

About the Institute

Sasi Institute of Technology and Engineering established in the year 2002 is today an autonomous ISO 21001-2018 certified having NAAC and NBA accreditation. It is located in lush greenery of paddy fields and vegetation, where education is imparted to create skilled engineers that meet the challenges of emerging technologies. It has 12 under graduate (AIML, CE, CSE, IT, CST, CSM, CDS, CIC, ECE, ECT, EEE & ME), 6 PG programs (CSE, VLSI & ES, CE & SP, PE, CAD/CAM, MBA) and three Diploma courses (DECE, DEEE, DME) supported by qualified faculty and state of the art labs. The career development center plays a pivotal role in campus placement in top notch multinational companies. The SITE consultancy awards paid internship to the students who work in the campus on live projects for American and Indian clients. The Center of Excellence (COE) and Memorandum of Understanding (MOU) with universities and industries provide an ideal platform for collaboration that helps students gain employability through customized training.

About the Conference

The primary objective of the first IEEE International Conference on Social and Sustainable Innovations in Technology and Engineering – SASI-ITE'24 is to bring together the Professionals, Researchers and Academicians around the globe on a single platform in sharing knowledge that transforms societies through innovations. This is a place where intellectuals from diverse areas of research meet and collaborate towards addressing the emerging challenges and their possible solutions. The stakeholders from Industry and Academia will share their ground-breaking research findings that will propel/activate a different thought process in proposing solutions for the welfare of the humanity at large.

About Vizag Bay Section

Vizag Bay Sub-Section (R0014902) is formed on 19-Feb-2011 with the geographical boundaries of Srikakulam, Vijayanagaram, Visakhapatnam, East Godavari, West Godavari and Krishna Districts of Andhra Pradesh, India. Vizag Bay Section (R00150) is 12th Section in India and 59th Section in R10 and now it is a full section doing various activities to transfer knowledge in IEEE Designated fields. It is committed to provide a platform to the researchers to share their innovative ideas to the technical community by technically co-sponsoring the IEEE conferences in Vizag Bay Section geographical boundaries.

Important Dates

Short Papers / Full Papers, Poster Presentation Submission
Opens: 01-February-2023
Closes: 02-October-2023
Last date for sending Special Sessions, Workshop and Tutorial
Proposals : 04-September-2023
Proposal Acceptance : 06-September-2023
Notification of Acceptance: 30-October-2023
Early Bird Registration Opens : 01-November-2023
Closes : 15-November-2023
Registrations (All categories) Close: 30-November-2023
Camera Ready Paper Submission Opens : 16-November-2023
Closes on 31-November-2023

Contacts

General Queries

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International delegates and VISA related Queries:

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Conference Committees

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Poster Presentation

Dr. M. Parthiban

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INSTITUTE OF
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2024 INTERNATIONAL CONFERENCE ON SOCIAL AND SUSTAINABLE INNOVATIONS IN TECHNOLOGY AND ENGINEERING SASI-ITE'24

IEEE CONFERENCE RECORD: #58663

Theme:

**Empowering Future with
Versatile Technologies**

4th - 6th
January
2024



Technically Co-Sponsored by

IEEE Vizag Bay Section

Manuscripts submission link:

<https://cmt3.research.microsoft.com/SASIITE2024>

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For more details Visit our Conference Website:

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Submissions



Organised By

Sasi Institute of Technology & Engineering (A)

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Recognized by **UGC** under section 2(f) & 12(B),

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Registration

Early Bird Author Registration

IEEE Members: Rs 5,000 / 150 USD

Non-IEEE Members: Rs 6,000 / 200 USD

IEEE Student Members: Rs 3,000 / 100 USD

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(Please see the note below)

Author Registration from 16 November 2023

IEEE Members Rs 6,000 / 200 USD

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Non-IEEE Student Members Rs. 3,500 / 100 USD

(Please see the note below)

Non - Author Registration

All: Rs 6,000 / 200 USD

IEEE Student Members Rs 2,000 (No Conference Kit)

Non-IEEE Student Members Rs. 3,000 (No Conference Kit)

(Please see the note below)

The above Registration is exclusive of taxes and the applicable taxes will be added, when the payment is done.

