



HAPPY DIWALI



Dear Patrons, Diwali Greetings from IESA!

As we celebrate the auspicious festival of lights, it's a time for reflection, gratitude, and joy as we look back on the strides made over the past month in India's semiconductor journey.

On October 24, 2024, IESA LIT up Mangaluru Technovanza 2024 with our presence! Dr. V Veerappan, Chairperson of IESA, delivered a stirring keynote on India's advancements in semiconductor design and manufacturing. Our own Ved Prakash Mall, Director of Sales & Marketing, represented IESA on the esteemed jury, showcasing our unwavering dedication to innovation and nurturing talent in this thriving field.

Earlier in the month, Dr. Veerappan joined hands with industry stalwarts at GESIA IT Association's Digital Management Conclave 2024 in Gujarat. This gathering, alongside IESA leaders Sudhir Naik, Hitesh Garg, Raghu Panicker, Pradip Thaker, underscored the entrepreneurial spirit of Gujarat and our steadfast support for the state's flourishing tech ecosystem.

The 27th edition of the Bengaluru Tech Summit will be held from November 19–21, 2024, in Bangalore. For the first time, BTS will feature Electronics and Semiconductor verticals, elevating the central theme, 'Breaking Boundaries', to the next level, 'Unbound'. IESA leadership, including past chairpersons, EC members, and other members, are actively engaged in curating the ESDM conference sessions and exhibition. We invite IESA members to join as exhibitors at special IESA rates.

IESA moderated the Semiconductor Roundtable at IMC 2024. IESA members and Industry leaders participated in an impactful Semiconductor Roundtable at India Mobile Congress 2024, led by Mr. S. Krishnan, Secretary of the MeitY. The roundtable focused on the theme "Creating a Resilient Semiconductor Ecosystem in India for the World." The discussion brought forth valuable insights from both industry leaders and government representatives, underscoring the importance of building a strong and sustainable semiconductor sector in India.

Adding to this, the DLI promotion Start-Up Meet 2024 organized by SCL (supported by IESA) was a proud milestone, empowering semiconductor start-ups with world-class infrastructure for chip design and fabrication. With Shri S Krishnan, Secretary MeitY, as the Chief Guest, the event carved out a clear path for India's journey towards semiconductor self-reliance.

During a visit to SEMIX at IIT Mumbai, IESA President Ashok Chandak met with the leadership team, including Prof. Udayan Ganguly, Mr. Sameer Patel, and Mr. Sunit Rikhi. IESA will be a supporting partner for the upcoming SEMIX Annual Summit, taking place from November 13–15. Additionally, IESA is committed to supporting SEMIX's mission of fostering a collaborative ecosystem and driving cutting-edge R&D through its member companies.

In another key moment, IESA hosted an illuminating roundtable with GlobalFoundries, featuring discussions with Jitendra Chaddah (Vice President, GlobalFoundries) and Saam Azar (Chief Legal Officer, GlobalFoundries). This exchange opened doors to future collaborations, paving the way for Indian start-ups to shine in the semiconductor space and strengthening India's fabless ecosystem.

Thanks to your trust, engagement, and energy – the IESA membership base is now 300+, and we encourage members to renew their membership and motivate new members to join the ESDM journey through IESA.

VISION SUMMIT 2025: This flagship event of IESA will be held at Gandhinagar with a focus on " Manufacturing and supply chain." . Mark your calendar for 5–7th March.

Our integration with SEMI is ongoing, with regular discussions between IESA office bearers and SEMI. We will update you soon on the next steps and the progress.

As we step forward, IESA reaffirms its dedication to driving India's semiconductor sector to new heights through collaboration, innovation, and the invaluable support of our members and partners. Wishing you a Diwali filled with prosperity, joy, and success for the upcoming year!



Yours Sincerely
Ashok Chandak
President, IESA



Yours Sincerely
Dr. V Veerappan
Chairman, IESA

PR Coverage Summary: October Highlights

- Over 10 unique stories were published across print and online platforms.
- Major media outlets, including ET Government, Free Press Journal, Fortune, ET Telecom, Daiji World, and Tele Net, featured IESA's quotes and references.
- Key interviews and industry stories spotlighted topics like India's semiconductor market growth, India's ranking in the next phase of OSAT/ATMP plant setup, and exclusive features on IESA leaders such as Dr. V Veerappan and Ashok Chandak.
- Notable events:
 - Interviews with ET Government and CNBC TV
 - IESA's participation in Mangaluru Technovanza 2024
 - Exclusive stories in Fortune and ET Government
- Social media platforms also performed exceptionally well:
 - 23 posts on LinkedIn and Twitter generated over 62,652 impressions and 4,927 clicks.
 - LinkedIn community continued expansion reaching 23,024 followers.

