



Greetings, Patrons!

September 2024 has been an extraordinary month for the Indian Electronics and Semiconductor Industry, marking significant milestones as we continue our transformative journey.

The highlight of this month was the **SEMICON India event** from 11-13 September 2024 in NCR/Gr. Noida, an event of national importance **inaugurated by the Hon'ble Prime Minister Shri Narendra Modi**. This event marked a watershed moment for India's semiconductor sector, with the presence of **Minister of Electronics and IT, Shri Ashwini Vaishnaw, UP Chief Minister Shri Yogi Adityanath, and MoSEIT Shri Jitin Prasada**, demonstrating the government's commitment to positioning India as a global semiconductor leader. IESA was strongly represented, with **Dr. V Veerappan (Chairman) and Mr. Ashok Chandak (President) leading the way, alongside distinguished EC members and experts Naveen Bishnoi, Hitesh Garg, Sanjeev Keskar, Rajeev Khushu, Sanjay Gupta, Ashok Mishra, Anku Jain, Manoj Kumar and VP Anurag Awasthi, Ved Prakash Mall**, who contributed as keynote speakers, moderators, TLF, workforce sessions, training, etc., sharing invaluable insights on building a strong semiconductor ecosystem for India.

Another landmark event was the SES Summit on **10th September**, where over 50 global leaders convened, chaired by the Minister of Electronics and IT, culminating in a **meeting between 15 global CxOs (from SEMI and IESA) with Hon'ble Prime Minister Narendra Modi**—an unprecedented moment that reinforced India's rising stature in the global semiconductor arena.

The **blockbuster news** of the year came with the **strategic joining of IESA with SEMI**, a powerful collaboration aimed at fortifying India's semiconductor ecosystem and expanding our global impact. This partnership is crucial to driving international cooperation, which is critical to India's rapidly growing semiconductor industry.

Icing on the Cake was the inauguration of our new office in Bangalore at the hands of **Shri Priyank Kharge, ITBT Minister GoK and Ms. Sunita Verma, Meity**, reflecting our commitment to enhancing collaboration and driving growth in India's semiconductor and electronics sector. This was followed by IESA hosting a **DLI roundtable discussion**, bringing together industry leaders, start-ups, and policymakers to delve into the opportunities and challenges surrounding the DLI scheme. The engagement of MeitY officials **Ms. Sunita Verma and Nishith Gupta and CDAC Director, Mr. Vivek Khaneja**, with over 40 startups will undoubtedly propel the momentum of the DLI scheme.

The **Mysuru Big Tech Show 2024**, organised by KDEM at the Infosys Campus, further exemplified IESA's active involvement in the industry. The event, attended by former IESA Chairperson **BV Naidu, Jitendra Chaddah, Anil Kumar Muniswamy, and Sanjeev Keskar**, alongside other prominent figures, sparked vital discussions around technology and innovation that are set to shape the ESDM sector in the region.

On **26th September 2024**, IESA held a crucial roundtable with the Government of Assam, led by **Shri Manvendra Pratap Singh, IAS, Managing Director of the Assam Industrial Development Corporation Limited (AIDC)**, to explore strategies for developing **Assam's semiconductor ecosystem**. Additionally, we collaborated with international experts, including the OECD team led by **Dr. Filipe Silva and Dr. Lea Samek**, to address pressing policy issues in the semiconductor space.

Throughout these events, **IESA has consistently played a leading role in shaping India's semiconductor strategy**, gaining visibility across the country with appearances on **seven live TV channels**, coverage in **75+ print articles**, and **75+ online articles**. Additionally, we've reached a major milestone of **22,222 followers on LinkedIn**, reflecting our growing influence.

Looking ahead, as part of the SEMI family, IESA remains dedicated to driving transformative change, fostering collaboration, and advocating for policies that will propel India's semiconductor and electronics ecosystem to new heights. We extend our deepest gratitude to our members, industry partners, and government bodies for their unwavering support and engagement as we continue on this transformative journey.

Stay tuned for more updates and remain an integral part of this transformative journey.



