



Confederation of Indian Industry

## 9<sup>th</sup> Smart Manufacturing Summit 2024

*Shaping the Future of Manufacturing with Digital Powered Innovation*

Friday, 13 December 2024 | Jacaranda Hall, India Habitat Centre, New Delhi

### PROGRAMME

**0900-1000 Hrs Registration**

**1000-1100 Hrs Opening Session**

*Globally, manufacturing is traversing new domains led by disruptive changes in technology and breakthrough innovations. Smart Manufacturing is driven by human centric transformation, Artificial Intelligence, Internet of Things and Advanced Robotics, merging the physical, digital, and biological worlds.*

*Digitalization is penetrating all market segments and will be the key process for organizations to stay globally competitive. Sustainability and the shift towards newer and higher skills is now being added as a future paradigm and is essential to become an integral part of organizations' strategy.*

*The Summit will address the crucial aspects such as enhancing global competitiveness, sustainable manufacturing, and developing ecosystem for new age manufacturing.*

**Welcome Remarks Mr Dilip Sawhney**

Chairman

CII National Committee on Smart Manufacturing, and Managing Director, Rockwell Automation India Ltd

**Context Setting Mr C V Raman**

Chairman

CII Smart Manufacturing Summit, and Member - Executive Committee, Maruti Suzuki India Pvt Ltd

**Address Mr Anish De**

Global Head of Energy, Natural Resources and Chemicals, Partner, KPMG in India

### ***Release of Report***

**“Industry 4.0 Adoption and Strategic Roadmap for Indian Manufacturing”**

**Address Mrs Anjali Singh**

Co-Chairperson

CII National Committee on Smart Manufacturing, and Executive Chairperson, ANAND Group India

**Closing Remarks Mr Dilip Sawhney**



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## 1100-1200 Hrs Panel Discussion on Smart Manufacturing for Global Competitiveness

*Implementing smart manufacturing strategies can significantly boost a company's competitive edge on a global scale. With human in loop manufacturing with advanced monitoring and analytics ensure quality control and enhanced productivity.*

*The panel will explore the key drivers to enhance Indian manufacturing competitiveness. It will explore opportunities for manufactures to collaborate and develop strategies for developing global value chains. The panel will delve into robotics and capabilities to scale up global competitiveness.*

- *Increasing the share of high-value manufacturing*
- *Develop self-sufficiency for competitiveness*
- *Enabling upskilling ecosystem*
- *Real-world case studies of Smart Factory Transformation*
- *Manufacturing for MSMEs including low-cost automation*

### **Moderator:**

- Mr Anup Wadhwa, Director, Automation Industry Association (AIA)

### **Presentation:**

- Mr Gyan Prakash, Chief Automation (One IT), Tata Steel Ltd

### **Panellists:**

- Mr T D Vaidyalingam, Chief Digital Officer HEIC, L&T Heavy Engineering
- Prof Sunil Jha, Professor, Department of Mechanical Engineering, IIT Delhi
- Mr Madhusudan N Kestur, Director, Ace Micromatic Group
- Mr V Jagannath, Chief Operating Officer, m2Nxt

## 1200-1300 Hrs Giga Factory for Digital Powered Innovation

### **1200-1220 Hrs**

### **Spotlight Session:**

- **Mr Rajiv Gandhi**  
Member - Executive Board Special Projects, Maruti Suzuki India Pvt Ltd

*With*

- **Mr Dilip Sawhney**  
Chairman, CII National Committee on Smart Manufacturing, and Managing Director, Rockwell Automation India Ltd



**1220-1300 Hrs**

**Panel Discussion:**

*New age industries to manufacture EV batteries, solar panels, electronic chips for advanced computing will create new pathways for Indian manufacturer to take global leadership.*

*The panel will explore strategies to amplify human capability, develop ecosystem to shape India's position in new age manufacturing. The Panel will discuss the balancing ways of achieving precision and volume.*

- *Achieving precision and volume – A key for growth in digital powered innovation*
- *Addressing workforce upskilling for the digital powered innovation environment*

**Moderator:**

- Mr Sandeep Chittora, Technical Director, KPMG

**Presentation:**

- Mr Sudeep Agarwal, Sr Vice President - Head of IT & Digital, ReNew Power

**Panellists:**

- Mr Pokala Sreekanth, General Manager - Project Planning, Ashok Leyland Ltd
- Mr Sundar Pelapur, Head - Customer Engineering - Conglomerates Business, Google

**1300-1400 Hrs Networking Lunch**

**1400-1500 Hrs Panel Discussion on AI and Digital Transformation for Global Supply Chains**

*AI and digital transformation are revolutionizing global supply chains by enhancing efficiency, resilience, and sustainability.*

*The panel will discuss practices crucial for building resilient supply chains that can adapt to disruptions and meet the demands of a rapidly changing global market.*

- *Adoption of AI - SME as key pillar for global supply chains*
- *Supply chain digitalization for enhancing performance and resilience*
- *Manufacturing in the age of AI*

**Moderator:**

- Mr S Devarajan, Sr Vice President (Advanced Manufacturing), TVS Motor Company

**Presentation:**

- Dr Asim Tewari, Professor (HAG) - Department of Mechanical Engineering and Faculty member - Center for Machine Intelligence and Data Science (C-MInDS), IIT, Mumbai



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**Panellists:**

- Mr Sreenivasa Chakravarti, Vice President, IoT & Digital Engineering, Tata Consultancy Services (TCS)
- Mr Gaurav Kataria, Vice President Digital (Manufacturing) & Chief Digital and Information Officer (CDIO), ITC Paper Boards Ltd
- Mr Bimal Puri, Senior Vice President & CIO (Fluoro Chemicals & Technical Textile Business), SRF Ltd

**1500-1600 Hrs Panel Discussion on Smart Manufacturing for Circular Economy and Sustainability**

*Increased global warming and environmental concerns have made sustainability a must have for business continuity. Manufacturers across the globe are considering material substitutions which are environmentally friendly, reprogrammable and self-healing.*

*The panel will discuss circular economy practices, implementation of AI and IoT to manage energy consumption, reducing environmental impact.*

1. Advanced Materials and recycling at end of life for circular economy
2. Energy transition of business towards adoption of sustainable practices
3. Product electrification and decarbonization
4. Strategizing green manufacturing

**Moderator:**

- Mr Saurabh Bhatnagar, Partner, KPMG

**Presentation:**

- Mr Asim Prasad, Chief General Manager, Gas Authority of India Ltd (GAIL)

**Panellists:**

- Mr Aman Kirloskar, Vice President, Kirloskar Pneumatic Mfg Co Ltd
- Dr Raju Goyal, Executive President, Chief Technical and Sustainability Officer, Ultratech Cement Ltd
- Mr Ankur Pancholi, Business Manager- Software & Control, Rockwell Automation India Pvt Ltd

**1600 Hrs Onwards Networking Tea & End of the Summit**

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