



Dear Patrons

2024 has been a year of remarkable success for IESA, as we drove innovation, forged impactful partnerships, and played a pivotal role in advancing India's position as a global technology leader. As we step into 2025, we reflect on our achievements and the milestones that have shaped our journey. One of the year's key highlights was the IESA **Mid-Year Member Meet 2024** on December 3rd, which showcased our collective commitment to growth and innovation in India's ESDM and semiconductor ecosystem.

The event witnessed the induction of 87 new members in 2024 and the announcement of a strategic partnership with **ELCIA (Electronics City Industries Association)**. This collaboration is set to establish a Centre of Excellence for Sensors, driving innovation, fostering product development, and reducing India's dependence on imports. During the meet, we also highlighted IESA's critical role in positioning India as a global semiconductor leader and IESA member communities commitment of **\$20+ billion in investments**, with a focus on local manufacturing under the India Semiconductor Mission (ISM). We were proud to have hosted industry luminaries such as **Dr. Debabrata Das** (Director, IIT Bangalore), **Mr. Vinod Subramanian** (VP, Invest India), and **Shri BV Naidu** (Chairman, KDEM), whose insights have further energized our mission. Progress of IESA's Strategic alliance with SEMI was also shared along the positive impact on IESA, SEMI and it's members and Nation Building approach.

Under the leadership of **Dr. V Veerappan** (Chairman, IESA), **Mr Ashok Chandak** (President, IESA) and Executive Council, we continued to strengthen its global presence in 2024. Participating in the **SEMI International Policy Summit (SIPS)** in Tokyo, Dr. V Veerappan represented IESA in discussions on talent development and sustainability in the semiconductor sector. Our efforts in domestic collaboration were equally impactful. IESA actively supported Odisha's ESDM growth, Continued Momentum in Karnataka, explored Gujarat's investment opportunities, and worked towards strengthening the ESDM sector in Madhya Pradesh.

Furthermore, we celebrated a major industry milestone with **Suchi Semicon Pvt Ltd's** setup of semiconductor OSAT (Outsourced Semiconductor Assembly and Testing) facility in Surat, aligning with the Atmanirbhar Bharat vision. Our partnerships with **Texas Instruments, Toho International, and Cyient**, along with collaborations such as **SEMI** and the **Dutch foreign ministry** hosting **Indo-Dutch Semiconductor School 2024**, have strengthened India's global integration into the semiconductor value chain.

We celebrated numerous milestones in CY 2024, expanding our impact across academia, government, and industry. We hosted **69 events**, with **392 social media posts** generating **1.2 million+ impressions, 160,000 clicks**, and an impressive **57% engagement rate**. Expanding Media & Public Engagement, IESA achieved 396 Media Coverages (244 online articles, **141 print mentions, 9 TV appearances & 2 radio features**). We achieved a digital reach of over **24,000 followers** and steered key policy discussions with central and state governments, including engagements with **MeitY, PSA, and NITI Aayog**.

As we look ahead to 2025, our vision remains clear: to accelerate India's growth in the ESDM and semiconductor sectors through innovation, collaboration, and excellence. With the support of our valued members, partners, and stakeholders, we are poised to make the upcoming year even more remarkable. Here's to innovation, collaboration, and a prosperous new year!



Yours Sincerely
Ashok Chandak
President, IESA



Yours Sincerely
Dr. V Veerappan
Chairman, IESA

PR Coverage Summary: December Highlights

- Over 50 unique initiatives were communicated across print, online, and social media platforms.
- Major media outlets, including The Hindu, Deccan Herald, Business Standard, and ET Tech, featured IESA's quotes, exclusive interviews, and key insights.

Highlights included:

- 'The Year That Was' campaign and new member announcements, positioning the organization as a leading voice for the semiconductor industry and its stakeholders.
- Exclusive interviews with IESA leaders on India's semiconductor policy and industry growth.
- Features on India's advancements in semiconductor manufacturing and ESDM ecosystem developments.

Social media performance remained strong:

- LinkedIn and Twitter generated over 62,000 impressions and 12,100 clicks.
- The LinkedIn community expanded further, reaching 24,120 followers.
- Top-performing posts included key industry announcements and leadership insights.