Example: If you are paying Rs. 5,000 under IEEE Member Early Bird Category, You will have to pay as follows:

Registration fee Rs. 5,000-00

GST @18% i.e. 5000+18% = 900.00

Payment gateway Collection Charges extra.

Note:

1. Every paper accepted MUST be presented during the conference and atleast one registration at the Full IEEE Member/Non-IEEE Member rate is mandatory. Explanation: A paper could be authored from IEEE-Members/Non-IEEE Members/Students. Every paper accepted MUST have attached to it at least one registration at the full member /nonmember rate. Thus, for a paper for which all authors are students, one student author will be required to register at the full registration rate. Failure will result in removal of your paper from the proceedings and will not be submitted to IEEE Xplore for consideration.
2. Papers with only student registrations will not be accepted for presentation and will not be submitted to IEEE Xplore for consideration.
3. With one Full Registration maximum two papers can be presented.
4. If there are more than two papers, the registration fee is computed as One Full Registration + [No. of papers 2]/2.

Contact:

Sri Bunga Kiran Kumar, +91 97011 87001

Sponsorship

PLATINUM Rs. 5,00,000

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Opportunity to speak 30 minutes and present their company product (Subject to logistics) on the Inaugural dais

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BRONZE Rs. 50,000

[Workshop/tutorials/Session/Exhibition stall]

[Logo will be placed in one Session Banner, Two delegate Registrations free (Non-Authors) and inclusion in IEEE Xplore]

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Call for Reviewers

<https://tinyurl.com/SITE-ITERviewer>

Instructions to Authors

1. Authors are invited to submit 4-6 page manuscript in double-column IEEE format
2. Manuscripts must be written in English and follow the instructions from the following pages. Manuscript templates are located at <https://www.ieee.org/conferences/publishing/templates.html>
3. Plagiarism details at <https://www.ieee.org/publications/rights/author-rightsresponsibilities.html>
4. Copy Right Information at <https://www.ieee.org/publications/rights/copyright-policy.html>
3. Only Electronic submission in PDF format will be accepted.
4. Change of Name of the author(s), Change in order of the author(s) names, Addition or Deletion of author(s) will not be entertained after the deadline of the manuscript submission.
5. There should be only one corresponding author and he/she should not change this e-mail id all through the conference process.
6. The manuscript should not contain author name(s), affiliations, email ids. The specified space need to be blank. After the manuscript is accepted, the author names, affiliations, e-mail ids can be incorporated in the camera ready paper.
7. Any violations on the above will lead to removed from the proceedings of the conference and will not be sent to IEEE Xplore for consideration.
8. All paper submissions will be undergo double blind review by at least two/three experts and reviews will be returned to the author(s) with comments that need to incorporated in the camera ready paper.
9. The authors of accepted papers must guarantee that their paper will be presented at the conference
10. Submit only the original material where copyright is owned by the authors and is not currently under review elsewhere in any form.

Special Sessions

Proposals for special sessions are required to contain the following information:

- (1) Title for the proposed special session
- (2) One page summary of the special session including its motivation and goals
- (3) List of organizers (names, affiliations, e-mail ids, mobile numbers and short bio). There is a two-page

limit for each proposal. Selected special sessions will be announced through the conference and will be open for submission to everyone.

All papers will be peer-reviewed and have the same process of review /acceptance and submission. The difference is that they will appear in a single lot in a single session. The organizers (max two) will be Chairs for the proposed special session. The organizers may recommend few reviewers. The minimum number of

papers that are to be registered are eight per special session.

Contact:

Dr. CRS Hanuman, crshanuman@ieee.org, +91 90002 74766,

Last date to submit proposal: 04th September, 2023

Proposal Acceptance notification : 06th September, 2023

Workshop/Tutorials

Proposals for Workshop/Tutorials are to be co-located with SASI-ITE'24 and required to contain the following information:

- (1) Title for the proposed workshop / Tutorials
- (2) One page summary of the workshop / Tutorials including its motivation and goals
- (3) List of organizers (names, affiliations, e-mail ids, mobile numbers and short bio). There is a two-page

limit for each proposal. Selected special sessions will be announced through the conference and will be open for submission to everyone. All papers will be peer-reviewed and have the same process of review

/acceptance and submission.

