



# First International Conference on Advanced Computing Systems Adcomsys 2024

Organized by: Department of Computer Science and Technology & Computer Science and Information Technology (CST and CSIT)

## 26th and 27th June, 2024

https://adcomsys.uem.edu.in/





1st May 2024

26th & 27th June 2024



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The International Conference on Advanced Computing and Systems (AdComSys) will foster an excellent international forum for exchanging knowledge and the recent developments in theory, methodologies and applications in Artificial Intelligent (AI) systems, Internet of Things (IoT) systems, Cybersecurity and Blockchain systems and emerging computing techniques. The AdcomSys aims to encourage the intense dialogues between academia and industry to bridge the gap between scholarly research, industrial initiatives and governmental policymaking. AdComsys 2024 will attribute to the diverse spectrum of keynote addresses, technical tracks, panel discussions and industry exhibits where academia can view state-of-the-art findings from the trials and interoperability experiments. Furthermore, the industry will benefit from exposure to leading-edge research and an opportunity to interact and fraternize with academic researchers on real-world issues.

The purpose of AdComSys 2024 is to solicit original research and technical papers from researchers, scientists, academicians, industry professionals and students to report their experience, new ideas and research results about advanced computing and systems to discuss the practical challenges encountered and solutions adopted.

AdComSys 2024 will be held at the University of Engineering and Management, Kolkata, on June 26th-27th, 2024.

### DOMAINS OF POTENTIAL EXPLORATION

→ Fog Computing

→ Grid Computing

Al with Robotics

Featured Learning

Robotics Systems

→ Deep Learning

→ Data Mining

Mobile Computing

Cognitive Computing

### **Track 1: Emerging Computing**

Cloud Computing Parallel Computing

Green Computing

Human Centric Computing

Cognitive Intelligence Audio, Speech and Video

Intelligent Systems

Generative Models

Explainable AI

→ Big Data

Active Learning

Geoscience and Remote Sensing

Processing

Track 2: Al Systems

Quantum Cryptography Fuzzy Systems

Quantum Computing

Generative Adversarial Network

→ Bioinformatics

Biomedical and Health Informatics

Bio-inspired Computing

Neuromorphic Computing

## Al-based Image Processing

Reinforcement Learning Meta Learning

**→** Dew Computing

Digital Forensics

→ Pervasive Computing

Industrial Informatics

Affective Computing

Evolutionary Computation

→Soft Computing

→ Data Analytics Systems → Automation

# Track 3: IoT Systems

NLP-based Smart Systems

IoT in Healthcare → IoT in Agriculture

IoT in Everything

Smart Contracts

Crypt Analysis

Cybernetics

Human Activity Recognition

→ IoT in Vehicular Network → IoT in Underwater Surveillance

Wireless Sensor Networks → AlloT

→ 5G & beyond 5G → Industry 4.0

→ IoT in Industry

→ IoT in Smart City

# Track 4: Cyber Security Systems and Blockchain

Blockchain Authentication

Cryptocurrency

→ Encryption Techniques

Blockchain-based Machine Learning Dependable and Secure Computing

Security, Privacy, Attacks, and → Security in IoT

# https://cmt3.research.microsoft.com/

PAPER SUBMISSION LINK

Authors are solicitated to contribute to the conference by submitting articles at the above link that illustrate research results, projects, surveying works and industrial experiences that describe significant advances in computing, communication and automation.

Submission Guideline The papers must be submitted ONLINE though CMT Link. Please follow standard author instructions of Springer conference for paper format

Publication: All accepted and presented papers will be published by Springer Book

Series(Approval Pending)

**Mode of Conference: Hybrid mode** 

### IMPORTANT DEADLINES

**Full Paper Submission Open:** 28th August 2023 **Full Paper Submission:** 6th December 2023 **Acceptance Notification:** 6th March 2024 **Early Bird Registration:** 25th March 2024 **Last Date of Registration:** 15th April 2024 **Final Camera Ready Paper** 1st May 2024

**Submission of Copyright:** 

**Date(s) of Conference** 

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