Stay updated on IESA's progress by following us on LinkedIn and Twitter, and help amplify our reach by sharing posts. Your support continues to strengthen IESA's voice within the industry.

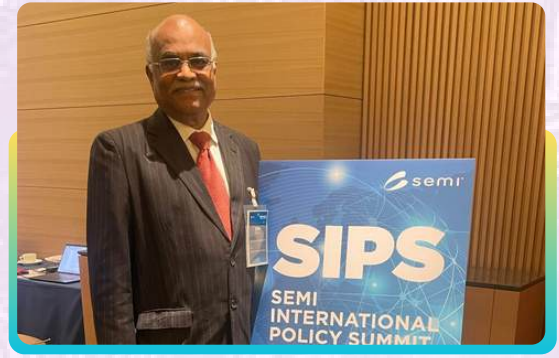
[View PR Coverage Summary](#)

UPCOMING EVENTS

- Making India Semiconductor Develop Nation – Saptarshi Academy, Ahmedabad – 03rd Jan 25
- ESDM ecosystem opportunities and need for skill development, Marwadi University, Rajkot – 24th Jan 2025
- Utkarsha Odisha , Inaugurated by Hon'ble PM of India- 28 and 29 Jan 2025
- IIIT B Campus Connect Session – Feb 2025

Highlights from Semi International Policy Summit (SIPS) 2024, Tokyo

IESA, participated in the Semi International Policy Summit (SIPS) in Tokyo, Japan, on December 10, 2024, represented by Dr. V Veerappan. The summit fostered global collaboration between policymakers and industry leaders from 14 countries. Key discussions included talent development strategies to double the semiconductor workforce by 2030 and sustainability initiatives addressing climate challenges. Dr. Veerappan's presence underscored IESA's commitment to positioning India as a pivotal player in the global semiconductor and electronics ecosystem.



IESA Driving Indo-Dutch Semiconductor Collaboration

IESA, in partnership with the Dutch Ministry of Foreign Affairs, TU Eindhoven, and MeitY, organized Day 1 of the Indo-Dutch Semiconductor School 2024 on 9 December 2024 in an online format. The program aims to foster collaboration in the semiconductor ecosystem between India and the Netherlands. Highlights included a presentation by Mr. Anku Jain, IESA Executive Board Member, on India's semiconductor landscape and opportunities for talent exchange, along with insights from Dutch industry and academia.

Bangalore Roadshow: Highlights of IESA's Commitment to Odisha's ESDM Growth

On 12 December 2024, IESA proudly partnered with the Government of Odisha for the Bangalore Roadshow, reinforcing its commitment to policy advocacy and industry collaboration. Led by Dr Mukesh Mahaling, Mr Manas Panda and supported by senior officials, the delegation showcased Odisha's investment-ready ESDM ecosystem. Dr. V Veerappan (IESA Chairperson), Ashok Chandak (IESA President) and other IESA EC Members engaged in strategic discussions on scaling Odisha's ESDM initiatives, including policy updates, skilling programs, and infrastructure development, fostering a robust roadmap for the state's ESDM growth.



IESA Member Company "Suchi Semicon" Expands Semiconductor Facility in Surat

Suchi Semicon Pvt Ltd has announced the expansion of its semiconductor OSAT (Outsourced Semiconductor Assembly and Testing) facility in Surat. The inauguration ceremony was attended by Shri C R Paatil, Union Minister of Jal Shakti; Shri Harsh Sanghavi, Minister of State for Home, Industries, Transport, Youth & Sports, Government of Gujarat; and other dignitaries. Dr V Veerappan, and Ashok Chandak, senior government and industry leaders commended the company's efforts in advancing India's semiconductor sector, aligning with the Atmanirbhar Bharat vision.



MPSEDC Promotes Investment Opportunities in the ESDM Sector

Ms. Awantika Varma, Officer-in-Charge of Investment Promotion at MPSEDC, visited Gujarat to engage with key industry players and present Madhya Pradesh's investor-friendly policies for the ESDM sector. The IESA Gujarat Chapter facilitated productive meetings with select companies, alongside NAMTECH and JICA, fostering collaboration and exploring growth opportunities. This initiative highlights MPSEDC's commitment to driving investment and strengthening the ESDM ecosystem in Madhya Pradesh.



