# India’s Transformation into Emerging Tech, Industry 4.0, Mobile & Device Manufacturing Hub

**2 August 2022 | New Delhi**

**Hotel Le Meridien, Windsor Pl, Connaught Place - 110001**

## Time

<table>
<thead>
<tr>
<th>Time</th>
<th>Sessions</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:30 AM</td>
<td>Registration &amp; Networking Tea</td>
</tr>
<tr>
<td>10:00 AM - 4:00 PM (Separate Hall)</td>
<td>Final Skill Challenge Competition – Hand Soldering/Wire Harness/PCB Design B2B meeting with International Delegates</td>
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</tbody>
</table>

### Inaugural Session

**10:30 AM**

Welcome Address by Mr. Hari Om Rai, Co-Chair, Mobile Manufacturing and Communications Committee FICCI, and Chairman & Managing Director Lava International Ltd.

**10:45 AM**

Special Address by Mr. R.K. Pathak, DDG (ICC), International Coordination (ICC) Wing, Department of Telecommunications, Ministry of Communications, Government of India

**11:00 AM**

Special Address on “Electronics Manufacturing Embraces Digital” by Dr. John W. Mitchell, President & Chief Executive Officer, IPC

**11:25 AM**

Vote of Thanks by Ms. Sarika Gulyani, Director, FICCI

### Panel Discussion

**11:30 AM**

Panel Discussion on “India’s Transformation into Emerging Tech, Industry 4.0, and Mobile & Device Manufacturing Hub – Opportunities, Challenges & Way Forward”

Session Moderator: Mr. Prasad Unnikrishnan, Partner, KPMG

Panel Members:
- Mr. Goh Yia Jin, Member of Association of Electronics Industries in Singapore (AEIS)
- Mr. M. Thilagarajan, President, Indian Printed Circuit Association (IPCA)
- Mr. Vinod Sharma, Past President, Electronic Industries Association of India (ELCINA)
- Mr. Sandeep Narula, Chairman, Electronics & Software Export Promotion Council (ESC India)
- Mr. Sanjay Huprikar - President, Europe and South Asia Operations, IPC

### Technical Session on Industry 4.0

**1:00 PM - 2:30 PM**

Networking Lunch

**2:30 PM**

Welcome Address & Brief on “An Ecosystem approach to Capabilility Building” by Mr. Anup Wadhwa, Director, Automation Industry Association

**2:45 PM**

Presentation on “Industrial Electronics Manufacturing scenario and it’s synergy with industrial automation” by Mr. Sunil Mehta, President, Automation Industry Association & General Manager, Mitsubishi Electric India Pvt. Ltd.

**3:15 PM**

Presentation on “Factory of the Future” - Mr. David Bergman, Vice President (Standards & International Relations) IPC

**3:45 PM**

Presentation on “Simplifying the Smart Manufacturing paradigm - experience sharing at FSM” by Mr. Ravi Agarwal, Managing Director Pepperl+Fuchs Factory Automation

**4:15 PM**

Q&A Session

**4:30 PM**

High Tea & End of Program

## International Delegates:

<table>
<thead>
<tr>
<th>Company</th>
<th>Countries</th>
</tr>
</thead>
<tbody>
<tr>
<td>Holy Stone Holdings(S) Pte.Ltd.</td>
<td>Singapore</td>
</tr>
<tr>
<td>DYNACAST</td>
<td>Singapore</td>
</tr>
<tr>
<td>HIBEX</td>
<td>Singapore</td>
</tr>
<tr>
<td>Interflux Singapore Pte. Ltd.</td>
<td>Singapore</td>
</tr>
<tr>
<td>Innot Enterprise Pte. Ltd.</td>
<td>Singapore</td>
</tr>
<tr>
<td>American Tech</td>
<td>Singapore</td>
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<tr>
<td>McCy Pte. Ltd.</td>
<td>Singapore</td>
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<tr>
<td>Flintec Transducers (Pvt.) Ltd.</td>
<td>Sri Lanka</td>
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## Exhibitors:

<table>
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<th>Company</th>
<th>Product/Services</th>
</tr>
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<tbody>
<tr>
<td>JAPAN UNIX</td>
<td>Soldering automation, peripherals</td>
</tr>
<tr>
<td>NANOTECH - TMI</td>
<td>Automation, EV, HVAC, Analytical Test &amp; Measurement Solution</td>
</tr>
<tr>
<td>Anritsu</td>
<td>Test, accessories, optical sensing</td>
</tr>
<tr>
<td>EFY Group</td>
<td>Electronics &amp; Technology digital &amp; print publication</td>
</tr>
<tr>
<td>Hakke Japan/Sumitron</td>
<td>Soldering/de-soldering, rework solutions</td>
</tr>
<tr>
<td>AEIS</td>
<td>Association of Electronics Industries in Singapore</td>
</tr>
<tr>
<td>Ray-Q (EWIS)</td>
<td>Components and harnesses for industrial applications</td>
</tr>
<tr>
<td>Zeiss</td>
<td>Reliable, high-quality measuring technology</td>
</tr>
<tr>
<td>Mectronics</td>
<td>SMT materials, cleaning, coating materials &amp; tools, thermal profiling</td>
</tr>
<tr>
<td>HTL Ltd.</td>
<td>Optical fiber cables &amp; component, connectivity &amp; wiring interconnect solutions</td>
</tr>
</tbody>
</table>

