



# 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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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

► Quantum Computing

► Fog Computing

► Mobile Computing

► Cognitive Computing

► Grid Computing

► Quantum Cryptography

► Fuzzy Systems

► Biomedical and Health Informatics

► Bio-inspired Computing

► Dew Computing

► Pervasive Computing

► Evolutionary Computation

► Industrial Informatics

► Digital Forensics

► Affective Computing

► Bioinformatics

► Neuromorphic Computing

#### Track 2: AI Systems

► Intelligent Systems

► Explainable AI

► Active Learning

► Generative Models

► NLP-based Smart Systems

► Big Data

► AI with Robotics

► Deep Learning

► Featured Learning

► Generative Adversarial Network

► Robotics Systems

► Data Mining

► AI-based Image Processing

► Reinforcement Learning

► Meta Learning

► Soft Computing

► Data Analytics Systems

► Automation

#### Track 3: IoT Systems

► IoT in Healthcare

► IoT in Agriculture

► Human Activity Recognition

► IoT in Everything

► IoT in Vehicular Network

► IoT in Underwater Surveillance

► Wireless Sensor Networks

► AllIoT

► IoT in Industry

► IoT in Smart City

► 5G & beyond 5G

► Industry 4.0

#### Track 4: Cyber Security Systems and Blockchain

► Blockchain Authentication

► Smart Contracts

► Crypt Analysis

► Cybernetics

► Cryptocurrency

► Encryption Techniques

► Blockchain-based Machine Learning

► Security, Privacy, Attacks, and Forensics

► Security in IoT

► Dependable and Secure Computing

### PAPER SUBMISSION LINK

<https://cmt3.research.microsoft.com/AdComSys2024>

Authors are solicited 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

<b>Full Paper Submission Open:</b>	28th August 2023
<b>Full Paper Submission:</b>	6th December 2023
<b>Acceptance Notification:</b>	6th March 2024
<b>Early Bird Registration:</b>	25th March 2024
<b>Last Date of Registration:</b>	15th April 2024
<b>Final Camera Ready Paper</b>	1st May 2024
<b>Submission of Copyright:</b>	1st May 2024
<b>Date(s) of Conference</b>	26th & 27th June 2024

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