Announcing Strategic Partnership Between IESA and ELCIA

IESA and ELCIA have joined forces in the month of December to advance sensor product development and manufacturing in India. This collaboration marks the establishment of a Centre of Excellence for Sensors, dedicated to cutting-edge technologies such as MEMS, NEMS, IR, UV, and laser-based sensors. The initiative aims to reduce import dependency, foster innovation, create employment opportunities, and position India as a global leader in the sensor domain, with the market projected to grow to ₹31,000 Cr by 2027.



IESA Shines at TiE Global Summit 2024

IESA played a key role at the TiE Global Summit 2024 held in Bangalore from December 9–12, contributing to the growth of India's ESDM sector. Mr. Sanjeev Keskar, IESA EC Member, curated the ESDM track, while Mr. Ruchir Dixit, IESA Vice-Chairman, led a fireside chat with DG STPI, Shri Arvind Kumar. Former IESA Chairperson Mr. BV Naidu, Ex-EC Member Mr. Ganapathi Subramaniam, and other members shared valuable insights. IESA's efforts were lauded for their critical contributions to the industry's growth and innovation.

IESA Hosts Toho International Delegation to Strengthen Semiconductor Collaboration

IESA had also the privilege of hosting the Toho International Inc. delegation at its Bengaluru head office on the same day. Led by Mr. Tomakazu Yamashita (Deputy General Manager, Export Division) and Mr. Katsuya Tobinaga (President), the delegation engaged in meaningful discussions on key semiconductor projects. IESA shared updates on India-specific research and provided a preview of Vision Summit 2025, which aims to shape India's ESDM landscape. Dr. Veerappan (Chairperson) and Ashok Chandak (President) emphasized IESA's commitment to fostering collaboration and innovation in India's semiconductor ecosystem.



Collaborative Dialogue: IESA, KDEM, and Texas Instruments Leaders Discuss India's Semiconductor Future

On December 17, 2024, IESA, led by Dr. Veerappan (Chairperson), along with Shri Sanjeev Kumar Gupta and Sunil G. Acharya from the Karnataka Digital Economy Mission (KDEM), hosted Stephen Bonner (VP, Worldwide Government Relations, Texas Instruments). This engaging session, guided by Shri Rajeev Khushu (IESA EC Member), highlighted India's evolving semiconductor ecosystem and its growing global significance. KDEM reaffirmed its commitment by extending comprehensive support to Texas Instruments' initiatives in Karnataka, further solidifying the state's role in India's ESDM growth.

Inspiring Future Talents at SMTVIP 2024, Kalasalingam University

IESA Chairperson, Dr. V. Veerappan, inaugurated the 'DST-SERB Sponsored International Conference on Sustainable Materials and Technologies in VLSI and Information Processing' (SMTVIP 2024) at Kalasalingam University as part of IESA's Campus Connect outreach program. During the Guest Session, Dr. Veerappan shared valuable insights on Semicon Fusion, focusing on trends, technologies, and talent in the ESDM sector. The program aimed to provide an overview of the domain and inspire students to consider careers in this promising field.



IESA in Strategic Collaboration with Cyient: Powering India's Semiconductor Dream

Advancing India's semiconductor aspirations, IESA and Cyient are forging a transformative collaboration. Dr. Veerappan VV (IESA Chairperson) recently hosted Mr. Sunil Walia (VP & Head of Global Sales - Semiconductor, Cyient) for a high-impact discussion, joined by Shri Ved Prakash Mall (IESA Director of Sales and Marketing) and Mr. Manoj Nagesh (Cyient Semiconductor Sales Lead). The discussions centered on innovative strategies to enhance technical capabilities, drive industry growth, and position India as a global leader in the semiconductor sector.