[www.ipcindia.org.in/emi-website](http://www.ipcindia.org.in/emi-website)
# India - Emerging Aerospace Electronics Hub

**4 August 2022 | Bengaluru**

**Hotel Taj, Mahatma Gandhi Road,**
Yellappa Chetty Layout, Bengaluru 560001

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### Inaugural Session

- **10:30 AM** Welcome Address by Dr. John W Mitchell, President & Chief Executive Officer, IPC
- **10:50 AM** Guest of Honour Address by Mr. S Somanath, Secretary, Department of Space & Chairman, Indian Space Research Organisation (ISRO)
- **11:10 AM** Chief Guest Address by Dr. C.N. Ashwath Narayan, Honourable Minister, Higher Education, IT & BT, Science & Technology and Skill Development Government of Karnataka
- **11:40 AM** Vote of Thanks by Mr. Sanjay Hupnikar, President, Europe and South Asia Operations, IPC
- **11:45 AM** Visit to Skill Challenge Competition Hall & meet participants from Indian electronics manufacturing companies

### Technical Session

- **12:00 PM** Presentation on “Harnessing Europa (a Jupiter-orbiting spacecraft) - NASA Project” by Jacklyn Perry, Johns Hopkins University Applied Physics Lab

### Panel Discussion

- **2:00 PM - 3:15 PM** “India: Emerging Aerospace Electronics Hub” – Opportunities, Challenges and Way Forward
  - Session Moderator: Mr. M Sankaran, Director, UR Rao Satellite Center (URSC)
  - Panel Members:
    - Wg Cdr Venugopal Menon (Retd), Hon. Secretary, Society of Indian Aerospace Technologies & Industries (SIATI)
    - Wg Cdr Rachit Bhattacharjee, CEO, Aerospace & Aviation Sector Skill Council (AASSC)
    - Mr. Ramachandran Natarajan, President, Aerospace Industry Development Association of Tamil Nadu (AIDAT)
    - Mr. Shashidhar V, Member of Association of Electronic Industries in Singapore (AEIS)
    - Mr. J Krishna Kumar, Scientist "F" Regional Director RCMA (APS), Member of CEMILAC, DRDO

### IPC Award Program

1. Top 12 Members engaged with IPC educational resources for last 5+ years
2. Volunteer of the Year (2020 – 2021) Professionals from industry contributing to IPC Globally
3. IEMI Supporting Partners:
   - Indian Associations & Chamber of Commerce
   - International Associations
   - Media Partners
   - Sponsors
4. Skill Challenge Winners & Runner up (India Region):
   - #Hand Soldering #Wire Harness #PCB Design

### International Delegates

- Holy Stone Holdings(S) Pte Ltd. - Singapore
- DYNACAST - Singapore
- HIBEX - Singapore
- Interflux Singapore Pte Ltd - Singapore
- Inout Enterprise Pte Ltd - Singapore
- American Tech - Singapore
- McCoy Pte Ltd - Singapore
- Marrath Trading and Contracting - Qatar
- GPV Lanka (Pvt) Ltd - Srilanka
- Flinteck Transducers (Pvt) Ltd - Srilanka

### Exhibitors

- **Company**
  - ISRO
  - NANGATE - TMI
  - JBC
  - EFY Group
  - Static Systems
  - Microtech
  - Zeiss
  - Advance Tech
  - Peninsula Electronics
  - EMI Solutions
  - Ray-G Interconnect
  - HITL

- **Product/Services**
  - Models of satellite, spacecraft, launchers
  - Automation, EV, HVAC, Analytical Test & Measurement Solution
  - Soldering automation, peripherals
  - Electronics & Technology digital & print publication
  - Electric fencing, metal detectors, entrance automation, polescan, security prods.
  - SMT materials, cleaning, coating materials & tools, thermal profiling
  - Reliable, high-quality measuring technology
  - Soldering, de-soldering, screw assembly, test & measurement, ESD, solutions
  - Quality products and services to aviation, space, defense and allied sectors
  - Test, accessories, optical sensing
  - EWIS components and harnesses for industrial applications
  - Optical fiber cables & component, connectivity & wiring interconnect solutions

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