IESA
INDIA ELECTRONICS & SEMICONDUCTOR ASSOCIATION
India's ESDM Leadership and Knowledge Partner

HAPPY NEW YEAR

Dear Patrons,

Warmest greetings and best wishes for the New Year!

May the upcoming year bring you prosperity, joy, and countless opportunities for success. As we embark on this journey together, we at IESA look forward to our continued collaboration and shared achievements.

In reflection of 2023, we are pleased to highlight the substantial strides in the electronics and semiconductor landscape with noteworthy contributions from industry, academia, and government. The year has been an eventful and transformative one as it spearheaded some of the most exciting events led by IESA, industry announcements, strategic policy shifts, and robust participation from the expansive ESDM community.

Looking ahead to 2024, we are poised for even greater engagements that will elevate the electronics and semiconductor realms to unprecedented levels of excellence. In sync with this vision, IESA is thrilled to announce the 18th edition of our esteemed Vision Summit 2024, slated for January 24th and 25th at the Hilton Bengaluru Embassy Manyata Business Park (Convention Centre). This vibrant gathering is set to convene industry luminaries, policymakers, trailblazing innovators, and visionary entrepreneurs, anticipating a gathering of over 1000+ attendees.

Join us in experiencing a confluence of innovation, collaboration, and transformative strides at IESA's Vision Summit 2024.

Yours Sincerely
Sanjay Gupta
Chairman, IESA

Yours Sincerely
Ashok Chandak
President, IESA

2024 MAJOR EVENTS

- Vision Summit 2024
- AI Summit 2024
- Spacetronics & Deftronics 2024
- IEEE EPS Packaging Summit 2024
- IESA Automotive Summit 2024
- IESA Startup Summit 2024

IESA VISION SUMMIT
India Embedded Electronics Show

24 & 25 JANUARY 2024
HILTON BENGALURU EMBASSY MANYATA BUSINESS PARK

Expert Sessions | **Industrial Exhibition** | **Unveiling Reports** | **Technovation Awards**

Highlights
- 1000+ Delegates
- 80+ exhibitors
- 60+ Industry leaders & decision-makers
- 25+ Govt. officials and policymakers
- 8 Panel Discussions & 16+ Keynotes
- Multiple State pavilions with their deep tech, MSME and Start-up ecosystem

iesa-visionsummit.com

Register Today!

2023 RECAP

As we enter 2024, let us take a moment to reflect on the notable milestones achieved in 2023: A Year of Achievements and Innovation.

Chapter Launches ▶

- **First Global Affiliate-IESA Europe Chapter:** On 15th September, World Engineers Day, IESA marked a pivotal moment by launching its first international chapter in Europe. This significant step aligns seamlessly with India's vision to become a global electronics manufacturing hub.

- **Maharashtra Chapter:** April 21st, 2023 marked a significant milestone in the history of IESA, as we launched our Maharashtra chapter at The Westin Pune Koregaon Park. This chapter launch aims to align automotive, critical electronics, defence, and aerospace entities with semiconductor design, distribution, and manufacturing.

- **Kerala Chapter:** IESA launched its Kerala Chapter at Rajagiri School of Engineering and Technology in Cochin, Kerala, on October 31st. The ESDM sector in Kerala has taken a significant step forward in terms of collaboration, innovation, and growth with the launch of this initiative.

- **Odisha Chapter:** On 2nd November 2023, at Chanakya Hall, Swosti Premium, Bhubaneswar, IESA launched its Odisha Chapter along with introducing "Startup Mitra" and "Semiconductor Nation—Campus Connect" in Odisha. This launch aimed to establish Odisha as a burgeoning hub for semiconductor manufacturing.

Events ▶

- **Spacetronics and Deftronics 2023, Bengaluru:** IESA marked a milestone by hosting the 7th edition of its flagship event on May 25th-26th, uniting experts in the domain of space technology, defence, and electronics.

- **AI Summit 2023, Hyderabad:** IESA had an eventful time with the AI Summit 2023 in Hyderabad on November 7th-8th, highlighting a shift from software-centric to hardware-centric solutions.

- **IEEE-EPS-IESA Packaging Workshop 2023, Bengaluru:** The flagship event showcased IESA and IEEE-EPS' synergy with 7 sessions, 25+ speakers, and 3-panel discussions on November 30th and December 1st at The Lalit Ashok, Bengaluru, accelerating industry growth and innovation in the semiconductor and packaging industry.

