

### First International Conference on Advanced Computing and Systems

# AdComSys 2024

Organized by:

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



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

All accepted and presented papers will be published by the Web of Science (WoS) indexed Springer Nature Book Series "Algorithms for Intelligent Systems" (https://www.springer.com/series/16171)

AdComSys 2024 will be held in Hybrid Mode









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.

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

## Track 1: Emerging Computing

(Cloud Computing
(Parallel Computing
(Green Computing
(Grid Computing
(Quantum Cryptography
(Fuzzy Systems
(Quantum Computing
Audio, Speech and Video
Processing

(Fog Computing Mobile Computing (Cognitive Computing (Industrial Informatics (Digital Forensics (Affective Computing (Bio-inspired Computing Biomedical and Health Informatics

**Dew Computing** Pervasive Computing **Evolutionary Computation** Human Centric Computing Cognitive Intelligence Bioinformatics Neuromorphic Computing Geoscience and Remote Sensing

## Track 2: Al Systems

Intelligent Systems
Explainable AI
Active Learning
<b>Generative Models</b>

Al with Robotics **Deep Learning** Featured Learning **Generative Adversarial** Network (Robotics Systems

(Al-based Image Processing Reinforcement Learning Meta Learning **Soft Computing** 

**Data Analytics Systems** Automation

(Data Mining

## Track 3: IoT Systems

Human Activity Recognition

NLP-based Smart Systems

IoT in Healthcare IoT in Agriculture

loT in Everything

(Big Data

IoT in Vehicular Network IoT in Underwater Surveillance (Wireless Sensor Networks IoT in Industry IoT in Smart City

5G & beyond 5G (Industry 4.0

**Smart Contracts** 

## Track 4: Cyber Security Systems and Blockchain

(AlloT

Blockchain Authentication (Encryption Techniques Security, Privacy, Attacks, and Forensics Cybernetics

(Cryptocurrency Security in IoT Blockchain-based Machine Learning

Crypt Analysis Dependable and Secure Computing

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

#### Regular Author (UG/PG)

India/SAARC (INR) Foreigner (USD) Early Bird - 100 Regular - 150 Early Bird - 4500 Regular - 5500

Regular Author Academician, PhD Scholars

Foreigner (USD) Early Bird - 200 India/SAARC (INR) Early Bird - 5000 Regular - 6000 Regular - 250

Regular Author from Industry

India/SAARC (INR) Early Bird - 7000 Regular - 8000

Foreigner (USD) Early Bird - 200 Regular - 250

Only Attending or Accompanying

India/SAARC (INR) Early Bird - 2500 Regular - 2500

Foreigner (USD) Early Bird - 80 Regular - 80

\*All rates are exclusive of GST and other monetary transaction charges.

#### **Chief Patron**

Prof. Dr. Satyajit Chakrabarti - Chancellor (UEMK)

#### **General Chair**

Prof. Dr. Maumita Chakraborty (UEM Kolkata, India) Prof. Dr. Weiping Ding (Nantong University, China) Prof. Dr. Shouvik Chakraborty (Women's Polytechnic, Chandernagore, India)

## Convener

Prof. Dr. Maumita Chakraborty (UEM Kolkata, India)

Prof. Dr. Danilo Pelusi (University of Teramo, Italy)

Prof. Dr. Valentina Emilia Balas (Aurel Vlaicu University of Arad, Romania)

Prof. Dr. Amlan Chakrabarti (University of Calcutta, India)

Prof. Dr. Asit Kumar Das (IIEST Shibpur, India)

#### **Patrons**

Prof. Dr. Sajal Dasgupta - Vice Chancellor (UEMK)

Prof. Dr. Satvaiit Chakrabarti - Pro-Vice Chancellor (UEMK)

Prof. Dr. Sukalyan Goswami - Registrar (UEMK)

Prof. Dr. Rajashree Paul - Deputy-Dean (UEMK)

Prof. Dr. Kamakhya Prasad Ghatak - Dean-Engineering (UEMK)

Prof. Dr. Rajiv Ganguly - Dean-Science (UEMK)

Prof. Dr. Abir Chatterjee - Dean-Research (UEMK)



https://cmt3.research. microsoft.com/AdCom Sys2024

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