

# CALL FOR PAPERS: CVMI-2025

## 4<sup>th</sup> IEEE International Conference on Computer Vision and Machine Intelligence (CVMI-2025)

October 12-13, 2025

Department of Electronics and Communication Engineering, National Institute of Technology Rourkela, Rourkela, Odisha, India-769008

### ABOUT CONFERENCE

In today's fast-moving world, Artificial Intelligence (AI) and Machine Learning (ML) models and systems are any and everywhere. Computer Vision, Image Processing and Machine Intelligence are witnessing rapid advancements that have helped industry and society. The 4<sup>th</sup> IEEE International Conference on Computer Vision and Machine Intelligence (CVMI-2025) is being organized by the Electronics & Communication Engineering Department at NIT Rourkela from October 12-13, 2025. The world-wide leading research labs, including the Applied AI Research Lab, University of South Dakota, USA and Computer Vision Laboratory, University of Ljubljana, Slovenia, have agreed to support CVMI-2025 as organizing knowledge partners. The 1<sup>st</sup> CVMI in 2022 & 3<sup>rd</sup> CVMI in 2024 were organized by IIT Allahabad while the 2<sup>nd</sup> CVMI 2023 was organized by ABV-IIITM Gwalior. The conference program will include regular paper and poster presentations, and a PhD symposium along with keynote talks by eminent academics and industry experts in the field.

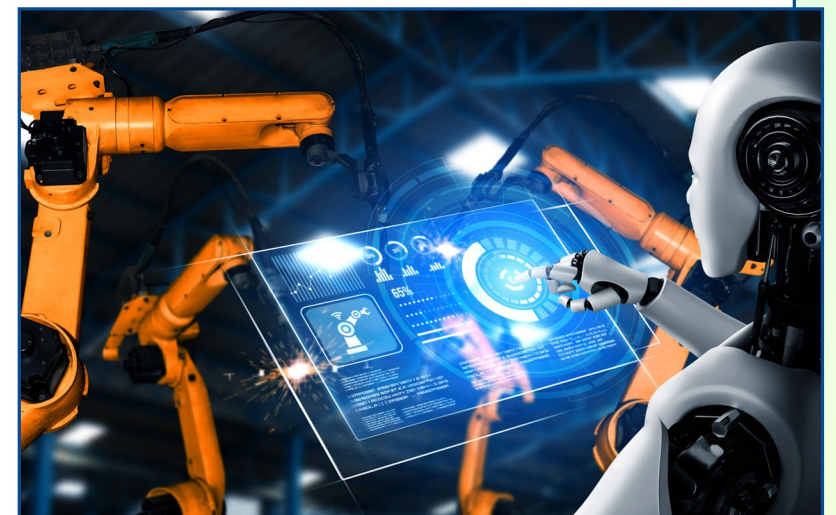
### CVMI-2025 ATTRACTIONS

- ✓ Proceedings will be indexed in IEEE Xplore.
- ✓ Co-Sponsored by IEEE Rourkela Sub-Section, IEEE Kolkata section and IEEE SPS UP Chapter.
- ✓ Best PhD Dissertation Awards.
- ✓ IAPR Best Paper Award and CVMI-2025 Best Paper Awards.
- ✓ Indexed by Scopus, DBLP and Google Scholar.

### TOPICS OF CVMI-2025

- AI in Biometrics, Forensics, Content protection
- Trustworthy, Explainable and Ethical AI
- Machine Learning
- Deep Learning
- Image/Video Security, Blockchain for Image and Video Security
- Audio and Video Deepfakes
- Computational Intelligence
- Optimization Techniques
- Face, Iris, Emotion, Sign Language and Gesture Recognition
- Image/video processing for Autonomous Vehicles
- 3D image/video processing
- Image Enhancement/Super Resolution/Restoration
- Action and Event Detection/Recognition, Motion and Tracking
- Medical Image and Video Analysis
- Image/ Video Retrieval
- Vision based Human GAIT Analysis
- Document and Synthetic Visual Processing
- Remote sensing, Multispectral/Hyperspectral image Processing
- Datasets and Evaluation
- Segmentation and Shape Representation
- Image/Video Scene Understanding
- Human Computer Interaction
- Visual Sensor Hardware
- Document Image Analysis
- Compressed Image/Video Analytics
- Other Computer Vision Applications
- Brain Computer Interaction
- Hand-sensor based Intelligence
- Robotic Intelligence
- Light-weight Intelligent Systems

### TECHNICAL COSPONSORS



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#### INFORMATION CONTACT:

Prof. Manish Okade, *NIT Rourkela*

### IMPORTANT DATES:

Website: <https://cvmi2025.nitrkl.ac.in/>  
Contact email: [cvmi2025@nitrkl.ac.in](mailto:cvmi2025@nitrkl.ac.in)

✓ Paper Submission Opens:	15 March 2025
✓ Submission Deadline:	15 May 2025
✓ Acceptance Notification :	15 July 2025
✓ Early Bird Registration:	31 August 2025
✓ Camera Ready Submission:	15 September 2025



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### Paper Submission:

The paper must not exceed 6 pages in length (including all text, figures, and references). CVMI-2025 will follow double blind review process. It means the identity of authors is not known to reviewers and vice-versa. Hence, Authors are required to remove the name and affiliation of authors from the paper. Authors should not refer to any resources in the submitted paper that can lead to recognition of identity of authors. The manuscript must be submitted to the CVMI-2025 Microsoft Research paper submission portal.

Link: <https://cmt3.research.microsoft.com/CVMIconf2025>



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