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Submission Guidelines

Send full manuscript to icmss.contact@gmail.com in (PDF + MsWord format) or (PDF + Latex format)

About the Conference

The increasing integration of sensors, electronic devices, and signal processing architectures in environmental applications allow real-time data acquisition and analytics, and it even assists the infrastructures to respond in real time according to user requirements, which makes them smart and intelligent. The latest research on smart technologies like sustainable power and energy, environmental engineering, nano electronics, sensors and actuators, distributed signal processing models provide promising and real-time solutions to the various number of challenges faced by the civil engineering communities in a broader context of infrastructures, with a particular emphasis on smart environmental systems and sustainable environmental expansion and preservation. The recent research progress on high-performance materials, recyclable materials for infrastructure facility construction and rehabilitation, anomaly detection, non-destructive testing, intelligent sensor deployment and system integration for network-level infrastructure management has changed the human lifestyle across the globe. To perform this, International Conference on Material Science, Smart Structures and Applications (ICMSS 2023) aims to provide an interdisciplinary platform for the researchers from both academia and industries and lends itself to the integration of recent research works in the field of Smart structures for Environmental Applications.

About the College

Surya Engineering College (SEC), Erode is a Self-financing Engineering College instituted in the year 2008 under the auspices of Sri Andavar Educational and Charitable Trust. On the 7th km from Erode in Erode to Perundurai Highway, the amiable and well-developed college campus spreads over a sprawling 20 acres of land. The institution provides education in the field of Engineering, Management studies, Pharmacy and Architecture. Eminent professors, experts from industries and management consultant are invited to deliver guest lectures, seminars and workshops are arranged regularly.

Keynote Speakers

Dr. M V Reddy
Institute of Research Hydro Quebec, Canada.

Dr. Hui Ming Wee
Professor,
Department of Industrial and Systems Engineering
Chung Yuan Christian University
200 Chung Pei Road, Chung Li District
Taoyuan City, Taiwan.

Dr. D. Nirmal
IEEE Madras Section Execom Member,
Professor and Head, Department of ECE,
Karunya Institute of Technology and Sciences,
Coimbatore, India.

Contact

Prof. E. Baraneetharan
Associate Professor & Head,
Dept. of EEE,
Surya Engineering College.
Email: icmss.contact@gmail.com
Mobile number: +91-9789653809

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ERODE, TAMIL NADU,
INDIA.

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- Metallurgy and Materials
- Iron & Steel Classes and Standards
- Iron & Steel Manufacturing Methods and New Approaches
- Refractories in Iron & Steel Industry
- Fracture and Fatigue Behavior of Iron & Steel
- Mechanics and Behavior of Smart Materials
- Magnetic Properties of Smart Materials
- Mechanical Properties of Smart Materials
- Thermal Properties of Smart Materials
- Optical Properties of Smart Materials
- Advanced Characterization Techniques

Track-2

- Nanomaterials and Nanotechnology
- Carbon, Graphite and Graphene
- Nanotubes, Nanorods and Nanowires
- Nanofibers, Nanofilms and Nanocomposites
- Nanopowder and Nanoparticles
- Microtechnology
- Smart Nanodevices
- Nanotechnology Applications

Track-3

- Optical and Electronic Materials
- Photonics Materials and Devices
- NEMS, MEMS and Liquid Metal Devices
- Semiconductors and Superconductors
- Computational Optics and Photonics
- Lasers and Optical Fibers
- Smart Electronic Devices
- Advanced Metals & Alloys
- Catalytic Materials
- Conducting Polymers
- Environmental Coordination Materials
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- Functionally Graded Materials
- Self-Assembled Materials
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ICMSS 2020: <https://aip.scitation.org/toc/apc/2327/1>

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Registration Fee Details

Category	Authors	Listeners
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Foreign Participant	150 USD	120 USD



Surya Engineering College
Erode, India

Conference website: <http://icmss.co.in/2023/>