian Conference on **Computer Vision, Graphics and Image Processing**



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Organized by
Indian Unit for Pattern Recognition and Artificial Intelligence

and

Indian Statistical Institute with TCG CREST

December 22 – 24, 2026 at IIT Kharagpur Research Park, Kolkata

<https://icvgip.in/2026/>

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Director, Indian Statistical Institute (ISI)

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Important Dates:

Conference: December 22–24, 2026

Tutorial: December 21, 2026

Workshop: December 21, 2026

Mailing Address:

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CALL FOR PARTICIPATION

Objective: The Indian Conference on Computer Vision, Graphics and Image Processing (ICVGIP) is the flagship annual conference of the Indian Unit for Pattern Recognition and Artificial Intelligence, and one of India's most prestigious venues for disseminating research in **Computer Vision, Graphics, Image Processing, Pattern Recognition, and AI**. ICVGIP brings together researchers, practitioners, and students from India and abroad to share cutting-edge developments, exchange ideas, and promote collaborations. The 2026 edition will be jointly hosted by **ISI, Kolkata** and **TCG CREST**, featuring technical sessions, invited talks, tutorials, and specialized workshops.

With this goal, it is planned to organize the ICVGIP26 at Kolkata during December 22–24, 2026. Original contributions are solicited for presentation at the ICVGIP26 on the following topics of interest, but are not limited to the following.

Paper Submission Link: <https://openreview.net/group?id=ICVGIP.in/2026/Conference#tab-recent-activity>

Computer Vision

- 2D/3D Scene Understanding
- Object Detection, Tracking and Recognition
- Motion and Video Analytics
- Action and Activity Recognition
- Vision–Language Models, Multimodal Learning
- Self-supervised, Few-shot and Zero-shot Vision
- Adversarial and Explainable Vision Systems
- Human–Computer Interaction and Gesture Recognition

Image Processing

- Image Restoration, Enhancement and Super-Resolution
- Image/Video Compression and Coding
- Medical & Biomedical Image Analysis
- Remote Sensing and Satellite Image Interpretation
- Hyperspectral and Multispectral Image Processing
- Image Segmentation, Morphology and Statistical Approaches
- Visual Cryptography, Steganography and Security

Graphics and Visualization

- 3D Modelling, Reconstruction and Rendering

- Animation, Simulation and Visual Effect
- Virtual Reality, Augmented Reality and Mixed Reality
- View Synthesis and Image-based Rendering
- Computational Photography

Pattern Recognition and Machine Learning

- Deep Learning Architectures for Vision
- Representation Learning
- Vision Transformers and Diffusion Model
- Graph Neural Networks and Geometric ML
- Reinforcement Learning for Vision
- Vision-based Robotics and Autonomous Systems

Emerging Areas

- Agentic AI for Vision and Graphics
- Vision–Language Models (VLMs) and multimodal foundation models
- Trustworthy, Ethical and Robust Vision Systems (bias, fairness, verifiability, adversarial robustness)
- AI for Remote Sensing and Large-Scale Societal Applications
- AI for Accessibility and Assistive Vision Technologies
- Neuromorphic and Event-based Vision Systems
- VLSI and Hardware Acceleration for Vision & Graphics
- Vision for Creative Media, AR/VR/MR and Interactive Intelligence

The Conference Proceedings will be published in ACM International Conference Proceedings Series (ICPS)

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In addition to the main conference, a number of tutorials and workshops on themes and challenges related to Vision, Graphics, Image Processing and related areas will be organized on Dec 21, 2026.