

Organizing Committee

Chief Patron

Shri B. Prative Chend
Chief Executive Officer
CARE Group of Institutions

Patron

Dr. S. Shanthi
Principal
CARE College of Engineering

Conference Chair

Dr. A. Pasumpon Pandian
Professor, Dean (R&D)
IEEE SB Counsellor
CARE College of Engineering
Trichy, India.

Technical Program Chairs

Dr. Anand Nayyar, Professor, Researcher and Scientist in Graduate School, Duy Tan University, Da Nang, Vietnam.

Dr. Vivek Kumar Singh, Associate Professor, Department of CSE, BIET Hyderabad, India.

Dr. Ke-Lin Du, Affiliated Associate Professor, Department of Electrical and Computer Engineering, Concordia University, Montreal, Canada.

Dr. Xiao-Zhi Gao, Professor, School of Computing, University of Eastern Finland, Finland.

Dr. T. Muthumanickam, Chair - Aerospace and Electronic Systems (AES) Society, IEEE Madras Section.

Dr. D. Vinod Kumar, IEEE AES Madras Section and Professor, Bio Medical Engineering, VMU University, India.

Dr. Ramesh R Lekurwale, Professor and Head, Department of Mechanical Engineering, K. J. Somaiya College of Engineering, Vidyavihar, Mumbai, India.

Dr. Jinde CAO, Dean, School of Mathematics, Southeast University, Nanjing, China.

Submission Guidelines

Submit the paper to
icaiss.confdesk@gmail.com

Publication

All accepted and presented papers will be submitted for inclusion into IEEE Xplore subject to meeting IEEE Xplore's scope and quality requirements.

Technical Co-Sponsors



About the Conference

Augmented Intelligence plays a significant role in automating the everyday activities of human lives. Augmented Intelligence not only creates new opportunities but also results in developing greater challenges in establishing the sustainable engineering applications. Augmented Intelligence assists the next generation real-time applications to reduce their environment and societal impact by improving the efficiency and developing new real-time models. Therefore, the further research exploration on understanding the relationship between augmented intelligence and sustainable systems will help to develop next-generation applications. Sustainability is the greatest challenge in a variety of areas like artificial intelligence, augmented/virtual reality, robotics, IoT, agriculture, health, transportation, etc. It is believed that augmented intelligence, data analytics and data science have significant roles to play in evidence based systems to support sustainability, as well as providing a tool to continuously monitor and achieve the sustainable engineering goals.

About the College

CARE College of Engineering offers application oriented engineering courses with hands on training in one of the most conducive learning environments in India. It inculcates the value of life beyond curriculum and explores the full potential of the students. With the state of the art facilities and highly experienced and trained faculty members, our focus is on academics as well as holistic development of the students. Join CARE and step out into the real world as a true professional. CARE believes that the most promising opportunities for discovery exist at the intersections of disciplines, and that the technologies of the next century will grow out of multidisciplinary partnerships. CARE is committed to excellence in all its endeavours. Similarly, the leaders of tomorrow must be able to bridge multiple interests. Our teaching pedagogy ensures that students get exposed to a holistic approach to education, integrating physical, emotional and social development of our students.

Keynote Speakers

Dr. N. Kumarappan
Chairman, IEEE Madras Section and Professor, Department of Electrical Engineering, Faculty of Engineering and Technology, Annamalai University, Tamil Nadu, India.

Dr. T. Muthumanickam
Chair - Aerospace and Electronic Systems (AES) Society, IEEE Madras Section.

Dr. Anand Nayyar
Professor, Researcher and Scientist in Graduate School, Duy Tan University, Da Nang, Vietnam.

Dr. Joy Iong Zong Chen
Professor, Department of Electrical Engineering, Da-Yeh University, Changhua County, Taiwan.

Registration Fee Details

	Categories	IEEE Member	Non-IEEE Member
Indian Delegate	Student	₹ 5500	₹ 6000
	Research Scholar	₹ 6000	₹ 6500
	Academician	₹ 6500	₹ 7000
	Industry Delegates	₹ 6800	₹ 7300
	Listener	₹ 3300	₹ 3800
Foreign Delegate	Author	\$ 115	\$ 145
	Listener	\$ 105	\$ 125

Call for Paper

ICAISS 2022 envisions the goal of gathering the researchers and participants from academia as well as industries to present their research ideas, innovations and applications to address a variety of sustainability challenges across various domains to discuss the opportunities and challenges on sustainable engineering, augmented intelligence and its supporting tools. The conference will focus on how the augmented intelligence is utilized in achieving the sustainable solutions by sharing innovative ideas and techniques via interdisciplinary research.

Track-1: Artificial Intelligence

Artificial Immune Systems
Cognitive Systems and Applications
Computer Vision
Fuzzy Computing and Intelligent Systems
Multi-Agent Systems
Neural Network Theory and Architectures
Data Mining and Machine Learning Tools
Pattern Recognition
Knowledge-based Systems
Artificial Life
Advanced Optimization and Design
Artificial Intelligence for Modeling and Simulation
Evolutionary Computing Design
Expert Systems
Soft Computing

Track-2: Sustainable Systems

Green Computing and Communication Systems
Intelligent and Sustainable Networking
Sustainable Development Goals
Explainable Artificial Intelligence [XAI] for Sustainability
Benchmarking Sustainability
Green Data Centres
Sustainable Supply Chain
Sustainable Resource Scheduling, Allocation, and Management
Energy Efficient Design and Implementation
Cloud enabled AI for Sustainability
AI on Controlling Systems
AI for Decision-Support Models
Cognitive Radio Communication
Deep Learning for Sustainable Computing
Senor Network for Environmental Monitoring

VENUE

CARE COLLEGE OF ENGINEERING
#27, Thayanur
Dindigul – Trichy National Highway
Tiruchirappalli (Trichy) – 620009
Tamil Nadu, India.

CONTACT

Dr. A. Pasumpon Pandian
Professor, Dean (R&D),
CARE College of Engineering,
Trichy, India.
icaiss.confdesk@gmail.com
+91-9597324073

Organized by

IEEE Student Branch - CARE College of Engineering

&

Department of CSE,

CARE College of Engineering, Trichy, India

Conference Website:

<http://www.icaiss.in/>