- **SemiconIndia 2023, Gandhinagar:** Prime Minister Shri Narendra Modi launched SemiconIndia 2023 on July 28 at Mahatma Mandir, fostering a thriving semiconductor ecosystem and encouraging investments and innovation to position India as a hub.

IESA Initiatives ▶

- **Startup Mitra Initiative by IESA:** IESA inaugurated the Startup Mitra initiative, dedicated to creating a healthy environment for ESDM startups to grow, encouraging innovation, cooperation, and long-term progress with support in funding, mentorship, networking, and access to experts.

- **Monthly SemiconIndia FutureSkills Webinar Series:** IESA introduced a monthly webinar series under SemiconIndia FutureSkills, nurturing students and industry professionals. This initiative aims to lead them through an immersive microchip journey, contributing to building a robust academia-industry symbiotic ecosystem across the country.

Others ▶

- **More than 300 IESA Members:** This year has seen the highest growth in the IESA membership with over 300 industries joining the community officially.

- **Launch of New Website:** Earlier this year, we unveiled our new website. It has advanced features, robust backend architecture, user-friendly design, and updated content, positioning it as a comprehensive knowledge hub for the community.

In the unfolding narrative of 2024, these achievements serve as stepping stones toward a future of continued growth, innovation, and excellence in the field of electronics and semiconductors.

MINDGROVE

Company Name: Mindgrove Technologies Pvt Ltd

Company Location: Chennai, Tamil Nadu

Website: www.mindgrovetech.in

Email Id: info@mindgrovetech.in

Overview: Mindgrove Technologies is a company funded by Peak XV Partners. It is incubated by IITM Pravartak andis an IIT Madras Incubation cell. Mindgrove designs innovative Systems on Chips (SoC) in India, specifically targeted at signal processing and edge vision applications. Mindgrove also offers reference designs, integrated modules, and finished products based on hese SoCs. Our SoCs can be used in EVs, automobiles, wearables, smart meters, biometric devices, security devices, consumer electronics, medical devices, and more.

Our Products:

- **Secure IoT:**
  1. Smallest in its class
  2. Better battery life and lower cost
  3. Hardware-accelerated encryption to keep data safe

- **Vision SOC:**
  1. All features of Secure IoT + Quad Core + Graphics Processing Unit
  2. Connects up to Four Cameras Simultaneously
  3. High-speed, Quad Core Vision Data Acquisition and Processing System

- **Edge Compute:**
  1. Edge Inference
  2. Advanced Edge compute for added processing power

ChipEdge

Company Name: ChipEdge Technologies Private Limited. (VLSI EdTech Company)

Company Location: 282, 7th Main Rd, stage 2, BTM Layout, Bengaluru, Karnataka 560076

Website: www.chipedge.com

Email Id: rahul@chipedge.com

Overview:

- Founded in October 2012 & managed by Senior Industry Professionals with 70+ years of cumulative experience.
- 11+ Years of experience in VLSI training.
- Trained more than 4500 + Engineers.
- Quality VLSI training programs delivered by Seasoned Professionals, with our state-of-the-art training infrastructure.
- We have earned a reputation in the semiconductor industry for our professional and quality approach to training.

Learning Solutions for Enterprises:

- Induction Training Programs for Skilling New College Graduates(NCGs).
- Customizable Learning Programs for upskilling Laterals.
- Cost-effective On-Demand (self-paced) Leaning Solutions.
- Plug & Play On-Demand VLSI Lab Solutions for hands-on lab practice with Synopsys Tools.
- Assessment Solutions for Skill Assessment of Engineers.

Hire Skilled VLSI Engineers:

- Hire trained freshers or laterals (from non-VLSI) in PD, DV, and DFT.

VLSI Course Offering to Enterprises:

(Choose from Online, Offline, Blended & Self-Paced Learning Models)

DIGITAL COURSES	ANALOG COURSES
RTL Design	
Design Verification (DV)	
Formal Verification (Up Coming)	Analog Circuit Design
Synthesis STA & LEC	Analog Layout
Design for Test (DFT)	
Physical Design (PD)	

IESA Vision Summit 2024

Date: 24 & 25 January | Time: 9:00 AM - 8:00 PM

Venue: Hilton Bengaluru Embassy Manyata Business Park (Convention Centre)

Register Now!

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