

MANUFACTURING 5.0 CONFERENCE & AWARDS 2026

Theme:

Human - Centric Sustainable.
Intelligent The Next Manufacturing Frontier

**AWARDS
2026**

CELEBRATING EXCELLENCE
IN MANUFACTURING



300+
Attendees



30+
Speakers



20+
Partners



250+
Brands



250+
Organisations

31st July 2026, Radisson Blu Hotel, New Delhi Dwarka

Our Partners

Platinum Partner



Gold Sponsor



Silver Partner



Exhibit Partner



Smart Manufacturing Partner



Digital Transformation Partner



Manufacturing Mobility & Workplace
Technology Partner



Knowledge Partner



Networking Partner





Overview:

The Indian manufacturing sector reached about US\$ 570–580 billion in 2025, growing at 6–7% CAGR, with a target to raise manufacturing's share of GDP to 25% by 2030. Growth is driven by PLI-linked sectors, infrastructure investment, and rising FDI, alongside a shift toward medium- and high-technology manufacturing. Key trends include AI-driven smart factories, sustainable and circular production models, and supply-chain localization, positioning India as a global high-value manufacturing hub by 2030.



About the Forum:

The manufacturing forum 2026 unites industrial leaders from plant managers to digital transformation officers to bridge the gap between legacy production and autonomous, smart-factory standards. The forum convenes manufacturing strategists, robotics engineers, and Industry 4.0 experts to exchange actionable strategies on predictive maintenance, additive manufacturing, and human-machine collaboration. As global markets shift, Nexus provides a high-impact environment for decision-makers to solve the industry's most pressing challenges from decarbonizing the factory floor to building software-defined supply chains that thrive on disruption.



Why Should you Attend?

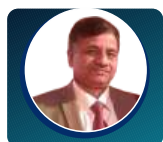
- Gain expert insights on AI-driven smart factories, Industry 5.0, and digital-twin-enabled manufacturing.
- Learn how to bridge legacy systems with next-gen automation, sustainability, and data-driven operations.
- Network with C-suite leaders, plant heads, and supply-chain decision-makers from top Indian manufacturing firms.
- Understand policy, regulatory, and ESG risks and convert them into practical, compliant strategies.
- Evaluate advanced automation, robotics, and green-manufacturing solutions to close the talent gap and boost productivity.



Key Objectives of Manufacturing Forum

- Showcasing AI-driven smart and autonomous factories as India's next-gen manufacturing standard, with real-world case studies from leading OEMs and MSMEs.
- Accelerating the shift from Industry 4.0 to human-centric Industry 5.0, focusing on AI-human collaboration, mass customization, and shop-floor well-being.
- Aligning Indian manufacturing with policy, ESG, and net-zero ambitions through green-manufacturing practices, circular-economy models, and energy-optimized plants.
- Building resilient, digital-enabled supply chains with IIoT, digital twins, and AI-driven risk analytics for disruption-proof production networks.
- Closing the skills and talent gap by spotlighting upskilling, robotics-aided operations, and practical roadmaps for smart-factory adoption across Indian manufacturing clusters.

Proposed Distinguished Experts



Mr. Vijay Goel
Executive Director
M/s. NTPC Ltd



Mr. Ajay Sharma
President & Head – Supply Chain Management
M/s. Usha International Ltd.



Mr. Ranit Rana
Associate Vice President, Co-Chairman
Railways Committee, PHDCCI; Railways Board
Member, ASSOCHAM; FICCI Board Member,
Sales & Distribution
M/s. Jindal Stainless Limited.



Mr. Gyanesh Pathak
AVP & Head - EHS, Sustainability & ESG
M/s. Bennett Coleman & Co Ltd



Dr. Aakash Shah
Head of E&S, General Manager,
ACeN India Renewables
M/s. ACEN



Ms. Shweta Punetha
National Manager – Public Affairs,
CSR & Sustainability
M/s. Hindustan Coca-Cola Beverages



Mr. Surender Tanwar
CEO
M/s. ROSTAN Technologies Pvt Ltd



Mr. Rajat Srivastav
Founder - CEO & CPO
M/s. Df-OS



Mr. Alok Shankar Pandey
Group General Manager – IT
Chief Information Security Officer
M/s. Dedicated Freight Corridor
Corporation of India Limited



Mr. Manjot Singh
Head and Senior Operations Manager
M/s. ITC Limited



Mr. Santanu Satpathy
Vice President (Works)/ Plant Head
M/s. JK Tyre & Industries Ltd.



