



# International Conference on Advanced Computing Systems



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/

All accepted papers will be published by Scopus Indexed Springer Nature book series "Studies in Computational Intelligence (Approval Pending)".

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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-theart 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. Advanced Computing**

## **Emerging Computing**

Human Centric Computing

Audio, Speech and Video

**Track 2. Advanced Systems** 

Cloud Computing Parallel Computing

Cognitive Intelligence

Quantum Computing

Green Computing

Mobile Computing

→ Fog Computing

Pervasive Computing Cognitive Computing Evolutionary Computation

→ Geoscience and Remote Sensing Grid Computing

Quantum Cryptography

Fuzzy Systems Affective Computing

Biomedical and Health Informatics > Bioinformatics

Bio-inspired Computing

# Neuromorphic Computing

#### Al Systems

Processing

Intelligent Systems

Explainable AI

Active Learning

Generative Models

NLP-based Smart Systems Big Data

Featured Learning Generative Adversarial Network

Deep Learning

Al with Robotics

Robotics Systems

Data Mining

Data Analytics Systems Automation

▶ IoT in Industry

→ IoT in Smart City

→ 5G & beyond 5G

Industry 4.0

Meta Learning

Soft Computing

Al-based Image Processing

▶ Reinforcement Learning

Dew Computing

Digital Forensics

Industrial Informatics

#### **IoT Systems** ▶ IoT in Vehicular Network

**Cyber Security Systems and Blockchain** 

▶ IoT in Healthcare ▶ IoT in Agriculture

▶ IoT in Everything

Smart Contracts

Crypt Analysis

Cybernetics

Human Activity Recognition

Blockchain Authentication

▶ IoT in Underwater Surveillance

Encryption Techniques

Blockchain-based Machine

Cryptocurrency

Learning

Wireless Sensor Networks

AlloT

Security, Privacy, Attacks, and

Security in IoT

**Forensics** 

Dependable and Secure Computing

## PAPER SUBMISSION LINK

#### https://cmt3.research.microsoft.com/AdComSys2024

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 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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