

NEWS LETTER

BITES-2024
18th-20th Dec

1.

We are thrilled to share our highlights from the International Conference on Biological Innovation, Technology, Engineering, and Sciences at NIT Rourkela. This prestigious event brought together esteemed researchers, academicians, and industry leaders to discuss groundbreaking advancements in the field of biological sciences.

At BITES, IOTA had the incredible opportunity to showcase our flagship innovation, the "Bio Erector", to an esteemed audience, including Prof. Dharendra S. Katti, Director, IIT Goa, and other distinguished speakers. Demonstrating our work at such a high-profile platform reaffirmed our commitment to driving innovation and excellence in the realm of biotechnology.



Insights from Our CEO at BITES-2024

2.

A significant moment of pride was when our CEO, Pradeep Kumar Verma, took the stage as a speaker. He captivated the audience by sharing his inspiring journey and offering profound insights into **interfacing engineering with life sciences**, a synergy that led to the creation of the Bio Erector.



Sponsoring BITES-24

18th-20th Dec

3.

We are also proud to have **sponsored this event**, contributing to an enriching environment where ideas flourished and visions for the future of biological innovation were shaped. This conference has been an invaluable experience for IOTA, providing us with inspiration, insights, and connections that will undoubtedly fuel our journey forward. We extend our heartfelt gratitude to the organizers, participants, and delegates for making BITES-2024 an event to remember.



Transforming Research: Bio Erector Now at ₹5 Lakhs

4.

We are excited to announce that our cutting-edge 3D bioprinter, the "Bio Erector", is now available at a reduced price of ₹5 lakhs. Designed for breakthroughs in tissue engineering, regenerative medicine, and pharmaceutical research, it offers advanced technology at an affordable cost. This is the perfect opportunity to elevate your research capabilities.



Exciting Development

18th-20th Dec



Shri Bichitrananda Behera, General Manager of Mahanadi Coalfields Limited (MCL), has expressed keen interest in IOTA's innovative Dry Eye Disease (DED) device.

- **About DED:** Late recognition often leads to severe complications, including high morbidity and vision loss.

Our Device Features:

- AI-enabled blinking rate monitor: Captures blinking rate and analyzes it via a mobile app.
- Severity grading: Predicts DED severity levels using AI and algorithms.
- Treatment suggestions: Recommends artificial tears with a self-drop dispensing system.
- An all-in-one solution for monitoring, diagnosing, and assisting in treating DED.
- Shri Behera's insights provided a fresh perspective on the device's applications, opening doors to potential collaborations.

Key Feedback: The device has the potential to be used for truck drivers where it can assess the drowsy or alcoholic state to avoid road accidents.

SAE participated in the NITRAA BLR Global Summit in Bengaluru, with distinguished guests including **Shri Debashis Chatterjee** and **Shri N. R. Mohanty**. The summit's theme, "**Inspire, Innovate & Integrate**," allowed SAE to showcase its work and connect with NITR alumni, industry experts, and potential investors. Featured in the Digital Souvenir, event website, and Startup Repository, SAE gained valuable exposure. The summit offered insightful opportunities and strengthened SAE's future growth and partnerships. The experience has opened doors to new possibilities and further strengthened its position in the global tech community.

Get in touch.

+91 9205368621

info@sae.today
sae.today.dev@gmail.com

<https://sae.today>

Branch Office: FTBI-NIT Rourkela, Odisha, 769008, INDIA
Head Office: #10, CrAdLE-EDII, Bhat, Gandhinagar, Gujarat, 382428, INDIA

Empower Your Business and Change The World
by the Genuine response from SAE Platform

Because
Your Opinion Matters !!

SAE Genuinely
Your Opinion Matters !!

A revolutionary way to collect opinions/surveys.

WWW.SAE.TODAY

Rourkela Business Conclave '24

December

SAE Genuinely, the innovative voice-based survey platform, made its mark at the Rourkela Business Conclave 2024 at the Airport Grounds, Rourkela.

Union Minister of Tribal Affairs Shri Jual Oram, Hon'ble Minister for Skill Development & Technical Education **Shri Sampad Chandra Swain**, and Hon'ble Minister for Fisheries & MSMEs **Shri Gokulananda Mallik** praised SAE's groundbreaking approach to data collection.

The app's ability to capture accurate, voice-based inputs ensures accessibility and inclusivity, earning recognition as a transformative tool for smarter, data-driven decision-making.



SURVEY AT BITES'24

18th-20th Dec

At the BITES-2024 conference, SAE conducted a comprehensive survey among attendees, providing us with valuable insights into the age, interests, and satisfaction levels of the participants. This feedback has been instrumental in helping us understand our audience better, enabling us to align our innovations and outreach efforts more effectively with their expectations and needs.

SURVEY OPTED BY A PROFESSOR

SAE assisted a professor from NIT Rourkela in conducting a vital survey on Mobility Aids and Elderly Accidents, revealing that **6-10% of aged individuals experience major or minor accidents while using aids like walkers and sticks**. With India projected to have the highest aging population by 2050, such studies are critical in addressing the safety and usability of mobility aids. This survey not only highlighted the pressing need for innovation in this sector but also provided SAE with invaluable insights into the challenges faced by elderly users, allowing us to explore avenues for impactful solutions.

