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5th International Conference on Systems, Computation, Automation and Networking

ICSCAN - 2023

17th & 18th November 2023



Organized by

MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

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ABOUT THE CONFERENCE

ICSCAN-2023 aims at bringing together Researchers, Scientists, Engineers, Industrial participants, Technocrats and Budding Engineers and Professionals around the world to a common platform to share their experiences, new ideas, and research findings on all aspects of Electrical, Electronics, Communication, Computer and Information technology. The researchers will present the state of the art of expansions and technical elucidations covering wide range of topics in all the fields of Engineering. The conference will be complete, concise, clear and cohesive to highlight the emerging research technologies. Distinguished people will be invited to deliver keynote speeches and invited talks on recent trends and significant developments in the emerging technologies.

ABOUT THE INSTITUTION

Manakula Vinayagar Institute of Technology is a premier institute run by Sri Manakula Vinayagar Educational Trust Established in the year 2008, with a view to provide quality technical education to young citizens and participate in technological progress of our Nation. It is offering courses in UG- B.Tech (EEE, ECE, CSE, IT, MECH, RA, IOT, AIML), PG courses - M.Tech (ECE & CSE), MBA and Ph.D(ECE) with a perspective to open up career opportunities for the underprivileged youth in and around the vicinity. Our college is professionally managed and guided with meticulous care to be in conformance with all prudential standards. MVIT is Approved by AICTE, New Delhi and Affiliated to the Pondicherry University and Accredited by NBA. MVIT is situated on the Pondicherry - Villupuram National highway (NH-45A) in Madagadipet, Pondicherry, South India. Madagadipet is 23 Kms from Pondicherry and 16 Kms from Villupuram.

ABOUT PUDUCHERRY

Puducherry is the capital city and the largest city of the Indian union territory. It is a renowned place for spirituality, peace and French Culture. Heritage is one of the most precious gifts, which is abundant in Puducherry for its tourists and visitors. Puducherry portrays an unique blend of French colonial heritage and Tamil culture. The World famous Shri Aurobindo Ashram, International City Auroville, Religious places like Sri Manakula Vinayagar temple, nearby Chidambaram Nataraja temple etc. brings laurel to the Pondicherry.

CALL FOR PAPERS

ICSCAN 2023 provides a forum for the prospective authors intending to present their study & research findings covering all theoretical developments and practical applications in the field of Electrical, Electronics and Computer including but not limited to the following topics.

INTERESTED TRACKS

ELECTRICAL AND ELECTRONICS ENGINEERING

- Power System Operation & Control
- Electrical Drives and Control
- Instrumentation and Control
- Sustainable Energy and Its Applications
- Intelligent Power and Energy System

- Transmission and Distribution
- Electrical Machine and Design Packages
- Power Quality Improvement Techniques
- Artificial Intelligence in Electrical Engineering
- Smart Grid
- Optimization Techniques
- Hybrid Power Generation
- DC-Micro Grid
- Advanced Power Converter Topologies
- Finite Element Analysis

ELECTRONICS AND COMMUNICATION ENGINEERING

- MIMO and multi-antenna communications
- Ultra wideband, mmWave, and sub-THz communications
- Cognitive Radio Networks
- Satellite Communications
- Cyber-physical systems / IoT
- Wireless Communication
- Bio-Inspired Algorithms
- Signal Processing For Communications
- Bio- Medical Signal processing
- Large Dimensional Signal Processing
- Audio and Video Signal Processing
- Computer Vision And Image Analysis
- Machine Learning and Deep Learning For Medical Images
- Medical and Bio Informatics
- VLSI Design
- Embedded Systems Security
- Multi-Core and Many-Core Architectures
- Electromagnetic Engineering

COMPUTER AND INFORMATION TECHNOLOGY

- Big Data and Data Science
- Artificial Intelligence
- Block Chain Technology
- IoT
- Cognitive Computing
- Data Mining
- Database Management Systems
- Software Testing & Quality Assurance
- Data and Cyber Security
- Machine Learning & Deep Learning
- Virtual and Augmented Reality
- Theory of Computing
- Cloud Computing
- Natural Language Processing
- Computer Graphics and Multimedia
- Cryptography and Network Security
- Mobile Computing
- Pattern Recognition & Computer Vision
- Human Computer Interface

REGISTRATION FEES

CATEGORY	INR	USD
Non-IEEE Member	6,500	200
IEEE Member	6,000	150
Industry Non-IEEE Member	7,000	250
Industry IEEE Member	6,500	200
Student Non-IEEE-Member	6,000	100
IEEE-Student Member	5,500	75

For the paper to be published in the conference, it will be obligatory for at least one of the authors to register and present the paper in the conference.

IMPORTANT DATES :

Abstract submission	:12-06-2023
Full Paper submission	:15-07-2023
Notification of Acceptance	: 23-09-2023
Final Paper submission	:10-10-2023
Conference Date	:17-11-2023 & 18-11-2023

LOCATION :

The College is located at Madagadipet on the Villupuram – Puducherry highway, 16 Kms from Villupuram and 23 kms from Puducherry.

MODE OF MANUSCRIPT SUBMISSION

- The authors are requested to use standard IEEE manuscript template for preparing the paper.
- Papers submitted should contain original research/study and should not have been published or submitted for publication elsewhere.
- All papers must include title, complete contact information of all the authors, abstract and key words on the first page.
- All submission to the conference will go through blind review process by at least two independent reviewers
- The IEEE anti-plagiarism policy is applicable to all submissions. Only the author(s) is responsible for any plagiarized submission.
- Prepare your manuscript in any file format acceptable to PDFexpress with conference ID 58655.
- Paper submission and review are managed Microsoft CMT Submission System.
- For further details, please visit conference website: www.icscan.in

PAPER PUBLICATION

All accepted and presented papers will be published in conference proceedings with IEEE-ISBN Number 979-8-3503-1512-7 and will be eligible for submission to be included in IEEE Xplore Digital library.

ACCOMMODATION

Limited boarding and Lodging Facilities are available on the campus on nominal payment basis. Interested participants should inform in prior to avail the facilities.