

2024 INTERNATIONAL CONFERENCE ON**SOCIAL AND SUSTAINABLE INNOVATIONS IN TECHNOLOGY AND ENGINEERING
SASI-ITE'24****THEME: EMPOWERING FUTURE WITH VERSATILE TECHNOLOGIES**

Technically Co-Sponsored by

1st & 2nd March 2024**IEEE Conference Track No****IEEE Vizag Bay Section****#58663****CALL FOR PAPERS****for the special session****“SYNERGIZING SUSTAINABILITY: AI, CONTROL SYSTEMS, AND
ROBOTICS IN WASTE MANAGEMENT” - SASI-ITESS02**

Dear Sir/Madam,

Greetings.

Sasi Institute of Technology and Engineering, an ISO 2100-2018 certified NBA and NAAC accredited Institution is located in West Godavari district of Andhra Pradesh, India. The Institute is organizing 2024 IEEE International Conference on Social and Sustainable Innovations in Technology and Engineering-SASI-ITE'24. This conference is technically co-sponsored by IEEE Vizag Bay Section having Conference track No: #58663.

The conference provides an International platform for researchers from across the globe to present their path breaking research findings in the emerging technologies. We expect researchers and Ph.D. scholars from across India and globe to be present with us to share their innovative work.

Call for Original Paper

We welcome manuscript submissions for special sessions titled **Synergizing Sustainability: AI, Control Systems, and Robotics in Waste Management** in the following areas and not limited to:

AI-Enhanced Waste Collection Routes Optimization Using Control Systems, Robotics and AI-Driven Automation in Waste Sorting Facilities, Intelligent Bin Management: Control Systems for Smart Waste Collection, Robotic Applications in Waste Segregation and Recycling: A Control Perspective, AI-Guided Material Identification for Efficient Recycling Systems, Controlled Robotic Disassembly of E-Waste: Toward Sustainable Recycling, AI-Optimized Waste-to-Energy Conversion: Control and Robotics Innovations, Robotic Biogas Production from Organic Waste: Control and Efficiency, Circular Economy through Control-Driven Resource Recovery with Robotics, Controlled Landfill Monitoring with AI and Robotics for Environmental Safeguarding, Automated Robotics for Safe Landfill Management and Control, Drones, Control Systems, and AI for Remote Sensing in Landfill Monitoring, Policy and Regulatory Frameworks for AI and Robotic Waste Control Systems, Ethical Dimensions of AI, Control Systems, and Robotics in Waste Management, Human-Robot Collaboration in Waste Management: Control and Synergy, Inclusivity in Waste Tech: Accessible AI, Control, and Robotics Solutions

Instructions to Special Session authors

- All the papers submitted to the special sessions via common CMT portal only.
- All papers submitted to this conference via special sessions will be peer-reviewed and have the same process of review /acceptance and submission process.
- Hence authors are requested to send the details of the paper like **paper id, title of the paper, Special Session Id, full list of the author along with the submission date to the mail ids of the special sessions chairs** for their information within 2 days of the submission for special session follow-ups.
- For further instructions about special session proposals and guidelines visit our conference

Paper Submission Link: <https://cmt3.research.microsoft.com/SASIITE2024>**Note:**

All the peer reviewed, accepted and presented papers will be submitted for inclusion in IEEE Xplore subject to meeting IEEE Xplore's scope and quality requirements and Scopus Indexed.

Key Dates**Last Date for Paper Submission : 15th, December, 2023****Acceptance Notification : 31st, December 2023**Conference Website : <https://ite.sasi.ac.in/special.html>Conference Email: sasi_ite@sasi.ac.in**Contact****Dr. Soumya Ranjan Mahapatro & Dr. Nitish Katal**

Special Session Chairs,

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