ABOUT THE INSTITUTION

Sasi Institute of Technology & Engineering (Autonomous) is not just one more engineering college. It's a college with a difference. It has made its presence felt more with its academic discipline, results and the achievement of its students. Though started a few years back i.e. in 2002, it has set to compete with the best in the state. Providing the best education in engineering and technology and following the systems that Sasi has developed over two decades, it has made its mark already in the minds of millions. The campus is located amid lush green fields in the spacious area of 28 acres offers world class facilities. It is well connected to rail and road transport.

It has become the first choice for any company that wants to recruit the best students with strong technical and soft skills. Naturally, it is the best choice for many parents who want to keep their wards in the safest and best academic environment. Treated the best in coastal belt of Andhra Pradesh for professional education, Sasi stands with highest success rate not only in academic lines but also in placements.

ABOUT IEEE VIZAG BAY SECTION

Vizag Bay Sub-Section (R0014902) which is an very active section formed on 19-Feb-2011. Then it was elevated as a full section named *Vizag Bay Section* (R00150) as 12th Section in India and 59th Section in R10, recommended by IEEE Hyderabad Section, endorsed by IEEE R10 and approved by MGA with the geographical boundaries of Srikakulam District, Vijayanagaram District, Visakhapatnam District, East Godavari Dist, West Godavari Dist. of Andhra Pradesh, India. Now it is one of the larger section in India having more than 1600 IEEE members. IEEE Vizag Bay Section is very active and committed to enhance the knowledge of IEEE members in the IEEE designated areas.

ABOUT THE SITE IEEE STUDENT BRANCH

Sasi Institute of Technology & Engineering (Autonomous) IEEE Student Branch (STB64284) was inaugurated on 12-10-2016. After that Computer Society, Power and Energy Society (PES) and Signal Processing Society(SPS) were started on 2018, 2020 and 2021 respectively. SITE IEEE student branch is very active and vibrant. It is maintaining good IEEE members strength from last four years. SITE IEEE Student Branch received 1450 USD for conducting Professional Communication workshop from IEEE. Members from this SB volunteered various IEEE events and contributing to the section activities. It is committed to provide technological updates to all engineering communities in around the colleges. Our SB organized various events, competitions, workshops, and seminars to enhance the skills of our IEEE Student Members

ORGANIZING COMMITTE

Patrons

Sri. B. Venu Gopala Krishna
Chairman, Sasi Group of Institutions
Sri. M. Narendra Krishna
Vice-Chairman, Sasi Group of Institutions
Dr. K. Bhanu Prasad
Director, Sasi Institute of Technology & Engineering

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Dr. E. Aswani Kumar, SMIEEE

Project Expo Link

https://ite.sasi.ac.in/Project_expo.html

QR code for website

2024 International Conference on
Social And Sustainable Innovations In Technology and Engineering
SASI-ITE'24

23-25, February, 2024
THEME: EMPOWERING FUTURE WITH VERSATILE TECHNOLOGIES

Technically Co-sponsored by
IEEE Vizag Bay Section

PROJECT EXPO'24

A Technical Program of SASI-ITE'24
A hunt for innovative projects

Registration Link

https://forms.gle/79sCWwZgz8ATjzr48

Last Date for Registration
25th January, 2024

Registration QR Code

organized by

Sasi Institute of Technology & Engineering(A)

Accredited by *NAAC* with 'A' Grade, Accredited by NBA (CSE, IT, MECH), Approved by *AICTE* - New Delhi, Recognized by under section 2(f) & 12(B), Permanent Affiliations from Ranked as A Grade by Govt. of AP.

