3rd International Conference on Evolutionary Computing and Mobile Sustainable Networks ICECMSN 2023

About Conference:

Today, Network sustainability has become capital in both academia and industries present all over the globe, which has generated a solution for the impact of optimization in mobile communication networks. Recently, the evolving advances in Evolutionary Computing technologies including swarm intelligence algorithms and other evolutionary algorithm paradigms are emerging as widely accepted descriptors for mobile sustainable networks virtualization, optimization, and automation. To deal with the emerging impacts on mobile communication networks, The 3rd International Conference on Evolutionary Computing and Mobile Sustainable Networks [ICECMSN 2023] conceives an innovative research platform for soliciting the state-of-the research works on developing a sustainable design and their implementation in mobile networks. With the advent of evolutionary computation algorithms, ICECMSN 2023 contributes a gathering of inventive research contributions that would initiate a new perspective of mobile sustainable networks. The main aim of this international conference is to promote and reflect the recent research works in evolutionary computation technologies and mobile sustainable networks. ICECMSN 2023 has developed with a specific focus on computational intelligence and evolutionary computing that widely ranges from theoretical foundations to practical applications in enhancing the sustainability of mobile networks.

9-10, November 2023
Coimbatore, India

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Venue
Hindusthan Institute of Technology, Othakkalmandapam (Post), Pollachi Main Road, Coimbatore, TamilNadu, India.

Conference Chair

Dr. M. Duraipandian
Professor & Head
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Hindusthan Institute of Technology
Coimbatore, India.

ICECMSN

Hindusthan
Institute of Technology
Accredited with 'A' Grade by NAAC
and Accredited by NBA

About College

Hindusthan Institute of Technology (HITECH) was started in the year of 2007 by the great industrialist and philanthropist, Thiru.T.S.R.Khannaiyann.

It is an Autonomous Institution. The primary objective of the Hindusthan Institute of Technology is to educate and prepare men and women for leadership in industry, government, and educational institutions; to advance the knowledge base of the engineering professions; and to influence the future directions of engineering education and practice.

The College has well-furnished classrooms, state-of-the-art laboratories, computer centers and a well-stocked library. Separate Hostels with all the modern amenities are provided for men and women. The campus consists of lush green lawns, a playground, GYM and also facilities for indoor games. A fleet of vehicles caters to the transport needs.

HITECH believes not only in educating the students, but also grooming characters, with moral and ethical values, thus building the nation. Since its inception, the college has been providing world-class facilities & infrastructure for high quality education and learning. The emphasis is on transformational leadership rather than directional leadership. The aim is to establish new trends, introduce innovative training methodologies, and thus guide students towards the road to success.

Chief Patrons

Publication

All registered and presented papers will be recommended for inclusion in
Procedia Computer Science
ISSN: 1877-0509
https://www.journals.elsevier.com/procedia-computer-science

ELSEVIER

Patron

Dr. C. Natarajan
Principal
Hindusthan Institute of Technology
Coimbatore, India

Keynote Speakers

Dr. Manu Malek

IEEE Life Fellow, Editor in Chief, Computers & Electrical Engineering, Elsevier, Alcatel-Lucent Bell Labs and & Professor, Stevens Institute of Technology (ret.), New Jersey, United States.

Dr. Yong Shi

Professor of Computer Science, Director/Coordinator of the Master of Computer Science, Kennesaw State University, USA.

Mr. R. Valanarasu

Senior Consultant, Enterprise Application Services, Infosys Ltd.

Call for Papers

Evolutionary Computing

- Memetic Algorithms & Genetic Algorithms
- Advanced Evolutionary Design
- Swarm/ Collective Intelligence
- Evolutionary Search and Meta-heuristics
- Agent-based Systems and Artificial Life
- Evolutionary Multi-Objective Optimization
- Particle Swarm Optimization
- Meta-Heuristics and Intelligent Evolutionary Search
- Evolvable/Adaptive Hardware and Systems
- Advanced Genetic Algorithms
- Complex-Adaptive Systems and Biocomputing
- Evolutionary Game Theory and Evolutionary Scheduling
- Quantum Computing and Nano Computing

Mobile Sustainable Networks

- Big Data
- Sustainable Energy, Grids, and Networks
- Green Wireless Sensor Networks
- Energy-Efficient Sensor Networks
- Cognitive Mobile and 5G Networks
- Renewable Energy Sources for Communication Networks
- Sustainable Energy-Efficient UAV-based Networks
- Field Trials of Sustainable Networking and Computing
- Energy-Efficient 5G Network Models and Applications
- Software-Defined Networking (SDN)
- Network Function Virtualization (NFV)
- Sustainability in Wireless Body Area Network (WBAN) & Vehicular Networks
- Green Data Centers and Computing Architectures