CALL FOR PAPERS
(Second Phase Paper Submission Deadline Extended : 20 July, 2025)

2025 IEEE International Conference on Recent Advances in Computing and Systems (ReACS)
Dates: 19-20 December, 2025
Venue: ABV-IIITM Gwalior, India
https://reacs2025.iiitm.ac.in/

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Second Phase Important Dates
Paper Submissions Open: 07 June, 2025
Paper Submission Deadline: 07 July, 2025
Extended Paper Submission Deadline: 20 July 2025
Acceptance Notification: 31 August, 2025
Early Bird Registration Deadline: 15 September, 2025
Camera Ready Submission: 30 September, 2025
Conference Dates: 19-20 December, 2025

Contact
For any queries, kindly reach general chairs or email at reacs2025@iiitm.ac.in

Website:
The official website of ReACS2025 is hosted at:
https://reacs2025.iiitm.ac.in/

About
The 2025 IEEE International Conference on Recent Advances in Computing and Systems (ReACS) is being organized by the Department of CSE, ABV-IIITM, to functionalize it as a platform for the dissemination of recent high-quality research work in the domain of Computing and Systems. This conference covers the wide domain of Computer Science and Engineering and will provide a means to exchange innovative ideas and recent advances among researchers from academia and industry.

Conference Tracks:
ReACS-2025 welcomes high-quality, original, and previously unpublished submissions in various disciplines of computing and systems. Topics of interest for the conference include, but are not limited to, the following:

Track 1: Vision Computing
- Image/video processing
- Image/video synthesis
- Image Enhancement/Super Resolution / Restoration
- Image/ Video Retrieval
- Remote sensing
- Image and Video Matching

Track 2: Cybersecurity and Forensics
- Networks and Systems security
- Security policy, model and architecture
- Formal methods and verification
- Privacy and trust
- Malware forensics
- Privacy preservation of AI

Track 3: AI and Data Science
- Computational Intelligence
- Optimization Techniques
- Explainable and Value AI
- Robotic Intelligence
- Multimedia Intelligent Systems
- Document and Synthetic Visual Processing

Track 4: Communication Networks
- Next-Generation Internet Architectures
- Software-Defined Networking
- Network Function Virtualization
- Protocol Design and Optimization
- Network Interoperability
- Cellular Networks (5G, 6G, and Beyond)

Track 5: Cyber-Physical Systems and IoT
- Smart Cities and Infrastructure
- Industrial IoT (IIoT) and Smart Manufacturing
- Edge Computing and IoT
- Security and Privacy in IoT and CPS
- Sensors and Actuators in IoT
- IoT Data Analytics and Machine Learning
- Healthcare and Medical IoT (Health IoT)
- Energy Management and Smart Grids

Track 6: Robotics and Autonomous Systems
- SLAM, Sensor Fusion
- AI navigation
- Deep/reinforcement learning in robotics
- Swarm coordination
- Automation in manufacturing, Agriculture
- Autonomous Vehicles
- UAVs, Underwater Robots
- Human-Robot interaction and Assistive Robotics

Track 7: Computer and Software Systems
- Computer Architecture
- Distributed Systems
- High-Performance Computing
- Cloud Computing
- Software architecture and design patterns
- Static Code Analysis
- Software testing, verification, and validation

Track 8: Emerging Computing Technologies and Systems
- Social Networks and Complex Networks
- Algorithmic Game Theory
- Blockchain and Decentralized Systems
- Post-Quantum Computing and Cryptography
- Emerging Computing Paradigms
- Ethics, Privacy, and Trust in Emerging Technologies

Submission Guidelines
Prospective authors are invited to submit full-length original research papers. In submitting a manuscript to ReACS-2025, authors acknowledge that no paper substantially similar in content has been or will be submitted to another journal, conference or workshop during the review period. In such a case, the paper will be rejected without review. Papers must be electronically submitted without exception before the deadline expires. The paper must not exceed 6 pages in length (including all text, figures, and references). However, authors can add up to 2 extra pages with the appropriate fee payment per page. The manuscript must be submitted in PDF format only, and the file size of your manuscript should not exceed 10 MB. ReACS-2025 follows a single-blind review process. Authors must use the manuscript template as follows: *Overleaf*, *LaTeX* or *Word*. The manuscript has to be uploaded online at the CMT Microsoft Research paper submission portal using the following link: *https://cmt3.research.microsoft.com/ReACS2025/*