IESA 2024 Recap



As we enter into 2025, let's take a moment to reflect on the incredible milestones achieved by the India Electronics and Semiconductor Association (IESA) in 2024. Here's a comprehensive list of the events, initiatives, MoUs, government interactions, and chapter meets that defined our year:

MoUs Signed

- **SEMI-IESA MoU:** Advancing India's semiconductor ecosystem through global collaboration.
- **FICCI-IESA MoU:** Establishing joint task forces for critical and emerging technologies.
- **KDEM-IESA MoU:** Boosting innovation and infrastructure in Karnataka for economic growth and job creation.
- **SSIA-IESA MoU:** Strengthening India-Singapore ties in the semiconductor industry.
- **MPSEDC-IESA MoU:** Developing a robust ESDM ecosystem in Madhya Pradesh.
- **ELCIA-IESA MoU:** Advancing sensor technology, promoting local manufacturing and reducing import dependency.

Government Interactions

- MeitY Engagement in Advancing ESDM Sector
- Partnered with the Government of Odisha for the Bangalore Roadshow
- Collaboration with the Government of Assam
- Discussions with Gujarat Government Officials
- Meet & Greet with Karnataka's Leaders
- Contribution to Karnataka IT Vision Group Meeting
- Mysuru ESDM Tech Yatra Collaboration with KDEM
- Engagement with the Ministry of External Affairs
- Roundtable with the Government of Assam
- Indo-US Ties in the Semiconductor Sector
- Participation in Semiconductor Executive Summit (SES)

Chapter Meets

- Hyderabad Branch Meet
- Launch of IESA Rajasthan Branch
- Pune Chapter Meet
- Industry and North Region Chapter Meet in New Delhi

Key Events & Conferences

- Vision Summit 2024
- ISPEC 2024
- IESA Annual Member Meet
- 55th Mid-Term Symposium
- IESA EC Meeting at GlobalFoundries
- Electropreneur Park (EP) Success Celebration
- Semiconductor Ecosystem Conference 2024
- Integrated Electronics Manufacturing & Interconnections 2024 (Malaysia)
- Semicon India 2024
- MeitY IESA Startup DLI Scheme Roundtable-1
- SCL Start-Up Meet 2024
- Launch of Global Foundries India Foundry Support Program
- Second DLI Scheme Roundtable in Hyderabad
- Mid-Year Member Meet 2024

Noteworthy Initiatives

- Introduction of WiSE (Women in Semiconductor & Electronics)
- Launch of IESA Startup Mitra Knowledge Sharing Webinar Series

Social Media

- Generated overall 1.2 million+ impressions and 160,000 clicks;
- LinkedIn followers grew to 24000+.

Others

- Partnered with M/S Consocia, securing over 165 unique stories across print, online, and social media platforms.
- Featured in *Economic Times*, *Financial Express*, *TOI*, *Mint*, *Deccan Herald*, *The Hindu*, *News9 TV* and others, with over 75+ print articles, 100+ online articles, and 7 live TV appearances.
- Bengaluru Tech Summit (BTS 2024): Exclusive interviews with Ashok Chandak and Dr. V Veerappan.

IESA's achievements in 2024 reflect our unwavering commitment to innovation, collaboration, and growth. As we move forward, we remain dedicated to driving excellence in India's electronics and semiconductor sectors.

Plan Your Path to Vision Summit 2025

IESA Vision Summit- Powering India's Semiconductor Revolution

We are glad to introduce our premier event, 19th edition of **IESA Vision Summit 2025**, along with Gujarat Semiconnect 2025 and the 2nd Indian Semiconductor and Packaging Ecosystem Conference (ISPEC2), taking place from 5th to 7th March at Mahatma Mandir, Gandhinagar, Gujarat. Vision Summit will bring together industry leaders, government officials, innovators, and experts to explore state-of-the-art technologies, trends, and collaborations shaping the future of India's ESDM sector. While ISPEC2 will focus on global R&D and workforce development, fostering industry-academic collaboration for next-generation semiconductors, packaging, and systems in India.

What to Expect?

