Ministry of Electronics &
Information Technology
Government of India

सत्यमेव जयते

IPC BUILD ELECTRONICS BETTER

3rd Edition

iEMi

Integrated Electronics Manufacturing & Interconnections

BENGALURU, INDIA
JULY 29 – 30, 2024

POST SHOW REPORT







JULY 29, 2024
HOTEL TAJ YESHWANTPUR, BENGALURU, INDIA

STANDARD DEVELOPMENT MEETINGS



100+ Members from Government & electronics industry attended IPC Standards Development Meetings at Bengaluru on July 29. Members participated at Committees – Wire Harness; Electronics Manufacturing Services; Design & PCB Test lab.

B2B MEETINGS

400+ B2B Meetings between Indian Companies and **35** International Delegates



TECHNICAL WORKSHOP

Topic: ESD – Critical Element @ Electronics Manufacturing

Speaker: Ken Sakamoto San, Director, Shishido Electrostatic Ltd, Japan

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Highlights: Sakamoto San emphasized the importance of implementing robust ESD control measures to protect sensitive electronic components from potential damage during production. His presentation covered practical strategies for minimizing ESD risks, including proper grounding techniques, the use of protective materials, and adherence to industry best practices.



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INAUGURAL SESSION

- Dr John W Mitchell, President & CEO - IPC
- Dr Raj Mruthyunjayappa, Chairman - Indo American Chamber of Commerce, Karnataka
- Savita Ganjigati, VP Engineering - SIENNA ECAD Technologies Pvt. Ltd.
- Brigadier R. S. Budhwar, Commandant & MD, 515 Army Base Workshop
- Lt. Col. Saptarshi Chatterjee, SQAE (L) Bengalore



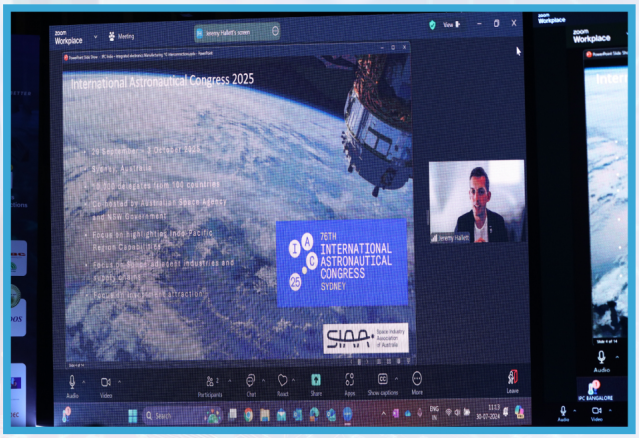
KEYNOTE ADDRESS

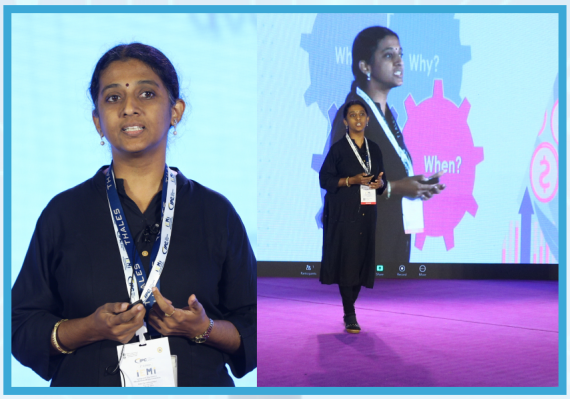


Dr. John W. Mitchell, President & CEO of IPC, delivered a keynote address on the topic "Success of the Electronics Industry Depends on the Skilled Workforce," underscoring the pivotal role of a well-trained and skilled workforce in driving industry innovation and growth. Dr. Mitchell highlighted how investment in reskilling & upskilling of employees can increase competitiveness of the electronics sector.

SPECIAL ADDRESS

Jeremy Hallett, Executive Chairman of the Space Industry Association of Australia, delivered a compelling presentation on "Space Sector Electronics Requirements – Fostering Collaboration in the Indo-Pacific." Mr. Hallett highlighted the growing need for advanced electronic systems in space applications focused on how fostering collaboration among Indo-Pacific nations can drive innovation, enhance technological capabilities, and streamline the development of cutting-edge space electronics.





Sriranjani Sundareshan, SPM Lead at Thales in India, presented on "Quality & Reliability Factors in Selecting Aerospace Suppliers," emphasizing the critical criteria for evaluating aerospace suppliers. Sundareshan outlined the importance of stringent quality standards, including rigorous testing and compliance with international certifications, to ensure the reliability and performance of aerospace systems.