Yours Sincerely
Ashok Chandak
President, IESA



Yours Sincerely
Dr. V Veerappan
Chairman, IESA

IESA Joins SEMI: Strengthening India's Global Position in Semiconductors

IESA is thrilled to announce its strategic partnership with SEMI, a global industry association for semiconductor and electronics manufacturing. Announced during SEMICON India 2024, this collaboration will strengthen India's semiconductor ecosystem, aligning with the nation's "Make in India" vision. Dr V Veerappan, Chairman, IESA; Ashok Chandak, President, IESA; and Ajit Manocha, President & CEO, SEMI; emphasised its importance in advancing domestic manufacturing and boosting global competitiveness. Multiple national media widely captured this news.



SEMI and IESA at SEMICON India : A Landmark Event



The Semicon India 2024 event, organised by SEMI and supported by IESA, held from 11th to 13th September in Greater Noida, marked a pivotal moment in India's quest to establish itself as a global leader in the semiconductor sector. Inaugurated by Hon'ble Prime Minister Shri Narendra Modi, Uttar Pradesh Chief Minister Yogi Adityanath, Minister for Electronics & IT Shri Ashwini Vaishnaw, MoS Shri Jitin Prasada, and CEOs of 4 IESA member companies, the event showcased India's rapid advancements in the semiconductor ecosystem.



IESA, in collaboration with SEMI India, played a crucial role in fostering industry collaboration and innovation. Key IESA leaders, including Dr. Veerappan VV (Chairman), Ashok Chandak (President), Anurag Awasthi (Vice President), and executive members Naveen Bishnoi, Hitesh Garg, Sanjeev Keskar, Rajeev Khushu, Sanjay Gupta, and Anku Jain, led significant keynote speeches and panel discussions.



Key IESA Contributions at Semicon India 2024:

- 1. CXO Roundtable with Thermo Fisher Scientific:** Led by **Dr. V Veerappan**, this session focused on "testing, measurement, failure analysis, and quality control" for advancing India's ESDM sector.
- 2. All States Policy Session:** Moderated by **Anurag Awasthi**, this session highlighted the ESDM policies of eight Indian states, emphasizing their commitment to "Ease of Doing Business."
- 3. CXO Forum & Startup Connect with GlobalFoundries:** Led by **KC Yang and Jitendra Chaddha**, this session showcased how global collaboration can support Indian startups in fabulous manufacturing.
- 4. Workforce Development and Training Workshops:** Led by **Anku Jain and Manoj Kumar**, IESA EC members, these sessions bridged skill gaps, preparing the workforce for semiconductor fabrication and targeting academia and entry-level employment opportunities.
- 5. E-Future Conference:** Organized by **Sanjeev Keskar**, this conference (Part of Electronica) focused on the future of electronics and semiconductor applications in India, featuring insights from Karnataka's ITBP Minister, **Shri Priyank M Kharge**.



The efforts of the IESA team, including Ved Prakash Mall, Dr. Rakhi Nangia, and Davender, highlighted the strategic importance of India's emerging semiconductor ecosystem. As India positions itself as a semiconductor powerhouse, the collaborative initiatives at Semicon India 2024 reflect a strong commitment to innovation and workforce development in the sector.

SES 2024: IESA Global Leaders Meet Hon'ble PM Shri Narendra Modi

On 12th September 2024, the Semiconductor Executive Summit (SES), jointly hosted by India Semiconductor Mission, Ministry of Electronics and IT, and SEMI India, gathered over 100+ global leaders, government officials, and academicians. IESA members played a leading role, with 15 of the 20 industry speakers representing IESA. Key discussions led by Dr V. Veerappan and Ashok Chandak focused on positioning India as a trusted partner in the global semiconductor supply chain. Dignitaries like Shri Ashwini Vaishnaw and Shri Jitin Prasada graced the event.



IESA at The Future First Event: RRP Electronics Inaugurates OSAT Plant

IESA congratulates RRP Electronics Ltd on the inauguration of Maharashtra's first semiconductor OSAT plant at The Future First event. The ceremony was attended by Maharashtra Chief Minister Shri Eknath Shinde, Deputy Chief Ministers Shri Ajit Dada Pawar and Shri Devendra Fadnavis, Industries Minister Shri Uday Sawant, Indian cricket legend Shri Sachin Tendulkar, and Dr. Anil Kakodkar. IESA chairman Dr. V Veerappan and president Ashok Chandak hailed the facility's potential to meet India's growing semiconductor demand and boost global competitiveness.