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](#)



SAVE THE DATE

IESA VISION SUMMIT 2025

5 -7 MARCH

Mahatma Mandir,
Gandhinagar, Gujarat

Networking • Conference • Tech Trends • Exhibition and more...

IESA Leaders at Mangaluru Technovanza 2024

On October 24, 2024, Ved Prakash Mall, Director of Sales & Marketing at IESA, served as a jury member at Mangaluru Blue 2024, part of Mangaluru Technovanza 2024. Dr. Veerappan VV, IESA Chairman, also delivered a keynote address on "India's Semiconductor Prowess in Design and Manufacturing," emphasizing the importance of building a robust ESDM ecosystem. The event, organized by the Karnataka Digital Economy Mission (KDEM), provided a platform for fostering innovation, career growth, and industry collaboration.



IESA Chairman Attends GESIA IT Association's Digital Management Conclave 2024

Dr. V. Veerappan, Chairman of IESA, attended the GESIA IT Association's Digital Management Conclave 2024, centered on "Opportunities in the Semiconductor and ESDM Ecosystem." Representatives from Tessolve, NXP Semiconductors (Hitesh Garg), Kaynes Technology (Raghu Panicker), and host Sudhir Naik (IESA EC Member) facilitated rich discussions through roundtables, panels, and keynotes. The conclave underscored Gujarat's dynamic entrepreneurial spirit and thriving ecosystem, creating valuable opportunities for collaboration and growth.

Key Insights from Semiconductor Roundtable at IMC 2024

IESA members participated in an impactful Semiconductor Roundtable at India Mobile Congress 2024, led by Mr. S. Krishnan, Secretary of the MeitY. The roundtable focused on the theme "Creating a Resilient Semiconductor Ecosystem in India for the World." The discussion brought forth valuable insights from both industry leaders and government representatives, underscoring the importance of building a strong and sustainable semiconductor sector in India.



IESA Partners with SEMIX for its Upcoming Annual Summit 2024

During a visit to SEMIX at IIT Mumbai, IESA President Ashok Chandak met with the leadership team, including Prof. Udayan Ganguly, Mr. Sameer Patel, and Mr. Sunit Rikhi. IESA will be a supporting partner for the upcoming SEMIX Annual Summit, taking place from November 13-15. Additionally, IESA is committed to supporting SEMIX's mission of fostering a collaborative ecosystem and driving cutting-edge R&D through its member companies. The Annual summit will panel discussions and key notes on cutting edge topics.

[For registration visit](#)

SCL Start-Up Meet 2024: A Boost for India's Semiconductor Ecosystem

The SCL Start-Up Meet 2024, steered by IESA members, marked a significant step toward advancing India's semiconductor industry. The event, attended by Shri S. Krishnan, Secretary, MeitY, brought together over 30 innovative start-ups and government bodies. SCL showcased its comprehensive services, announcing full end-to-end support for chip design start-ups, including access to its Mohali fab facility. The event underscored the importance of leveraging SCL's infrastructure to propel India's semiconductor innovation and self-reliance.



IESA Contributes at Indo-US ICT Working Group Meeting

On October 17, 2024, IESA had the privilege of participating in the India-US ICT Working Group held at Sushma Swaraj Bhawan. Inaugurated by Mr. S. Krishnan, Secretary, MeitY, and Mr. Eric Garcetti, U.S. Ambassador to India, the session was led by Joint Secretary Sushil Pal and Ambassador Steve Lang. IESA presented an in-depth overview of "Workforce Development Metrics in the Semiconductor Domain," highlighting opportunities for both nations to collaborate and drive future growth in the sector.



