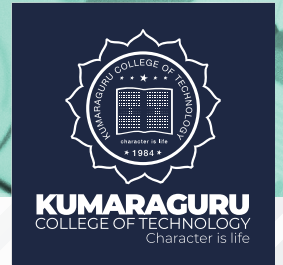




11th ISSS National Conference on MEMS, Smart Materials, Structures and Systems

14 - 16 December 2023, Kumaraguru College of Technology, Coimbatore



About the Institution

Kumaraguru College of Technology was established in 1984 under the auspices of the Ramanandha Adigalar Foundation, a charitable educational trust of Sakthi Group.

KCT is a premier private autonomous institution committed to offer technical education par excellence. With a vibrant academic ecosystem that fosters both strong academic and research activities, KCT offers 14 undergraduate, 16 postgraduate and 12 research programmes. The institution has made significant contributions to the advancement of knowledge in teaching, learning, and research, consistently ranked among the top engineering institutions in the country. Kumaraguru College of Technology is organising the 11th edition of ISSS National Conference on MEMS, Smart Materials, Structures and Systems at Coimbatore under the aegis of the Institute of Smart Structures & Systems, ISSS, India.

About ISSS

ISSS is a Professional Society that guides the Indian academia and R&D organisations to keep pace with the recent advancements in the emerging Smart technology and provides impetus to attain the national goal of emerging as one of the technological leaders. One of the key initiatives of ISSS is to organize a national conference and workshop in emerging areas and international conference on Smart Materials, Structures and MEMS, which has bridged the gaps between the advanced level of technology abroad and the R&D effort in India.

ISSS aims to foster dedicated research in this state – of – the – art / cutting edge technology. ISSS is facilitating Prime Minister Research Fellows (PMRFs) in teaching engineering undergraduate and post-graduate students in the online mode. The ISSS Journal of Micro and Smart Systems publishes reviews, full-length papers, and short communications exploring the relationships in micro and smart systems. ISSS Awards in the area of Micro and Smart systems are awarded to UG, PG, PhD students and Technology award to teams.

About the Conference

ISSS has been conducting a series of International Conferences on Smart Materials, Structures & Systems once every four years at Bangalore and National Conferences every alternate year at other locations to provide a platform to the researchers in the country present their research outcomes in the areas of MEMS, Smart materials, structures and systems and the evolution and maturing of these technologies are clearly seen over the years

Topics of Primary Focus:

- Smart / Multifunctional Materials
- MEMS/ NEMS – Bio, Environmental, Health, RF, Optical, ASIC & Packaging
- Smart Sensors & Actuators
- Structural Control and Health Monitoring
- AR/VR, Intelligent System Design, Robotics
- Flexible / Wearable Electronics
- Additive Manufacturing
- Innovations in Emerging Applications

A Pre-conference workshop, "MEMS Fabrication Processes and Packaging" is scheduled on **14th Dec. 2023**. A special session is earmarked for **ISSS Annual Awards** presentation.

Contact Information:

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Kumaraguru College of Technology
Saravanampatti, Coimbatore – 641049
Tel: 94869 77708
Email: issncl1@kct.ac.in

ISSS Awards:

ISSS UG Award:

One Prize worth ₹ **15,000** for student project,

ISSS PG Award:

One prize worth ₹ **20,000** for M.E./ M.Tech./ M.Phil./ M.S./ M.Sc. student project.

PhD student Award:

One Prize of ₹ 25,000 for PhD student work (nearing completion also accepted).

ISSS Young Scientist Award:

For outstanding contribution in the area of Micro & Smart Systems. The award comprises of an ISSS medal, citation and ₹ 50,000 as cash prize. Max age limit 40 years as on 30th September 2023.

ISSS Technology Award: For outstanding contributions by a team for developing of a technology in India.

Log on to: www.isssonline.in for more information.

Important Dates

Submission of full paper : **15 Oct. 2023**
Acceptance of full paper : 01 Nov. 2023
Submission of revised paper : 15 Nov. 2023
Conf. registration – Starts : **01 Nov. 2023**
Conf. registration – Closes : 05 Dec. 2023

Venue

Ramanandha Adigalar Auditorium, KCT.

Paper Details

Authors are requested to submit their research findings in about four pages, along with an abstract that emphasize the technical contributions and key results of the research which shall greatly facilitate the acceptance process of the full paper.

Paper to be submitted: issncl1@kct.ac.in

Publications: Selected papers will be published in ISSS Journal (Special issue)

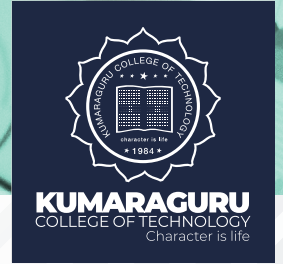
Paper format:

Log on to: www.isssonline.in for more details.



Eleventh ISSS National Conference on MEMS, Smart Materials, Structures and Systems

14 - 16 December 2023, Kumaraguru College of Technology, Coimbatore



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Dr. Anant Naik, CEO, GAETEC

Prof. Baquer Mazhari, IIT Kanpur

Dr. Dheepa Srinivasan, Chief Engineer,
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Conference Registration Fee

Students: ₹ 1000/-

Research Scholars: ₹ 1500/-

Academia: ₹ 4000/-

R&D Organisation & Industry: ₹ 5000/-

ISSS life Members for Faculty: ₹ 3000/-

ISSS life Members for Student: ₹ 750/-

ISSS life Members for Research Scholars: ₹ 1000/-

Pre-Conference Workshop:

Advances in MEMS fabrication & Packaging:

14th Dec. 2023. Additional Charge ₹ 600/-

Registration fee includes conference kit & refreshments during the conference period.

The registration fee has to be paid through NEFT/UPI

For registration and payment



Contact Details

Coordinator

Dr. B. Sabitha, Dept. of Mechatronics Engg., KCT

11th ISSS National Conference

KCT, Coimbatore

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