Tadepalligudem, West Godavari District A.P. 534101
Visit: www.sasi.ac.in

ADVISORY / JURY PANEL MEMBERS

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Secretary, IEEE Vizag Bay Section

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Dr. B V S S D Sekhar
Chair, Education Society, IEEE Vizag Bay

Dr. V S S S Chakravarthy
Chair, COMSOC/SPS Jt. Chapter, Vizag Bay

INSTRUCTIONS TO PARTICIPANTS

- An innovative & novel Product / Prototype / Model from any Engineering / Management discipline can participate.
- Aspirants to this expo are requested to submit two page write up along with details of the work using registration link.
- College / University ID card is mandatory for registration
- After preliminary verification, selected participants will be informed through mail.
- Payment shall be done after the confirmation mail.
- An exhibit may be individual or team of maximum two.
- Project evaluation will be based on novelty, innovation, technology, societal impact and green initiatives
- Top 3 will be selected from both Emerging and Sustainable Engineering category.
- Exhibits may be either Hardware / Software / Simulation / Poster presentation.
- Exhibits are requested to bring all the necessary components required for their product.
- After confirmation mail, every team has to register for participating in the exhibition.
- All the participants will get participation certificates from IEEE, best projects will be awarded with attractive prizes worth of 50000 with appreciation certificates.
- Project expo will be visited by Schools and Intermediate students in and around Tadepalligudem.

PROJECT TOPICS (but not limited)

CATEGORY I: EMERGING ENGINEERING

1. Block Chain
2. Criminal Science & Forensics
3. Cyber Bullying
4. Data Analytics& Statistics
5. Identity Theft & Protection
6. Fraud Detection
7. Robotics and Drones
8. Speech Recognition
9. Power Systems Engineering
10. Energy Engineering
11. Green Technology
12. Electrical Engineering
13. Strategic Civil Infrastructure
14. GIS & Remote Sensing
15. Construction Technology
16. Mining & Mineral Processing
17. Control Systems & Sensors Tech.
18. Organ Printing Technology
19. Electric Vehicles
20. Low cost desalination
21. Photonics
22. Molecular Manufacturing
23. Alternate Fuels
24. Real Time Translation

CATEGORY II: SUSTAINABLE ENGINEERING

1. Sustainable Green Energy
2. Sustainable Biology
3. Sustainable Agriculture
4. Sustainable Aquaculture
5. Sustainable Horticulture
6. Sustainable Health and care
7. Sustainable Biology
8. Sustainable Conservation
9. Sustainable Geography
10. Sustainable Human Geography
11. Sustainable Social Studies
12. Sustainable Cities
13. Disaster Management
14. Food Technology
15. Coastal &Offshore Engineering
16. Waste Technology
17. Climate Sciences
18. Mining & Mineral Processing
19. Underground Space Utilization
20. Bio similar Technology
21. Genome Engineering
22. Precision Health Technology
23. Control Systems & Sensors Tech.
24. Earthquake Engineering
25. Aqua-food technology
26. Organ Printing Technology
27. Drug Engineering
28. Cellular Agriculture
29. Synthetic Biology
30. Bio-mimetic

REGISTRATION FEES

- **Rs. 800/- for a team of IEEE Members.**
  (valid IEEE Membership certificate is required)
- **Rs. 1000/- for other teams**

Note: Registration fee includes lunch for two days

WHO CAN ATTEND?

UG / PG/ Research scholars of all Branches of Engineering, Technology and Management

PRIZES

CATEGORY I: EMERGING ENGINEERING

First Prize   –   10,000/-
Second Prize –   7,000/-
Third Prize   –   5,000/-

CATEGORY II: SUSTAINABLE ENGINEERING

First Prize   –   10,000/-
Second Prize –   7,000/-
Third Prize   –   5,000/-

Note:
Gifts worth of prize amount will be given.

IMPORTANT DATES

Last date for sending the ideas: *25th Jan, 2024*
Selection Intimation: *27th Jan, 2024*
Last date for registration: *9th Feb , 2024*
Dates of Project Expo: *24th & 25th Feb, 2024*

VIZAG BAY SECTION WEBSITE
https://r10.ieee.org/vizagbay/

INSTITUTE WEBSITE
https://www.sasi.ac.in

CONFERENCE WEBSITE
https://ite.sasi.ac.in

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