



AISSMS
INSTITUTE OF INFORMATION TECHNOLOGY
(IOIT)

ADDING VALUE TO ENGINEERING
An Autonomous Institute Affiliated to Savitribai Phule Pune University
Approved by AICTE, New Delhi and Recognized by Govt. of Maharashtra
Accredited by NAAC with "A+" Grade | NBA - 5 UG Programmes



Sponsored By

Celebrating 25 years of IOIT



6th IEEE International Conference on Emerging Smart Computing and Informatics (ESCI-2024)



HYBRID MODE

5th, 6th & 7th
March 2024

Organised by All India Shri Shivaji Memorial Society's, Institute of Information Technology, Pune

Co-Sponsored by IEEE Pune Section Communication Society Chapter &
IEEE Pune Section Signal Processing Society Chapter.

Academic partner



RESEARCH FOUNDATION OF INDIA
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Research Towards Innovation



Conference website : www.esciioit.org

Email Id: esciioit@aissmsioit.org



About Institute

Celebrating 25 years of academic excellence at AISSMS Institute of Information Technology. Since its inception in 1999, IOIT has emerged as a preeminent center of higher education, dedicated to nurturing intellectual growth and holistic development among our students. Our autonomous institute stands proudly with NBA and NAAC A+ Accreditation and approvals from AICTE and the Director of Technical Education, Maharashtra State.

Our journey of excellence is underscored by an impressive array of accolades:

We are proudly ranked within the rank band of 151-300 in the prestigious NIRF India Rankings 2023, specifically in the Innovation Category. The Outlook-Rank's Best Private Engineering Institutes Survey us at 79 in 2019-20, 75 in 2020-21, and a remarkable 63 in 2021-22. In the WEEK MAGAZINE's surveys, we secured the 103rd position in 2019-20, followed by a notable Private-17 and Overall-21 ranking in 2020-21. Our journey continued with a ranking of 133 in the year 2021-22. Our dedication to excellence was further recognized with the Best Private Engineering College Award in 2015 by ISTE, New Delhi, top 10 Best Private Engineering Colleges, the Engineering Education Excellence Award in 2015, by the Indo-Global Chamber of Commerce, Industries, and Agriculture, reinforces our standing as a hub for exceptional engineering education.

Adapting to the dynamic industrial landscape, AISSMS IOIT has consistently evolved to address ever-changing demands. Located in the heart of the city, our commitment to educational excellence is evident through our fusion of knowledge, research focus, industry integration, and global perspectives, all of which enrich our comprehensive range of academic programs. Central to our approach is a steadfast focus on our students. This student-centric philosophy has yielded remarkable results, cultivating teams equipped with both profound industry exposure and a keen understanding of current trends. As a hub for degree to Ph.D. courses, our institution offers a diverse academic spectrum that caters to varied educational pursuits.

About the Conference

The 6th IEEE International Conference on Emerging Smart Computing and Informatics (ESCI-2024) serves as a platform for academics and industry researchers to present their latest algorithms, models, and technologies while also exploring new trends and ideas within the realms of smart computing and informatics. The primary goal of this conference is to offer a united platform for discussing emerging trends in smart computing, networking, communication, signal and image processing, cybersecurity, and IoT.

The conference aims to provide an opportunity for global participants to share their ideas and experiences in person, fostering interaction among peers from different parts of the world. Additionally, this gathering will assist delegates in establishing a research-oriented environment and in establishing international connections for potential future collaborations in their career paths. The conference focuses on various modernization and innovation paradigms that can be applied to provide practical and creative solutions to diverse societal, industrial, and environmental challenges.

It is worth noting that the conference will be conducted in a hybrid mode, combining both in-person and virtual participation options.





About Pune, India

Pune is the second largest city in the Indian state of Maharashtra and is considered the cultural capital of Maharashtra. It is also known as the "Oxford of the East" due to the presence of several well-known educational institutions. The city has emerged as a major educational hub in recent decades, with nearly half of the total international students in the country studying in Pune. Research institutes focusing on information technology, education, management, and training attract students and professionals from India and overseas. Several colleges in Pune have student exchange programs with other countries.

Pune is also home to numerous IT parks, making it a major IT hub in India. The city reflects the rich Maratha culture in its heritage, which can be explored by visiting forts, temples, and caves. Pune boasts several noteworthy places to visit, including the grand Aga Khan Palace built in 1892. The average temperature in March ranges from 16° to 36°C. Pune International Airport is well-connected to all major Indian cities and some international hubs.

Call for Paper

IEEE Conference Record No: 59607

First Call for Papers

The International Conference proceedings invite academics and industry researchers to submit papers that explain literature reviews, problem statements, and methodologies, and present appropriate results. The selected papers will undergo expert review, with acceptance being determined based on significant and innovative content, originality, and the quality of unpublished work. Accepted and presented papers will be submitted for inclusion in the IEEE Xplore digital library (Scopus-indexed).

The Conference also extends an invitation for special topics, tools, and applications in multi-disciplinary areas, along with workshops and tutorial sessions conducted by expert academicians and professionals.

The conference invites the papers in the following domains

Track1: Smart Computing

- Artificial Intelligence and Machine Learning
- Deep Mining
- Data Mining and Text mining
- Big Data Analytics
- Cloud Computing
- Mobile Computing
- Natural Language Processing and Machine Translation
- Parallel and Distributed Algorithms
- Pattern Recognition and Analysis
- Modeling Systems and Software Engineering
- Ubiquitous and High-Performance Computing.
- Smart Innovative Systems and Technologies
- Social Network Analysis

Track2: Internet of Things

- Artificial Intelligence
- Security and Privacy
- Industry X
- Industry 4.0
- Smart Sensors
- Emerging Communication Technology
- AI and Big Data
- Digital Communication Technologies
- Advanced Analytics
- Machine Learning (ML)
- Augmented and Virtual Realities (AR/VR)
- Intelligent and Autonomous Systems
- Advanced Embedded System
- Industrial IoT
- Medical IoT

Track 3: Image and signal processing

- Image and Video Processing
- Analysis and Compression
- Digital and Statistical Signal Processing
- Object Recognition
- Speech Processing
- Music Information Retrieval and Computer Audition
- Medical Imaging
- Super Resolution
- Computer Vision
- Content-Base Image Retrieval (CBIR)
- Artificial Neural Network (ANN)

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Important Dates

Paper Submission Deadline: **31st December 2023** | Notification of Acceptance: **15th January 2024**

Previous Conference Proceedings:

<https://ieeexplore.ieee.org/xpl/conhome/1836404/all-proceedings>

IEEE Conference Link:

https://conferences.ieee.org/conferences_events/conferences/conferencedetails/59607

Paper submission link:

<https://cmt3.research.microsoft.com/ESCI2024>

Registration Fees : Till 15th January 2024

Category	Indian	Foreign
IEEE Member	INR 5500/-	\$100
Non IEEE Member	INR 6000/-	\$150
IEEE Student Member	INR 4500/-	\$100
Non IEEE Student Member	INR 5000/-	\$150
Participants (Non Presenter)	INR 1500/-	\$50

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