

Union Cabinet Approves 3 Semiconductor Fab and OSATs Proposals from Tata Group and CG Power under the #SemiconIndiaProgram.

- Tata Electronics Pvt. Ltd. to invest INR 91K crore in setting up a Semiconductor Fab in Dhule, Gujarat, in partnership with Powerchip Semiconductor Manufacturing Company, Taiwan.
- Tata Semiconductor Assembly and Test Pvt. Ltd. to establish a Semiconductor OSAT in Morigaon, Assam, with an investment exceeding INR 27K crore.
- CG Power, in collaboration with Renesas Electronics and Stars Micronics, Thailand, to set up a Semiconductor OSAT in Sanand, Gujarat, investing over INR 7500 crore.

Dear Patrons,

Greetings from IESA

February has been a month brimming with significant milestones and fruitful collaborations for IESA, propelling India's semiconductor industry onto the global stage. IESA was honoured to participate in an important meeting with the Secretary of State for Wales, UK Government, David T C Davies, Honourable Minister for IT/BT, Government of Karnataka, Priyank M Kharge, and the UK High Commission team in Bengaluru on February 12th, 2024. The discussion aimed to strengthen collaboration between Wales, the UK, and Karnataka across various sectors, particularly in the semiconductor ecosystem.



Key semiconductor ecosystem cooperation areas include:

- Launching a Market Access Programme for startups in Karnataka to explore markets and funding opportunities in Wales, UK.
- Producing a concise report highlighting the strengths of both Wales and Karnataka, with a focus on areas for further exploration.
- Collaborating in compound semiconductor research through the Catapult center in the UK.
- Establishing a university exchange program and initiating joint research projects.
- Extending mutual invitations to participate in events such as London Tech Week and Bengaluru Tech Summit.

Another fruitful meeting to strengthen Indo-Dutch collaborations in the semiconductor realm was held in New Delhi, where the "Indo-Dutch Semiconductor Opportunities Report" was launched, focusing on collaborative prospects, R&D metrics, and future G2G and B2B initiatives. With Marisa Gerards, Ambassador of the Netherlands in India, Dhoya Snijders, Devendranath A M, Vikas Kohli, Arun Thekkedath, and many other industry leaders, Anurag Awasthi, VP of IESA, launched this report, which represents IESA's significant progress in fostering international collaborations to elevate India's position in the global semiconductor value chain.

Furthermore, we continued to actively engage in various leadership discussions and initiatives to advance India's semiconductor industry, such as the Digital India #FutureLABS program, at IIT New Delhi; ITIF's Panel Discussion on "India's readiness to play a more significant role in global semiconductor value chains; the ISPEC event, Mohali which aligns with our mission of promoting indigenous innovation and technology development.

By fostering collaboration and knowledge-sharing among key ecosystem players, we can collectively propel the industry to new heights of excellence. Stay tuned for more updates and developments as we continue our journey towards semiconductor leadership



Yours Sincerely
Sanjay Gupta
Chairman, IESA



Yours Sincerely
Ashok Chandak
President, IESA

2024 Interim Budget- IESA welcomes the government's focus on the semiconductor industry

The 2024 Interim Budget delivers a significant boost to design-led manufacturing in the semiconductor and electronics sector, earning praise from IESA. The government's continued focus on this vital industry aligns with IESA's advocacy for enhanced value addition through design-led manufacturing. These supportive measures, including an emphasis on IPR development and product creation in India, signal a promising step towards establishing India as a leading Electronic System Design and Manufacturing (ESDM) nation.

India Electronics & Semiconductor Association (IESA) welcomes the government focus on the Semiconductor industry

2024 Interim Budget
1st February 2024



IESA Actively Contributed To The Successful Launch of Digital India #FutureLABS Program at IIIT, New Delhi

On February 3rd, 2024, Sanjay Gupta, Chairman of IESA, contributed to the successful launch of the Digital India #FutureLABS program, held at IIIT New Delhi and organized by #MeiTY. The event, inaugurated by Honourable Minister Rajeev Chandrasekhar, united industry, academia, and government leaders to mark a significant step towards India's technological advancement. This strategic initiative marks a significant step towards realizing India's vision of '#Design_In_India' as the foundation of the '#Make_In_India' campaign, positioning our nation at the forefront of technological progress.

