



Information Technology &
Digital Services Department
Government of Tamil Nadu



Ministry of Electronics &
Information Technology
Government of India



Government of
Maharashtra



Presents

2nd edition



CHENNAI
TAMIL NADU, INDIA
TUESDAY, AUG 1
HOTEL FEATHERS



PUNE
MAHARASTRA, INDIA
THURSDAY, AUG 3
HOTEL JW MARRIOTT

POST SHOW REPORT

1000+ Delegates	200+ B2B Meetings	15 Cities Roadshows
10+ Activities in 2 days	10+ Countries Participation	100+ Companies Joined Skill Challenge
1000+ Technicians participated at skill challenge	2 MoUs Signed	6+ Months spread of activities leading to IEMI

Supported by the Ministry of Electronics & Information Technology, Government of India, State Government of Tamil Nadu & Maharashtra, Indian & International Industry Associations – the events brought together electronics manufacturers, designers, traders, suppliers, service providers, and technical experts to explore new business partnerships, gain technical knowledge, source products & services.

www.ipc.org/ipc-india-iemi

INAUGURAL SESSION

Chennai

Mr. Ar Rm Arun, President – Southern India Chamber of Commerce and Industry (SICCI) welcomed the delegates, and the vote of thanks was given by Mr. Ramachandran Natarajan, Managing Director – Mel Systems and Services Ltd. Both speakers highlighted the growth of electronics manufacturing in the state of Tamil Nadu and the need for collaboration between Associations to develop strong industry partnership for further development of the state.



Pune

Mr. Rajinder Bhatia, President & CEO – Bharat Forge Defence & Aerospace was the Chief Guest and delivered presentation on the “Role of Integrated Electronics Manufacturing & Interconnections”. He highlighted how integrated electronics contribute to defence innovation and importance of reliable electronics in defence and aerospace applications.

Mr. Prashant Girbane, Director General – Maharashtra Chamber of Commerce Industries and Agriculture (MCCIA) welcomed the delegates and talked about the glory of the city of Pune in the overall contribution of the Indian economy. While delivering vote of thanks, Mr. Aditya Paranjpe, Chairperson – MCCIA’s Electronics Committee, elaborated MCCIA’s role in developing the electronics manufacturing sector in the region.

KEYNOTE ADDRESS AT CHENNAI & PUNE

“What’s New in Technology: Micro Trends Determining Electronics’ Future”, in his presentation, Dr John Mitchell, President & CEO – IPC emphasized number of micro trends affecting the electronics industry – computers everywhere, connected & smart everything, datafication, artificial intelligence, digital trust, 3D printing, nanotechnology, and new energy solutions. These trends have opened world of opportunities for the electronics industry, and IPC is committed to unlock the benefits for members and working to create an environment for embracing these trends, enabling members to stay ahead of the competition and continue to innovate and grow.



SPECIAL ADDRESSES AT CHENNAI & PUNE



“Technology Development is a critical part of the work done at Goddard, NASA that enables future missions & discoveries”. One of the key points highlighted by Dr Bhanu Sood, Deputy Chief Technologist – Goddard Space Flight Center, NASA while presenting his topic: “The evolving landscape of advanced technology – the role of risk, reliability, quality & policy”. He stressed that robotics and quantum sciences to revolutionize space research and gave an overview of the evolving landscape of advanced technology, including risk, reliability, quality, and policy issues.

“Roadmap for US – India Defence Industrial Cooperation”. One of the key points highlighted by **Chris Peters, Founding Executive Director – U.S. Partnership for Assured Electronics (USPAE)** while presenting his topic: “**Industry – Government Collaboration in Defence to Solve Challenges**”. Chris highlighted the models and best practices that have been adopted by US Government to access trusted electronics supply chains as a means of solving defence challenges.



PANEL DISCUSSIONS



Chennai

“**Emerging Tech & Trends: Consumer to Strategic Electronics Manufacturing**”. Eminent speakers highlighted the role of emerging tech in electronics manufacturing and shared insights on leveraging the benefit to improve the consumer & end user experience. The session was moderated by **Mr. Ravi Bhatkal**, Managing Director – MacDermid Alpha Electronics Solutions and panel members participated:

- **Mr. Pankaj Mohindroo**, Chairman – India Cellular & Electronics Association (ICEA)
- **Mr. Rama Murthy PBV**, Regional Director – Regional Center for Military Airworthiness (RCMA-Hyderabad), DRDO
- **Prof. Bobby George**, Professor, Electronics Department – Indian Institute of Technology (IIT), Madras
- **Mr. Prakasha Rao PJVKS**, Ex Sr. Program Director – Satellite Communication Program, ISRO
- **Mr. David Bergman**, Vice President, Standards & Technology – IPC

Pune

“**Importance of Electronics in electric vehicle**”.