Roundtable Discussions With GlobalFoundries

IESA recently hosted a pivotal roundtable with senior representatives from GlobalFoundries, including Jitendra Chaddah (Vice President & Country Head, India) and Saam Azar (Chief Legal Officer). The discussion brought together IESA leadership and founders of prominent fabless semiconductor startups to explore India's semiconductor industry and opportunities for collaboration. GlobalFoundries shared insights into their global operations and expressed a strong commitment to supporting the growth of India's fabless ecosystem, fostering future partnerships and innovation.



Highlights from IESA StartUp Mitra Webinar

The IESA StartUp Mitra webinar on "Overview of NATS Scheme and its Benefits," held on October 17, 2024, saw great engagement with 70+ attendees. The session, led by Mr. Vijay Shanker Pandey, Director of Training at the Board of Apprenticeship Training (Southern Region), Ministry of Education, Government of India, provided valuable insights into the National Apprenticeship Training Scheme (NATS). Attendees learnt how startups can leverage the scheme to foster growth, build talent pipelines, and drive long-term success.



ACADEMIC ENGAGEMENTS

IESA and NAMTECH Discuss Skilling for Industry Alignment

On October 4, 2024, IESA Gujarat chapter members visited NAMTECH at IIT Gandhinagar to explore its skilling initiatives. The discussion focused on enhancing NAMTECH's training programs to better align with industry needs. The IESA delegation provided valuable feedback, aiming to bridge the gap between academia and industry, ensuring that NAMTECH's offerings equip students with the relevant skills to meet evolving sector demands. This initiative highlights IESA's commitment to fostering impactful industry-academia partnerships.



UPCOMING EVENTS

- Semicon Europa : 11- 14th Nov 2024
- Bengaluru Tech Summit : 19-21st Nov'24
- SEMIX Annual Summit : 13-15th Nov 2024
- Meeting with US Mumbai Consul General: 05th Nov
- Post Silicon Validation & Manufacturing, India Capabilities @ 3:00pm: 06th Nov 2024
- DLI promotion start-up meet at Hyderabad: 12th Nov 24



**BENGALURU
TECH SUMMIT**
19TH - 21ST NOV, 2024 BANGALORE PALACE

STARTUP / MSME OF THE MONTH - OCTOBER 2024



Company Name: Aether Semiconductors

Company Location: Mohali, Punjab

Website: www.aethersemiconductors.com

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Overview: Aether Semiconductors is an engineering company that specializes in providing advanced engineering solutions for semiconductor equipment

We possess deep expertise in CVD, ALD, and ALE technologies and offer a wide range of services, from R&D and new product development to spare parts, service, and obsolescence support.

What sets Aether Semiconductors apart is our ability to provide comprehensive, end-to-end solutions, covering design, development, testing & assembly

Key Services

Documentation

- Modelling (CAD & CAM) w/ Drawings with GD&T
- 3D Technical Package (Elec.)
- PCB – Schematics, Layout BOM, Gerber, Fabrication
- Supplier Deviations
- ECO – Change request management
- Engineering Procedures
- BOM – Scrub, validation & architecture

Engineering

- Value Engineering
- Obsolescence
- Reverse Engineering
- Fixture Development
- Wire harness assembly
- Retrofits & refurbishments

Core Engineering Strengths

- ALD, CVD & ALE Systems
- Advanced Metrological Equipment
- Electrostatic Chucks (Multizone)
- Chamber Designs (Single, Dual & Quad)
- Temperature Controllers
- Interlocks (RF, Gas, Power)
- Gas box and Power box (Build to Prints)
- Heater Designs Optimization
- RF Engineering (Microwave, MF and LF)



Company Name: Nemko India (Test Lab) Private Limited

Company Location: Plot No.193, Sector-68, IMT, Faridabad, Haryana 121004

Website: <https://www.nemko.com/en-in/>

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Overview: Nemko with its 90+ years of experience, provides quality services in the field of Testing, Inspection, and Certification for manufacturers to enable them to put their products in national and international markets. Our testing laboratory in Delhi NCR is IEC/ISO 17025:2017 accredited test laboratory by NABL and A2LA. With our recent status of CBTL, we are also designated/recognized/authorized by TEC/BIS/NRTL respectively.

Quality Service:

- Pre-compliance
- Product Testing
- Product Certification
- International Approval
- Cybersecurity
- Field Evaluation
- Cybersecurity

IESA Offices

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