Singaporean Officials Engaged in a Fruitful Discussion at IESA, New Delhi

IESA's Vice President, Anurag Awasthi, engaged in a fruitful discussion with Mr. Vivek Raguraman, First Secretary at the High Commission of The Republic of Singapore, and Ms. Sabrina Ho, Regional Director, India and Bangladesh, Enterprise Singapore, at IESA's New Delhi Office. The dialogue covered various facets of existing policies, semiconductor market dynamics, futuristic skilling requirements, capacity-building initiatives, and prospects for future collaborations. This encounter sets the stage for an upcoming industry interaction in Bangalore, promising further collaboration and growth opportunities.



IESA Takes Center Stage at ITIF's Panel Discussion on India's Semiconductor Role

Mr. Ashok Chandak, President of IESA, actively participated as a panelist in the recent expert discussion on "India's readiness to play a more significant role in global semiconductor value chains." on February 22, 2024. The event was hosted by the Information Technology and Innovation Foundation. Centered on ITIF's most recent report regarding India's readiness, the conversation promises to be enlightening and thought-provoking. With India's expanding presence in technology, Mr. Chandak's participation underscores the nation's readiness to shape the future of semiconductor innovation and manufacturing.

ITIF | INFORMATION TECHNOLOGY & INNOVATION FOUNDATION Assessing India's Readiness to Compete in Global Semiconductor Value Chains

Thursday, February 22, 9:00 AM - 10:30 AM EST



IESA Leaders Take Stride of Semiconductor and Packaging Research at ISPEC Event, Mohali

IESA leaders took part at the forefront of semiconductor and packaging research at the ISPEC -2024 event, held from February 29th to March 2nd, 2024, at Hotel Radisson RED, Mohali, Punjab, India. The conference featured enlightening sessions on technological advancements, keynote speeches from industry leaders, and interactive workshops on emerging trends. Amidst this gathering, the prestigious Dr. Sarabhai award was bestowed upon Dr. Rao Tummala in the presence of Hon'ble MOS Sh Rajeev Chandrasekhar, IESA Chairman, President, VP, and other IESA leaders. Witnessing such camaraderie underscores the collective effort propelling India's semiconductor and packaging ecosystem forward.



STARTUP / MSME OF THE MONTH - MARCH 2024



Company Name: Elxion Pvt Ltd.

Company Location: Head Office: Ground Floor and First Floor, 24, 23rd A Main, J P Nagar 2nd Phase, Bangalore 560078.

Website: www.elxion.in

Email Id: enquiries@elxion.in

Overview: Elxion is a CPCB licensed, ISO certified, E-Waste recycling and management service provider. Founded in 2017 by Dr. Uttam Doraswami & Dr. Roshan S Pai, Elxion is focused on the safe, secure, sustainable, and transparent processing of E-waste for producers, manufacturers and bulk consumers of electronics.

Areas of Expertise:

- Trading EPR Credits
- Cost Reduction through lower energy consumption
- Regulatory and Legal Compliance
- Asset Optimization

Service Offerings:

- Data Sanitization
- IT Asset Rentals
- E-waste Dismantling and Recycling
- IT Asset Disposal
- E-waste Disposal Services
- Refurbishing

Clients:

- Honeywell
- 3M
- SBI
- Ikea
- Union Bank
- Govt of Karnataka
- DXC Technologies
- Pegasystems



Company Name: DTC Infotech Pvt Ltd

Company Location: 34, Rashtriya Vidyalaya Rd, 2nd Block, Basavanagudi, Bengaluru - 560004.

Website: www.dtcinfotech.com

Email Id: info@dtcinfotech.com

Overview: DTC Infotech is a leading Deep Tech, Enterprise Solutions Consulting, and Software Development company specializing in providing end-to-end solutions in Application Transformation, Data & Analytics, Artificial Intelligence, IIoT/SmartFactory, VLSI Design & Embedded Software Services to global customers.

Our dedicated team of experts excel in FPGA Design, ASIC Design (both Digital and Analog), Verification (both Digital and Analog), Physical design and verification, Testing & Validation, Embedded System Design, Embedded Product Engineering, Industrial Engineering, IoT System Design, and Embedded Software Development.

Key Product and its Highlight:

QuickDRC: Fast multi-million gate DRC, LVS

- Fast and accurate DRC/LVS detection
- Multi-threaded implementation
- Works on multi-million gate designs
- Graphical user interface for browsing DRC
- Easy to cover foundry certification for (45nm, 22nm, 16nm, 10nm)

Services:

- FPGA Design
- ASIC Design (both Digital and Analog)
- Verification (both Digital and Analog)
- Physical design and verification
- Testing & Validation services