IPC delivers Automotive and e-Mobility Quality, Reliability, and Safety and for the session invited the key stakeholders to discuss the role of electronics in making highly efficient EV. The panellists discussed how electronics, cable & wire harness assembly are essential for the efficient functioning of electric vehicles. The session was moderated by **Mr. Sanjay Huprikar**, President, Europe & South Asia Operations – IPC and panel members participated:



- **Dr. Chana Yiangkamolsing**, Advisors for Academic – EV Association of Thailand (EVAT)
- **Mr. Srikanth TS**, Principal Chief Engineer – UNO Minda
- **Mr. B Anil Baliga**, President – EKA Mobility (A subsidiary of Pinnacle Industries Limited)
- **Mr. Jonas Sjoberg**, Associate Director, Global Technical Service and Application Engineering – Indium Corporation
- **Ms. Ujjwala Karle**, Deputy Director Technology Group – Automotive Research Association of India (ARAI)

MEMORANDUM OF UNDERSTANDING (MOU) SIGNING



IPC signed MoU with **India Cellular and Electronics Association (ICEA)**. **Mr. Pankaj Mohindroo**, Chairman – ICEA signed on behalf of ICEA & **Mr. Sanjay Huprikar**, President (Europe and South Asia Operations) signed on behalf of IPC. This collaborative effort will advance technology sector synergy, aiming for faster adoption of standards by the Indian ESDM sector. Both ICEA & IPC will work together to skill the ESDM workforce as per standards used in PCB and PCBA domains. Such initiatives will enhance quality & reliability of the process & final product in the electronics & telecom sector. This move will strengthen the way for achieving India's vision of manufacturing electronics worth US \$300bn by 2026.

IPC signed MoU with **Panimalar Engineering College, Chennai**. **Dr C Sakthi Kumar, Director** signed on behalf of Panimalar Engineering College & **Mr. Gaurab Majumdar, Executive Director** signed on behalf of IPC. The program will support to train engineering students on IPC Electronics Assembly for Engineers course. The initiative aims for electronics industry ready workforce & help newcomer engineers to learn key concepts, tools, materials, and processes which are critical for electronics assembly. Electronics design & Advanced packaging modules will be added & students will be exposed to practical & hands-on training at company premises.



REGIONAL STANDARD DEVELOPMENT COMMITTEE MEETINGS



Electronics Manufacturing Services (EMS) Committee Meeting at Chennai



Wire Harness Committee Meeting at Pune



Design Committee Meeting at Pune IOT & EV

RELEASE OF DRAFT AUTOMOTIVE SUPPLIER CHECKLIST



The auditing of supplier lines and processes is a key requirement of automotive OEM's in achieving the highest quality and reliability of their electronic products and sub-systems. IPC Automotive Supplier Checklist developed by Committee seeks to address the problem by proposing a standardized checklist that can be used by all OEM's for their supplier line release audits and periodic process confirmation, and in the event of quality issues.

VENDOR DEVELOPMENT PROGRAM AT PUNE



SIEMENS

To expand their supply chain, Siemens Nashik met with wire harness manufacturers

B2B MEETINGS



200+ B2B Meetings (Pre-Fixed) took place at IEMI Chennai & Pune events with international delegates from 10+ Countries. Match-making were done over 3 months process. Several leads were generated out of the B2B Meetings.



AWARD PROGRAM



IPC India recognizes top companies annually who are engaged & utilizes IPC resources like standards & certifications to build electronics better.

VOLUNTEER OF THE YEAR AWARD



- Mr. Chandana Dissanayake
- Mr. Thevin Arumugam
- Mr. Anand Selvaraj
- Mr. Abhay Gupta
- Mr. Rama Murthy
- Mr. Sudhakar Babu
- Mr. Manish Agarwal
- Mr. Prakash Rukmaiah
- Ms. Eileen Ang
- Mr. Rajoo Goel
- Mr. Amulya Mohapatra

SKILL CHALLENGE – HAND SOLDERING/WIRE HARNESS/DESIGN



- **Hand Soldering Competition (India Final 2023) Winner:** TEJAS SUTAR – Philips Electronics India Limited, Pune & **Runner up:** SHARAN YABESH – Avalon Technologies Limited, Chennai.
- **Wire Harness Competition (India Final 2023) Winner:** SIDDARAJU AV – Cyient DLM Limited, Mysuru & **Runner up:** AMIT SHARMA – Vista Consoles Electronics Private Limited, Delhi

EXHIBITORS



SPONSORS



SUPPORTING ORGANIZATIONS

ANNOUNCES

iE Mi
Integrated Electronics
Manufacturing & Interconnections

2024

JULY 25 — **JULY 30**
PENANG, MALAYSIA & **BENGALURU, INDIA**

2 COUNTRIES **1000+ DELEGATES** **10+ ACTIVITIES**

For More Information Please Contact
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