PANEL DISCUSSION

BUILDING ELECTRONICS BETTER IN DEFENCE & AEROSPACE APPLICATIONS

Session Moderator: Sanjay Huprikar, President (South Asia & Europe Operations) - IPC



Panel Members

- **Col. Shekar Mishra**, Offg. Controller - CQA (Electronics) Directorate General of Quality Assurance
- **Rama Murthy**, Ex Regional Director - DRDO/RCMA - Hyderabad
- **Lt Gen AK Bhatt (Retd.)**, Director General - Indian Space Association
- **Shyam Karigiri**, Regional Council Member - Indo-American Chamber of Commerce
- **Damodaran Subramanian**, Committee Member - Society of Automotive Engineers India
- **Caitlin Searle (Ms)**, Counsellor - Dept of Industry, Science & Resources, Consulate General of Australia - Bengaluru
- **Riwan Tamic**, Chief Executive Officer - CMAC Holding, Belgium
- **Mohammed Essa AL Abbar**, Mohammed Bin Rashid Space Center, UAE

TECHNICAL AWARENESS SESSION

JOINT SERVICES SPECIFICATIONS ON PCB



Col. Shekar Mishra emphasized the critical importance of JSS in ensuring quality and reliability across defense electronics. **B. Jhonson** provided a detailed summary of JSS, covering key specifications and implementation strategies that enhance PCB performance and compliance in defence applications.

AWARD PROGRAM



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

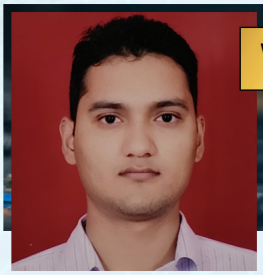
VENDOR DEVELOPMENT PROGRAM



Wing Commander U. Ranjith, Senior Production Engineer (Avionics), 9 BRD, presented the requirements of the organization in regard to suppliers. The program focuses on fostering strong partnerships with supliers, improving their technical competencies, and ensuring adherence to rigorous standards. Ranjith highlighted the products required in the next 2 years to build & repair electronics that goes in Indian Airforce.

HAND SOLDERING COMPETITION





WINNER

Roshan Dhyani
Barco Electronic Systems Private Limited
Delhi



RUNNER UP

Sermakani M
Avalon Technologies Ltd
Chennai

MEMBERS PARTICIPATED AT HSC ON JULY 30

PHILIPS | BARCO | CYIENT DLM | SYRMA SGS | SIEMENS | Avalon manufacturing your success | aeron | exicom

EXHIBITORS

Singapore Pavilion

INTERFLUX ELECTRONICS | HIBEX SINGAPORE | IHHEC | JIT | VISAR COMPONENTS

Malaysia Pavilion

Chin Tech | KYZEN | QDOS | Shan Pearmam | GGLOBAL

ELECTRO SYSTEMS ASSOCIATES | Unsol | PARAQUM | HTL Ltd. | VINROX | KELTRON | ESPEC | keetronics

Pramura Software Private Limited | NANOTECH | Kitron | SunStream Global Technologies | KAYNES SEMICON | PCB Power | JAPAN UNIX | Ray-Q Interconnect | ADVANCE TECH

JBC The Soldering Co. | ZEISS | Prodigy | DigiKey | STATIC SYSTEMS | IBS ELECTRONICS GROUP | MQS TECHNOLOGIES | IACC Indo-American Chamber of Commerce | EFYGROUP | ....



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IBS ELECTRONICS GROUP
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SINCE 1980
AS9120B ISO 9001:2015 CERTIFIED

DELEGATE KIT SPONSOR

QDOS

SUPPORTING ORGANIZATIONS

SPECIAL RECOGNITION



Wan Ahmad Tarmizi Wan Idris
Trade Commissioner
Malaysia External Trade Development Corporation
MATRADE, Chennai

Mr. Idris was instrumental in developing IEMI Malaysia which connected IPC with the Malaysian Industries and Government.

Exhibitor Quote

It was a nice experience being Exhibitor of the IEMI 2024 show. We could get opportunity to meet industry people from different electronics segment and specially from aerospace and defence. Sessions regarding establishment of defence grade PCB standards in India were very useful and such initiatives will be very helpful to all manufacturers in India. Overall management of the events and show was up to the mark.

Khushal Panchal, Chief Operating Officer
Circuit Systems (India) Pvt. Ltd.

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