Contact:

Dr. E. Aswani Kumar, aswaniatsasi@gmail.com, +91 94917 23561(W)

Sri. A. Kabir Das, akabirdas@sasi.ac.in, 9000560323(T)

Last date to submit proposal: 04th September, 2023

Proposal Acceptance notification : 06th September, 2023

Poster Presentation

SASI-ITE'24 technical program solicits poster abstracts that present recent or ongoing work in a poster session and it must be original, unpublished, and cannot be simultaneously submitted to other processes. The areas of interest for the poster session follow the regular paper submission tracks and the theme of the conference. Selected posters based on novelty will be called for Poster Session, Best poster will be selected based clarity of presentation, technical merit, impact and oral presentation.

Contact: Dr. M. Parthiban, parthimitit@ieee.org, 7708801381

Call for Papers

We welcome submissions for SASI-ITE'24 technical program in the following areas and not limited to: **Track 1: Data Science & Engineering** : Big Data Analytics, High Performance Computing, Computational Biology & Bioinformatics, Data Centric Programming, Data Modelling & Semantic Engineering, Data, Text, Web Mining, & Visualization, ·Domain Specific Data Management, Knowledge Engineering **Track 2: Computing Technologies** : Algorithms, Programming Languages, Computing Architectures and Systems, Computer Graphics, Vision and Animation, Software and Database System, Multimedia Engineering, Networks, IoT and Cyber Security, Cluster, Cloud, & Grid Computing **Track 3: Computational Intelligence** : Data Mining, Neural Networks and Deep Learning, Meta heuristic algorithms, Machine Learning, Business Intelligence, Human Computer Interface, Crowd Sourcing & Social Intelligence

Track 4: Communication & Networking : Green Communications, Wireless Communications and Networks, Optical Communications and Networks, Modulation and Coding Techniques, Ad-hoc, Mesh and Sensor Networks, Vehicular Networks, Cellular Networks

Track 5: Signal & Image Processing : Image / Video / Multimedia Signal Processing, Audio / Speech / Spoken Language Processing, Digital & Multirate Signal Processing, Signal Processing Algorithms and Architectures, Pattern Recognition and Object Tracking, Compressive Sensing and High-Dimensional Statistics

Track 6: RF Circuits, Systems and Antennas : Antennas, Propagation and Computational EM, RF/Millimeter-wave Circuits and Systems, THz, Micro Wave and RF Systems for Communications, Materials and Structures, Microwave Metrology, RF and Microwaves in Medicine and Biology

Track 7: Devices, Circuits, Materials and Processing : Electronic devices, materials and fabrication process, Device modeling & characterization, ·Advanced CMOS devices and process, ·Beyond CMOS device technology, Emerging memory technologies, Analog and mixed signal ICs, MEMS and semiconductor sensors

Track 8: Power, Energy and Power Electronics : Power Generation, Transmission and Distribution, Renewable Energy Sources and Technology, High Voltage Engineering, HVDC-FACTS, Switching Circuits & Power Converters, Power System Monitoring, Control and Protection, Micro Grids& Distributed Generation, Control Communication and Monitoring of Smart Grid, Energy Storage System

Track 9: Robotics, Control, Instrumentation and Automation : Humanoid robots, Mobile robotics, Space and underwater robots, Control system modeling, Intelligent control, Neuro-control, Fuzzy control and their applications, Networked control systems, Instrumentation systems, Industrial automation **Track 10: Sustainable Innovations and Practices** : Sustainable Materials, Sustainable Practices and Innovations in Civil Engineering, Applications of Advanced Soft Computing Techniques in Civil Engg., Sustainability Assessment Framework, Sustainable Cities and Society, Challenges in Sustainable Development, Weather forecasting Climate Change Studies, Advances in real-time flood forecasting

Awards and Grants

We offer few free registrations, if the paper is selected as best paper category and authored by a student as primary author. a special award for the “Theme Paper”, which is closer to the theme mission and vision and authored by a student as primary author. Travel grants will be given to the selected papers in each track.