- Over Three days, Global experts across various domains will share their vision, future trends and tech insights to shape the future
- 1500 Delegates
- 75+ Top Global Industry Leaders from across the globe
- 25+ Top Government officials, policy makers
- Global, Indian large corporates, MSME and Start-up ecosystem, Incubators, Academia, etc.
- 250 + Global Exhibitors to showcase the latest products, innovations across value chain of Semiconductors and Electronics.
- Industry report launches
- Industry & Innovation Awards
- 8 Key notes and 6 panel discussions
- International roundtable to foster strategic global collaborations

Session/Topics/Focus Area

- Vikshit Bharat – Role of semiconductors
- India market overview and future trends
- Product creations: Value addition in electronics sector
- Manufacturing: Fabs, OSAT, smart manufacturing, packaging and material suppliers
- Fables: Startup India
- Research and Development
- Allied Industries: Chemicals, Gases, Minerals
- Smart Infrastructure: Logistics and Warehousing
- Sustainability: Water, power, Energy, etc
- Government role – State and Central Policies
- Talent and skilling (workforce development, SRA's)
- International Cooperation for manufacturing set-up
- India – Taiwan Round table / Pavilion (Follow up of India Taiwan Forum, Taipei)
- Manufacturing Site Visit

Branding and Sponsor – For Branding and Sponsor opportunities please contact – Mr. Davendar davendar.kaul@iesasonline.org & Mr. Ved Prakash Mall – vedprakash.mall@iesasonline.org

IESA VISION SUMMIT 2025

5-6-7 March

Mahatma Mandir, Gandhinagar, Gujarat

Co-Organised by



IDSPS

To know more visit our website.
www.iesasonline.org/visionsummit

STARTUP / MSME OF THE MONTH - JANUARY 2025



Company Name: Air Gas Electronic Materials India Pvt Ltd

Company Location: Taiwan / India

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Overview: AIR GAS ELECTRONIC MATERIALS (AGEM) is a Gas Manufacturing and R&D plant placed in Taiwan, having unparallel expertise in the field of Speciality, Electronic, Bulk and Calibration gases across the globe.

AGEM stands at the forefront of delivering turnkey engineering solutions for ultrahigh purity electronic gas and chemical distribution systems. Our expertise spans industries including Solar industries, R&D sector, and Semiconductors industries.

Our Specialization for Turnkey Projects:

Turnkey Solutions for Ultra High Purity Gas and Chemical Application Systems

1. Gas Distribution System

- Gas Cabinets, BSGS: Advanced gas cabinets designed for maximum safety and efficiency.
- VDB (Valve Distribution Box): Customizable solutions to meet specific industrial requirements.
- VMB (Valve Manifold Box): Compact designs ensuring optimal performance.
- Purifiers: High-efficiency purifiers ensuring the purity of gas streams.
- PLC SCADA Integration and Gas Management System: Cutting edge automation for seamless operations and monitoring

Our Products:

- Electronic/ CORT/ High Pure Gases.
- Gas Cabinets & Chemical Delivery Systems
- Gas Distribution Systems
- Gas Leak Detection Systems & PLC, SCADA
- Gas Purifiers up to 99.999999% (8N)
- Ultra-High Purity Regulators, Valves & Fittings



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Company Location: Bangalore, Karnataka

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Overview: At HLTronics, we are dedicated to being trusted partner in PCB Design and Manufacturing. From concept to completion, we offer end-to-end solutions that simplify every stage of project. Our in-house team of skilled engineers collaborates closely with clients to develop tailor-made solutions that meet the highest industry standards, ensuring exceptional quality and reliability. Whether it's a single prototype or ready to scale to high-volume production, HLTronics has the expertise, resources, and flexibility to deliver.

Our streamlined processes and rigorous quality controls guarantee that your products meet client's specifications, while our commitment to on-time delivery and cost-effective service helps bring your projects to life on schedule and within budget. By providing comprehensive and adaptable PCB solutions, we empower clients across industries to drive progress and achieve success with every project.

Our Services:

- **Manufacturing**
- PCB Assembly
- Components Sourcing
- Harness Building & Assembly
- **PCB Design & Review Service**
- Design for Assembly/Design for Manufacturing
- PCB layout service
- Analog Circuit Design/Embedded System Design
- **Infrastructure:**

We have a completely automated SMT line

- Automated Screen Printer
- Pick and Place Machine [Fuji Aimex 3C 47000 CPH]
- 10 Zone reflow oven
- Inline AOI machine

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