



# 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/









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techniques and courses which are tailor-made (technical & soft skills) for the job market

giving the students the winning edge and competitive advantage during placements.

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

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

Cloud Computing Parallel Computing Green Computing Geoscience and Remote Sensing

Human Centric Computing Cognitive Intelligence

Audio, Speech and Video Processing

NLP-based Smart Systems

Quantum Computing

Explainable Al

→ Big Data

Active Learning

→ Fog Computing Mobile Computing

Cognitive Computing → Grid Computing

Quantum Cryptography Fuzzy Systems

### Biomedical and Health Informatics → Bioinformatics

Bio-inspired Computing

Neuromorphic Computing

**→** Dew Computing

Digital Forensics

Pervasive Computing

Industrial Informatics

Affective Computing

Evolutionary Computation

# Track 2: Al Systems

Intelligent Systems Al with Robotics → Deep Learning Featured Learning Generative Models

Generative Adversarial Network Robotics Systems

→ Data Mining

Al-based Image Processing Reinforcement Learning

Meta Learning →Soft Computing → Data Analytics Systems

→ Automation

### Track 3: IoT Systems

IoT in Healthcare → IoT in Industry → IoT in Vehicular Network → IoT in Agriculture → IoT in Smart City → IoT in Underwater Surveillance Human Activity Recognition Wireless Sensor Networks → 5G & beyond 5G IoT in Everything → Industry 4.0 → AlloT

# Track 4: Cyber Security Systems and Blockchain

Security, Privacy, Attacks, and Blockchain Authentication Cryptocurrency Smart Contracts → Encryption Techniques → Security in IoT Blockchain-based Machine Learning Dependable and Secure Computing Crypt Analysis Cybernetics

## PAPER SUBMISSION LINK

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

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:** 1st May 2024 **Date(s) of Conference** 26th & 27th June 2024

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