Mr. Satish Kanagala
Head- Group ESG & EHS
M/s. Uno Minda Limited



Ms. Tanu S Ahuja
ESG & Sustainability Head
M/s. Vikas Group



Mr. Anirudha Samantaray
Vice President Operations
M/s. Facttwin



Mr. Saurabh Singh
Site Head
M/s. Grasim Industries Ltd



Mr. Gaganjeet Singh
Vice President , Plant Head
M/s. LG Electronics



Mr. Avinash Garg
President & CBO
M/s. Df-OS



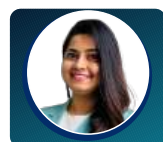
Mr. Murari Krishna
Group Head Business Transformation
& Mfg. Excellence
M/s. PVNA Group



Mr. Chamarthi Murali Mohan
Plant Head
M/s. Pidilite Industries Limited



Mr. Rajiv Ganju
Sr Vice President Manufacturing &
Global Supply Chain
M/s. Luminous Power
Technologies (P) Ltd



Ms. Ashwini Mavinkurve
Head - Sustainability & CSR, Automotive Business
M/s. SKF India Ltd.



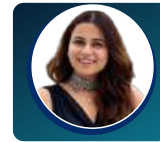
Ms. Tripti Jairath
Director - Operation
M/s. Eaton Power Quality Pvt Ltd.



Mr. Satyaki Chanda
Section Manager, Product Development,
Sustainability, Quality Management,
Transformational Leader
M/s. Volvo Group



Mr. Sourabh Bharti
Manufacturing Excellence Lead &
Strategy Advisor to MD
M/s. Pearl Global Industries Ltd



Ms. Akshita Shukla
Group Head ESG & CSR
M/s. PI Industries Ltd

Time	Session
09:00 AM - 10:00 AM	REGISTRATION
10:00 AM - 10:30 AM	LIGHTING OF LAMP & National Anthem and introduction by IBC HOST
10:45 AM - 11:15 AM	Keynote Topic 1 : To be confirmed
11:15 AM - 11:30 AM	Networking Break
11:30 AM - 12:30 PM	<p>Panel - 1</p> <p>AI, GenAI & Smart Factory Revolution</p> <p>The convergence of Artificial Intelligence, Generative AI, and Industrial IoT is fundamentally transforming how factories plan, produce, and perform. This session explores how manufacturers are deploying intelligent systems to drive operational excellence, predictive capabilities, and data-led decision-making across the shop floor and supply chain.</p> <ul style="list-style-type: none"> • Generative AI Applications in Design, Quality, and Production Planning. • Predictive and Prescriptive Maintenance using AI and Machine Learning. • Digital Twin Technology for Real-Time Simulation and Optimization. • Industrial IoT and Edge Computing for Shop Floor Intelligence. • Cybersecurity Challenges in a Hyper-Connected Smart Factory. • AI-Driven Energy Management for Sustainable Operations.
12:30 PM - 01:00 PM	Keynote Topic 2 : To be confirmed
01:00 PM - 02:00 PM	Networking Lunch
02:00 PM - 03:00 PM	<p>Panel - 2</p> <p>Circular Economy & Green Manufacturing - Advancing Sustainability:</p> <p>Circular Economy in Manufacturing demands a fundamental redesign of how resources are used, products are made, and waste is managed. This session brings together sustainability leaders to explore how manufacturers are embedding circularity into their core business models — reducing environmental footprint while unlocking new economic value.</p> <ul style="list-style-type: none"> • Cradle-to-Cradle Design Principles and Product Life Extension. • Waste Reduction, Material Efficiency, and Zero-Landfill Goals. • Carbon Neutrality Roadmaps and Science-Based Targets (SBTs). • ESG Reporting Frameworks — GRI, BRSR, and Investor Expectations. • Green Procurement and Sustainable Supplier Development. • Resource Recovery, Recycling Technologies, and Eco-Design Innovation. • EHS Integration with Sustainability Strategy for Holistic Impact.