Exclusive "All States" Policy Session Showcases India's First Mover States in ESDM

IESA led a two-hour exclusive "All States" policy session at SEMICON India 2024 highlighting the efforts of seven key states driving India's ESDM growth. The session featured insights from distinguished officials, including Mr. Jayesh Ranjan, IAS (Telangana), Mr. Anil Kumar Sagar, IAS (Uttar Pradesh), Mr. Vishal Kumar Dev, IAS (Odisha), Mr. Manvendra Pratap Singh, IAS (Assam), Mr. Manish Gurwani, IAS (Gujarat), Dr. Alarmelmangai, IAS (Tamil Nadu) and Mr. Sanjeev Gupta (KDEM, Karnataka). Discussions focused on state policies, infrastructure, workforce development, and ease of doing business, showcasing the future of India's technology clusters and investment opportunities.

PR Update IESA Everywhere - TV Channels, Print, Online and Social Media

- Over 165 unique stories were published across print, online, and social media platforms throughout August.
- Major media outlets include Economic Times, Mint, Financial Express, Business Standard, Hindu Business Line, Hindustan Times, CNBC, Times of India, Press Trust of India, IANS India and more.
- IESA gained visibility across the country with appearances on seven live TV channels, coverage in 75+ print articles, and 75+ online articles.
- TV Interviews with SEMI and IESA spokespersons with key media outlets including ET Now, CNBC-TV18, NDTV Profit, Money Control Hindi, ET Now Swadesh, DD News Commercial, Digital India Programme, and IANS India.
- Key topics covered this month: SEMICON India 2024, SEMI & IESA collaborations, Indo-US collaborations, Bengaluru head office inauguration, Millennium Semiconductor Supplier Meet, DLI Scheme Roundtable, and more.

We encourage you to stay updated on IESA's coverage, especially on LinkedIn and Twitter, and to repost content where appropriate. Your support in amplifying IESA's voice within the industry is greatly appreciated.

[View PR Coverage Summary](#)

IESA LinkedIn followers reach 22222!

We are excited to mark this incredible milestone with our ever-growing community of professionals, industry leaders, member companies, and enthusiasts in the semiconductor and electronics space. A heartfelt thank you for your unwavering support and engagement. Together, we are shaping India's semiconductor and ESDM ecosystem, and this achievement wouldn't have been possible without you! This milestone reflects our collective passion for a technologically empowered India. Here's to reaching new milestones and making a lasting impact on India's technology future!



SPARK SEMINAR 2024



Key Takeaways from Spark Seminar Thermofisher Scientific 2024

Dr. V Veerappan delivered a keynote at Thermofisher Scientific's Spark Seminar 2024, held on 5 September 2024. He discussed India's rapidly advancing ESDM ecosystem, emphasizing IESA's role in driving growth through policy advocacy, innovation, and capacity building. Dr. Veerappan also highlighted key insights on semiconductor fabs and the increasing presence of global and domestic companies, marking a significant milestone in India's path to technological self-reliance and economic growth.

Expanding Indo-US Ties in the Semiconductor Sector

On 9 September 2024, a high-level delegation from the United States, including representatives from the US Consulate General, visited the IESA Head Office in Bengaluru. Led by Dr. V. Veerappan, and Ved Prakash Mall, Director of Sales and Marketing, IESA, the discussions focused on enhancing collaboration in manufacturing, components, and developing joint reserve reports. This visit marks another step toward deepening bilateral synergies in the semiconductor and electronics sectors.



IESA Welcomes Compound Semiconductor Delegation from Wales

On 10 September 2024, IESA engaged with the Compound Semiconductor delegation from the Government of Wales and the UK's Department of Business and Trade (DBT) at its New Delhi office. The meeting explored various technology advancements and discussed the roadmap for potential joint ventures. This collaboration aims to strengthen ties and foster future endeavours in the semiconductor sector.

Engaging Dialogue with OECD Team on Semiconductor Policies

IESA team met with a visiting OECD team, including Dr. Filipe Silva, Dr. Lea Samek, Dr. Damiano Morando, and Angela Attrey, at our New Delhi office on 16 September 2024, following Semicon India. The discussions focused on complex policy issues and various aspects related to semiconductors and critical technologies in the current landscape. Additionally, marquee research reports by IESA, international collaborations, and state perspectives were explored, with colleagues participating remotely from different states.



IESA Inaugurates its New State-of-the-Art Bengaluru Head Office

On 6 September 2024, IESA inaugurated its newly remodelled, state-of-the-art head office in Bengaluru, with Shri Priyank M Kharge, Hon'ble Minister of IT/BT, Government of Karnataka, presiding over the event.

