



Hindusthan College of Engineering and Technology

An Autonomous Institution, Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai
Accredited by NBA (AERO, AGRI, AUTO, CIVIL, CSE, ECE, EEE, FOOD TECH, IT, MECH, MCTS, MBA, MCA)
Accredited by NAAC 'A++' Grade with CGPA of 3.69 out of 4 in Cycle 2
NIRF – India Ranking 2024 Engineering Band: 201-300, Innovation Band: 11-50
Othakalmandapam Post, Valley Campus, Coimbatore – 641 032, Tamil Nadu, INDIA
Tel: +91 422 4242424 www.hicet.ac.in

3rd International Conference on Sustainable Computing and Smart Systems (ICSCSS)

20-22, August 2025

About The Conference

The future global sustainability depends on the design and development of new technologies to address the emerging stability and reliability challenges. The recent technologies such as artificial intelligence, internet of things, edge computing, and cloud computing leverage a great opportunity to prepare humans for a smarter world that can better handle the upcoming sustainability challenges. There has been a great deal of interest in the research discipline of sustainable computing as well as its practical implications, however there are only limited research viewpoints lacking the required broader perspective. The 3rd International Conference on Sustainable Computing and Smart Systems (ICSCSS 2025) has been proposed to present participants with the most recent research in sustainable computing and smart technologies. Participants are invited from academia as well as industry to submit their research works in the broad spectrum of “Smart, connected technologies and sustainable computing”, to exchange research ideas and information across this platform. The objective of this conference is to increase the research thrust on sustainable future by bringing together the leading researchers, academicians, scholars, scientists and industrialists to facilitate the personal interaction, exchange and share their research thoughts and experiences.

Keynote Speakers

Dr. D. Nirmal

IEEE R10 SRC Vice Chair
and IEEE ExCom member
Madras section,
Professor and Head of the
Department,
Electronics and
Communication
Engineering,
Karunya Institute of
Technology and Sciences,
Coimbatore, India

Dr. Andry Sedelnikov

Department of Space
Engineering,
Samara National Research
University,
Russia

Dr. Vikram Singh

Department of Computer
Engineering,
National Institute of
Technology, Kurukshetra,
Haryana, India.

Conference Committee

Chief Patrons

Shri. T. S. R. Khannaiyann
Chairman,

Hindusthan College of Engineering and Technology,
Coimbatore, India

Smt. T. R. K. Sarasuwathi
Secretary,

Hindusthan College of Engineering and Technology,
Coimbatore, India

Dr. K. Priya
Executive Secretary,

Hindusthan College of Engineering and Technology,
Coimbatore, India

Dr. J. Jaya
Principal,

Hindusthan College of Engineering and Technology,
Coimbatore, India

Conference Chair
Dr. B. Anand

HoD/EIE,

Hindusthan College of Engineering and Technology,
Coimbatore, India

Organizing Secretaries
Dr. S. Shankar,

HoD/CSE,

Hindusthan College of Engineering and Technology,
Coimbatore, India.

Dr. M. Sabrigiriraj,
HoD/IT,

Hindusthan College of Engineering and Technology,
Coimbatore, India

Steering Committee

Dr. Veerpratap Meena, National Institute
of Technology Jamshedpur, India.

Chair, IEEE Systems Council Systems
Education Technical Committee.

Dr. R. Hariprakash, Secretary, IEEE
Madras Section.

Dr. S. Radha, Treasurer, IEEE Madras
Section.

Dr. Talu Steffan, The Technical University
of Cluj-Napoca, Romania.

Dr. Oussama Saadaoui, National School
of Engineering of Tunis, Tunisia.

Dr. S. Brindha, IEEE SB Counselor,
Professor | ECE, Sri Sairam Engineering
College, Chennai, India.

Mr. M. Arun, IEEE Student Branch
Counselor, Department of Electronics and
Communication Engineering, Panimalar
Institute of Technology, Chennai, India.

Mr. Sultan Ahmad, Department of
Computer Science, College of Computer
Engineering & Sciences, Prince Sattam
bin Abdulaziz University, Saudi Arabia.

Dr. Hoang-Hiep Le, Dayeh University,
Taiwan.

Dr. Udayakumar, ECE, Hindusthan
College of Engineering and Technology,
Coimbatore, India.