Time	Session
03:00 PM - 03:45 PM	<p>Panel - 3 : Human-Machine Collaboration — Workforce of the Future in Industry 5.0 :</p> <p>Industry 5.0 restores the human element as the centrepiece of advanced manufacturing — not replacing workers, but empowering them with intelligent tools, collaborative robots, and augmented capabilities. This session explores how organizations are reskilling their workforce, redesigning safety systems, and creating a culture where humans and machines co-create value.</p> <ul style="list-style-type: none"> • Collaborative Robots (Cobots) — Deployment, Safety, and ROI. • AI-Powered Employee Health & Safety Monitoring on the Shop Floor. • Workforce Reskilling and Upskilling for Digital Manufacturing Roles. • Human-Centric Ergonomics and Workplace Design. • EHS 5.0 — Integrating Safety Technology with Culture and Leadership. • Diversity, Equity, and Inclusion in the Manufacturing Workforce. • Behavioural Safety and Psychological Well-being in Industrial Environments.
03:45 PM - 04:00 PM 04:00 PM - 04:15 PM 04:15 PM - 04:30 PM	<p>Partner Presentations - 3 slots of 15 minutes each:</p> <p>Slot 1 (3:45–4:00): [Partner Organisation 1] — <i>Topic / Solution</i></p> <p>Slot 2 (4:00–4:15): [Partner Organisation 2] — <i>Topic / Solution</i></p> <p>Slot 3 (4:15–4:30): [Partner Organisation 3] — <i>Topic / Solution</i></p>
04:45 PM Onwards	<p>Manufacturing 5.0 Awards Ceremony</p> <p>Closing Remarks & Vote of Thanks</p> <p>Group Photograph — All Delegates, Speakers & Partners</p> <p>Conference Concludes / Networking</p>

Manufacturing 5.0 Conference & Awards 2026

Theme:

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AWARD TITLES

Individual Awards

- Outstanding Young Manufacturing Leader (Under 40)
- Manufacturing 5.0 Plant of the Year
- AI-Driven Smart Factory Leadership Award
- Digital Twin–Enabled Operations Excellence Award
- Net-Zero Manufacturing Champion Award
- Circular Economy & Sustainable Manufacturing Award
- Resilient Supply Chain Leadership Award
- Additive Manufacturing Innovation Award
- Advanced Materials & Lightweight Design Award
- Human-Robot Collaboration Excellence Award
- Greenfield 5.0 Factory of the Year
- Brownfield Modernization Excellence Award
- MSME Smart Manufacturing Award
- Upskilling & Augmented Workforce Award
- Make-in-India 5.0 Export Champion Award
- AI-Driven Operations Excellence Award
- Digital Transformation Champion in Manufacturing
- Supply Chain Resilience & Visibility Award
- Sustainable & Green Manufacturing Award
- Circular Economy Leadership Award
- Additive Manufacturing Pioneer Award
- Human-Robot Collaboration & Augmented Workforce Award
- Greenfield Smart Factory Project of the Year
- ESG & Decarbonisation Leadership Award
- Robotics & Automation Innovation Leader Award
- Data-Driven Quality & Operational Excellence Award
- Young Manufacturing Innovator of the Year
- Women in Manufacturing 5.0 Leadership Award
- Lifetime Achievement in Modern Manufacturing

Organisation Awards

- Manufacturing 5.0 Company of the Year
- Industry 5.0 Human-Centric Manufacturing Organization Award
- Additive Manufacturing–Enabled Manufacturing Organization Award
- Advanced Materials & Lightweight Design Champion Award
- Greenfield 5.0 Smart Plant of the Year
- ESG & Decarbonisation Leadership Award
- Robotics & Automation Innovation Company Award
- Data-Driven Quality & Operational Excellence Award
- Make-in-India 5.0 Export Champion Award
- Workforce Upskilling & Augmented Workforce Organization Award Smart Manufacturing Organization of the Year
- Digital Transformation in Manufacturing Award
- Digital Twin–Powered Operations Award
- Predictive Analytics & Maintenance Excellence Award
- End-to-End Digital Supply Chain Award
- Sustainable Manufacturing & Green Operations Award
- Circular Economy Business Model Award
- Energy-Efficient Manufacturing Facility Award
- Human-Centric Manufacturing Organization Award
- Robotic Automation Adoption Award
- Digital Quality & Compliance Excellence Award
- Manufacturing Resilience & Risk Management Award
- Digital-First Factory of the Year
- MSME Digital Manufacturing Champion Award
- Manufacturing Innovation Ecosystem Partner Award

ATTENDING COMPANIES