An industry roundtable was then held with Shri Priyank Kharge and Ms. Sunita Verma attended by members of the Executive Committee and several industry leaders. A number of new ideas and initiatives were discussed for stepping up ESDM promotion in India.

First MeitY IESA Startup DLI Scheme Roundtable Sparks New Opportunities

On the same day of the IESA Head Office inauguration, IESA hosted the MeitY IESA Startup DLI Scheme Roundtable-1, led by Shri Ashok Mishra (IESA EC member) and Shri Ruchir Dixit (VC, IESA). Key participants, including Smt. Sunita Verma (Ministry of Electronics and IT), Shri Vivek Khaneja (C-DAC), and Shri Nishit Gupta (MeitY), outlined initiatives to support startups and shared insights on leveraging the DLI Scheme. Over 50 co-founders from 40+ semiconductor and IP startups joined, with 9 new startups eager to apply for the scheme to drive innovation and competitiveness.



IESA Discusses Opportunities for Chemical and Gas Industry in Gujarat

On 20 September 2024, Mr. Chirag Jasani from IESA participated in a roundtable discussion organized by Gujarat Technological University. The session focused on exploring the opportunities and challenges faced by Gujarat's chemical and gases industry in supplying to the state's growing semiconductor sector. Industry experts and stakeholders discussed strategies for strengthening local supply chains and enhancing Gujarat's role in supporting India's semiconductor manufacturing ambitions.

Engaging Discussions on Semiconductor Policy at Regional Industry Meet

On 5 September 2024, Hitesh Garg, VP of NXP and EC member, along with Anurag Awasthi, VP of IESA, presented an insightful discourse on semiconductor policy, guidelines, supply chains, and the broader ecosystem at a regional industry meet in Pune. The event was organized by the Indo-French Chamber of Commerce and the Indo-German Chamber of Industry and Commerce in India, fostering valuable dialogue among industry leaders and stakeholders.



IESA Hosts a Roundtable with the Government of Assam

On 26 September 2024, IESA organized an exclusive roundtable with the Government of Assam, represented by Shri Manvendra Pratap Singh, IAS & Managing Director of Assam Industrial Development Corporation Limited (AIDC). Mr. Ved Prakash Mall presented a roadmap for growing Assam's semiconductor ecosystem. Moderated by Anurag Awasthi, the session encouraged collaboration and innovation. The event concluded with a vote of thanks by Ms. Gowthami S, IESA marking a significant step towards transforming Assam into a semiconductor hub.

IESA Shines at Mysuru Big Tech Show 2024

On 19 September 2024, the Mysuru Big Tech Show at the Infosys campus, organized by KDEM, was a resounding success. The event saw participation from key dignitaries, policymakers, and industry leaders, with IESA represented by BV Naidu, Jitendra Chaddah, Anil Kumar Muniswamy, and Sanjeev Keskar. This platform facilitated impactful discussions on technological advancements, innovation, and industry growth, cementing Mysuru's role as a vital tech hub in India.



UPCOMING EVENTS

- India Mobile Congress – supported by IESA – 20 startups will showcase their products (15 to 18 October 2024)
- Overview of NATS scheme and its benefits (17 October 2024)
- Mangalore Tech Yatra (23-24 October)
- DLI round table 2 (22 October 2024)



Sanjeev Keskar, IESA EC Member at the Future Tech Congress by IET

Sanjeev Keskar, IESA EC Member, spoke at the Future Tech Congress by IET on "India's Electronics and Semiconductor Journey: Past, Present, and Future." He also participated in a panel discussion addressing Component and Supply Chain Challenges for the EV Industry. The event, covered by Republic TV, brought together thought leaders across technologies like Gen AI, Quantum Technology, and Industrial Metaverse, fostering discussions in healthcare, manufacturing, and mobility sectors. Attendees enjoyed networking opportunities and gained insights into emerging trends and future technology directions.

IESA Leaders at Bangalore Tech Summit Curtain Raiser in New Delhi

On 24th September 2024, Dr. Rakhi Nangia and Anurag Awasthi represented IESA at the Bangalore Tech Summit curtain raiser event held in New Delhi. They had an insightful interaction with Dr. Ekroop Caur, Secretary of IT and Electronics, Government of Karnataka. The event highlighted Karnataka's leadership in the tech industry, setting the stage for the upcoming Bangalore Tech Summit, focused on innovation and growth in India's tech ecosystem.