Publication



XPLORE COMPLIANT ISBN: 979-8-3315-4945-9

DVD ISBN: 979-8-3315-4944-2

All registered and presented papers will be submitted for inclusion into IEEE
Xplore.

Author Ethics:

<https://conferences.ieeeauthorcenter.ieee.org/author-ethics/ethical-requirements/>

College Information

Hindusthan College of Engineering and Technology (HiCET) Coimbatore, established in the year 2000 by the great Industrialist and Philanthropist, Thiru. T.S.R. Khannaiyann of Hindusthan Educational Trust whose determination and dynamism made possible the realization of this institution of excellence. Surrounded with nature's pristine beauty and an excellent infrastructure coupled with dedicated and experienced faculty has made the campus a much sought-after abode of learning. HiCET is one of the premier technological institutions inculcating quality and value based education through innovative teaching learning process for holistic development of the Students. The institution is recognized under Section 2(f) and 12B of University Grants Commission (UGC) and is an autonomous institution affiliated to Anna University, Chennai with permanent affiliation for most of the programmes, approved by the AICTE and the Government of India. Accredited by the National Assessment and Accreditation Council (NAAC) with 'A' grade, National Board of Accreditation (NBA).

The Institute is ranked 146th in India Today Ranking and spotted as the Nodal Centre for Smart India Hackathon. One more feather in the crown is a Ford Eco sports car worth 22 lakhs gifted by Ford India and also the Best Accredited student Branch Award from Computer society of India. Further, Establishment and Innovations plays a major role in the academic year 2020-21 Centre of Excellence with Royal Enfield and Eicher Motors are established. The institution continues to be top in the country (National Rank-31 as per Education World Ranking 2021-22).

HiCET conducts seminars and also invites companies to give presentations that will help our students to choose a right career for themselves and has hence contributed to the industry by successfully delivering fresh recruits who have contributed continuously to the growth of the industry by being a part of the top-notch organizations. For all these reasons HiCET has been a preferred institute for recruiting young minds.

Currently, there are around 5000+ students pursuing various Undergraduate programs (B.E./B.Tech.), Postgraduate programs (M.E./M.Tech, MBA & MCA) and Ph.D. research programs in the Institution and are mentored by above 400 well qualified and experienced faculty members. HiCET nurtures future global leaders by imparting knowledge, skills and building attitudes among students to face the world in a fresh, energetic and unrestrictive work environment. In keeping view of the severity of COVID-19, the faculty members were able to gain and sustain student engagement by being creative with lectures that integrate props, student polling, and videos on online mode.

Call for Papers

The theme of the conference will be “Smart Systems and Solutions for Sustainable Future”. Besides contributions addressing the conference theme, ICSCSS also welcome authors to submit their original research results in traditional research topics across broad application and functional domains, within the context of intelligent and sustainable computing. The research areas include, but are not limited to:

Track – 1: Smart Technology and Infrastructure

- Sensors and actuators
- Smart infrastructure and governance
- Human Computer Interaction (HCI)
- Smart and autonomous systems
- Mobile and vehicular networks
- Business/web intelligence
- Computer vision and virtual environment
- Conversational AI, chat bots and virtual agents

Track – 2: Intelligent Systems

- Internet of Things (IoT)
- Artificial Intelligence (AI)
- Smart Cyber Physical Systems
- Machine learning
- Deep learning
- Pattern recognition
- Wearable systems
- Unmanned systems
- Neuro-computing and knowledge-based learning

Track – 3: Sustainable Computing

- Green computing
- Soft Computing
- Big data & data analytics
- Smart cities
- Sustainable high-performance systems
- Reconfigurable computing
- Sustainable informatics and optimization
- Complex systems: modelling and simulation
- Sustainable communication and security
- Blockchain for decentralized sustainable application

Paper Submission

Send your paper to icscss.conf@gmail.com (Send full manuscript in PDF + (MsWord / Latex Format))

ICSCSS 2025

Venue



Hindusthan College of Engineering and
Technology

Valley Campus, Pollachi Highway,
Coimbatore - 641 032,
TamilNadu, INDIA.

Contact

The Conference Chair,

International Conference on Sustainable Computing
and Smart Systems (ICSCSS 2025)

Hindusthan College of Engineering and Technology,
Coimbatore – 641 032,
Tamil Nadu, India

icscss.conf@gmail.com

+91-9790172385