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INTERNATIONAL CONFERENCE
ON ADVANCES IN COMPUTER SCIENCE &
TECHNOLOGIES



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ORGANISED BY
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



THE DEPARTMENT

The department of Computer Science and Engineering (CSE) at SRM Institute of Science and Technology was established in the year 2004 with the aim of imparting quality education to students and bring out the best in them. The key goal of the department is to provide best IT infrastructure, world class learning and research environment, adopt industry practices through industry collaborations and inculcate moral and ethical values. With students hailing from all States and union territories of India, the department was established to meet the demand for well-qualified computer professionals. The promptness of the students to learn makes it easier for the industry- trained experienced faculty to produce top-notch engineers who are being recruited by reputed companies all over the world. The department is renowned for imparting state of the art undergraduate education and preparing its students for real world challenges..

VISION

To become a world class department in imparting high quality knowledge and in providing students a unique learning and research experience in Computer Science and Engineering.

MISSION

- To impart knowledge in cutting edge technologies on par with industrial standards.
- To collaborate with renowned academic institutions in research and development.
- To instill societal and ethical responsibilities in all professional activities.

THE INSTITUTION

SRM Institute of Science and Technology (formerly known as SRM University) is one of the top ranking universities in India with over 20,000 students and 1,500 faculty, offering a wide range of undergraduate, postgraduate and doctoral programs in Engineering, Management, Medicine and Health sciences, Science and Humanities. Foreign faculty, flexible and dynamic curriculum, exciting research and global connections are the features that set SRM apart. Students have a wide choice of cutting edge programs including nanotechnology, bioinformatics, genetic engineering, remote sensing and GIS, embedded systems or computer forensics to choose from. Most of these courses are offered in close collaboration with foreign universities. 80% of students are from outside Tamil Nadu. Over 150 students sponsored to 35 foreign universities like MIT, Carnegie Mellon, UC Davis, Warwick and Western Australia. SRMIST has been accredited by NAAC with the Highest 'A++' Grade in the year 2018, valid for the next 5 years. Top salary INR 47,00,000 offered by Adobe. Nearly 100% placement of registered students: Adobe, Amazon, JP Morgan, PayPal, Morgan Stanley and others.

THE CONFERENCE

The International Conference on Advances in Computer Science and Technologies (ICACST '23) will provide an excellent international forum for sharing knowledge and findings in theory, methodology and applications of computer science, engineering and technology. The conference looks for significant contributions in all major fields of the computer science and information technology in theoretical and practical aspects. The aim of the conference is to provide a platform to the researcher and practitioners from both academia as well as industry to meet and share cutting-edge development in the field. Authors are solicited to contribute to the conference by submitting articles that illustrate research results, projects, surveying works and industrial experiences that describe substantial advances in the following areas, but are not limited to:

CALL FOR PAPERS

Intelligent Information Systems

- Novel Information Process Management Systems
- Modelling and Advanced Intelligent
- Internet of Things
- Human-Computer Interaction Models Digital Informatics
- Wireless Communication and Storage Networks
- System Information Modelling Techniques
- Artificial and Computational Intelligence Models
- Performance Analysis and Evaluation Techniques
- Intelligent Information Retrieval Techniques

Bio - Engineering

- Bio Medical Image Analysis
- Biomedical Signal
- Processing Control Pattern Recognition and Applications
- Deep Learning & Image Based Rendering
- Speech and Audio Processing
- Biometrics
- Sensors & Imaging Models
- Biological and Perceptual Models for Image/Video

Ubiquitous Computing & Communications

- Cloud Computing
- Mobile Computing and Networks
- Embedded Computing Frameworks
- Modelling and Analysis of Ubiquitous Information Systems
- Communication Networking Models
- High Performance Computing
- Pervasive Communication Networks

Blockchain Technology

- Theories of blockchain
- Smart contract, chain code, and distributed ledger
- Distributed consensus
- Fault tolerance mechanisms
- Blockchain schemes for decentralization
- Security, privacy and trust of blockchain
- Security issues & Attacks on blockchain based systems

Computing Models and Applications

- Network Virtualization and Visualization
- Social Computing
- Smart Computing Architectures
- Soft Computing Algorithms and Models

Computational Vision

- Modelling and Simulation of Biological Systems
- Multi-Sensor Data Analysis, 3D Computer Vision
- Object/Target Detection, Recognition and Identification
- Big Data, Large Scale Methods
- Deep Learning
- Techniques
- Motion and Tracking, Space Video Analytics Stereo and 3D Vision

Smart Network Science

- Artificial Neural Networks
- Sentiment Analysis Natural Language
- Processing Social Network Mining
- Computing in Mobile Ad hoc Networks
- Network Service-based Grid Computing

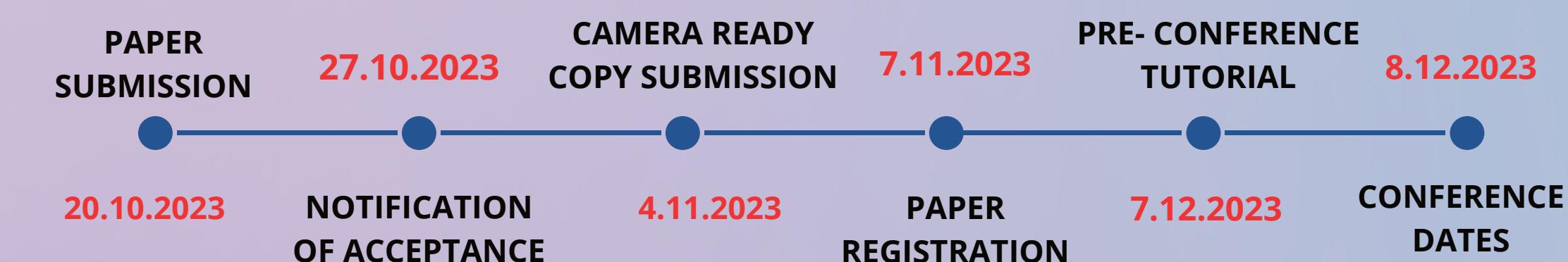
JOURNAL PUBLICATIONS

- All accepted papers will be published in Conference proceeding with ISBN number.
- All presented papers will be published in **SCI / SCOPUS / WOS / UGC CARE** based on author's interest.

SUBMISSION PROCESS

- Papers must be submitted through Email - rmpicacst@srmist.edu.in
- Detailed submission instructions are available at the conference website: www.icacst23.in
- Direct your questions to: rmpicacst@srmist.edu.in

IMPORTANT DATES :



REGISTRATION

FOR ACADEMICIANS, STUDENTS, RESEARCH SCHOLARS - **RS. 1000/-**

FOR INDUSTRY PARTICIPANTS - **Rs. 1500/-**

FOR FOREIGN AUTHORS - **USD \$25**

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