Highlights of the Webinar on Industrial Safety for Semiconductors

On 5th September 2024, IESA hosted an exclusive webinar under its Future Skill program, focused on "Industrial Safety for Semiconductors." The session, led by Dr. Ashwini K Aggarwal, Chairperson of the Semiconductor Skill Committee, ESSCI, delved into the critical safety protocols and innovations shaping semiconductor manufacturing. Dr. Aggarwal, a renowned expert, provided invaluable insights on enhancing safety measures in the industry, contributing to a safer and more efficient semiconductor ecosystem.

ACADEMIC ENGAGEMENTS



Lectures at VTU on Core Electronics Opportunities

On 27 September 2024, Sanjeev Keskar, IESA EC Member, delivered a lecture at Visvesvaraya Technological University (VTU) in Belgaum. Addressing engineering students, he shared valuable insights on Opportunities in the Core Electronics Domain, offering guidance on career prospects in the industry. The lecture was well-received, providing students with not only essential knowledge but also networking opportunities to explore future pathways in the electronics sector.



Semiconductor Summit at CHARUSAT University, Gujarat

On 30th Aug and 1st Sept 2024, the Semiconductor Summit was held at CHARUSAT University, Gujarat. Sudhir Naik, IESA EC member, was the chief guest for the event, highlighting a detailed presentation on the opportunities and challenges in the sector. Chirag Jasani from IESA also attended, contributing to the discussions on fostering growth in the semiconductor ecosystem. Other guests included Nilesh Ranpura, Ashok Mehta, Upendra Patel, and Dr. Usha Mehta. The summit aimed to educate students and the academic community about India's growing semiconductor ecosystem.

STARTUP / MSME OF THE MONTH - OCTOBER 2024



Company Name: SiMaxTech Private Limited

Company Location: No 589, 4th Floor, 60ft Road, AECS Layout, Kundalahalli, Bangalore 560037

Website: www.si-maxtech.com

Email Id: info@si-maxtech.com

Overview: SiMaxTech is a Semiconductor Design Services company with strong expertise in custom analog/RF full chip layout, physical design, design verification, and characterisation skills, providing end-to-end engineering services to the top semiconductor, embedded, automotive, and technology-driven customers. Our mission is to provide best-in-class engineering services in end-to-end chip development for global semiconductor companies by delivering value through continuous learning and innovations.

Key Services

Custom Analog/RF IP/ Full Chip Layout Services:

- End-to-end solution in IP/ Full Chip layouts.
- Foundation IP's, Analog, RF, and Full Chip Layout.
- Competent in High-Speed SERDES, ADC, DAC, PLL, and PMIC
- Wide experience in 3nm, 5nm, 7nm Tech nodes.

Physical Design Services:

- Netlist to GDSII – IP/Soc PD Solutions.
- Synthesis, Timing Closure, PnR.
- Physical & Reliability Verification
- Custom Scripting/Automation.
- Wide experience in 3nm, 5nm, 7nm FinFet Technology

Design Verification Services:

- IP, SOC and Sub System level verification.
- GLS, UPF and FPGA Validation
- Environment development in Verilog, System Verilog and UVM Methodology.

Design Automation & Model Generation Services:

- Technology Migration
- Metal Stack Conversion, IO Ring Generation, etc.
- PDK Validation
- Model Generation—Timing & Physical.



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Company Location: 3037, 80ft Road, Indiranagar, Bangalore - 560038

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Overview: Global Connect Solution is a leading integrated distributor of active, passive components, connectors, obsolete parts for Aerospace, Defense and Automotive Segment.

Quality: We have been certified to ISO 9001:2015.

Key Products/Services/highlight:

- Analog device
- Texas Instruments
- NXP
- TE Connectivity
- Souriau
- Amphenol
- Xilinx
- Freescale
- Micron
- Maxim
- Vishay
- Murata
- Kemet
- TDK
- Cypress
- ITT Cannon
- Toshiba

Quality Service:

- AS6081 Testing
- Visual Inspection
- De-capsulation & Die-Verification
- X-Ray Analysis
- X-Ray fluorescence test for lead finish
- Analysis
- Heated chemical tests
- Pin Correlation; Continuity, Open/Shorts
- Tests

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