



Confederation of Indian Industry

CII Robotics, Drones, & Automation Summit & Expo 2026

“Automation for a Competitive, Resilient and Future-Ready India”

27- 28 April 2026

Bengaluru, Karnataka

Robotics, Drones & Automation - Rising Strategic and Economic Impact..

Role in Manufacturing Competitiveness

- ✓ Increase productivity by **20–30%**.
- ✓ Enables **precision, quality consistency**, and faster turnaround.
- ✓ Critical for **competing** with global manufacturing hubs

Impact on GDP, Exports, Jobs & Skills

- ✓ Potential **USD 30–50 billion** to India's GDP by 2030.
- ✓ Boosts exports of high-tech manufactured goods.
- ✓ Creates new-age jobs in robot design, AI programming.
- ✓ Stimulates demand for advanced STEM skills and vocational training.

Alignment with *Viksit Bharat@2047* Vision

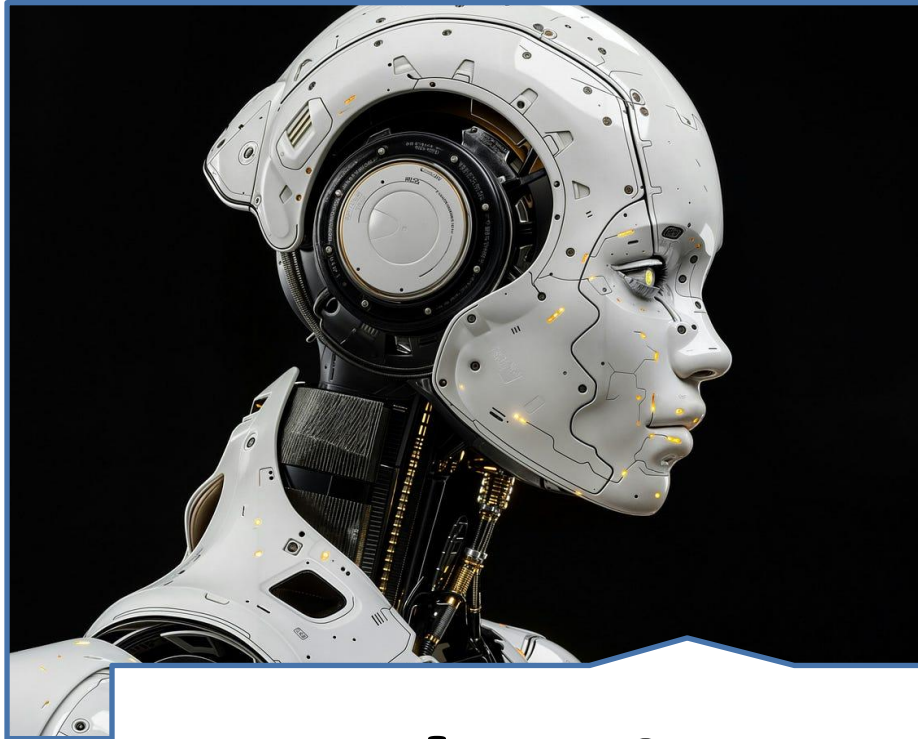
- ✓ Developed, **Self-Reliant India**
- ✓ Enables modern infrastructure, smart agriculture, and defence readiness

Indian Industrial Robotics ≈ **USD 3.5 by 2030** (CAGR of 13.1% from 2025 to 2030) - **Huge potential!**

Objectives

- I. Accelerate AtmaNirbhar Adoption:** Promote indigenous development, deployment, and scaling of robotics, drones, and automation across Indian industry.
- II. Enable Global-Industry Collaboration:** Connect Indian manufacturers, startups, and policymakers with global technology leaders, investors, and solution providers.
- III. Build a Collaborative Ecosystem:** To bring together government, industry, startups, and academia on a common platform to drive strategic partnerships, policy frameworks, and investments for Robotics, Drones & Automation self-reliance.

Thematic Tracks & Key Elements



Robotics



Drones



Automation

Conference

Exhibition

**Compendium
& Report**

Site Visits

**Networking
Opportunities**

Stakeholders

**Government
& Policy
Makers**

**Industry
leaders &
CTOs,
CXOs**

**Academic
& Research
Institutions
& Labs**

**Startups
& MSMEs**

**Global
Associations**

Students

A Collaborative Ecosystem



Suggested Agenda

Day 1: 27 April 2026	
Timings	Session name
1000 – 1100 Hrs	Inaugural Session
1100 – 1115 Hrs	Inauguration of Exhibition
1130 – 1230 Hrs	Session 1: Smart Automation in Manufacturing: The Next Efficiency Leap
1230 – 1330 Hrs	Session 2: Data Utilization in Automation: Turning Information into Action
1330 – 1430 Hrs	Lunch
1430 – 1530 Hrs	Session 3: Strengthening Healthcare Infrastructure through Robotics: An AtmaNirbhar India View
1530 – 1630 Hrs	Session 4: Strengthening Defence & Non-Defence Capabilities through Drone Technologies
1630 – 1730 Hrs	Session 5: From Sensors to Systems: IT–IoT Integration in Robotics, Drones and Automation
1730 – 1800 Hrs	Networking Tea & Close of Day 1

Day 2: 28 April 2026
Site Visits to Proposed Organisations
1. Omron
2. GE
3. Dynamatic Technologies
4. Centum
5. Indian Institute of Science (IISc)
6. Centre for Artificial Intelligence & Robotics (CAIR)
Close of Summit

Key Outcomes



Accelerated adoption of Robotics, Drones and Automation across key sectors.

Stronger Industry–Startup–Academia Collaboration for Innovation and Deployment.

Actionable policy inputs to strengthen India's Robotics, Drones & Automation Ecosystem.

Talent development and upskilling for Future-ready Automation jobs.

Improved MSME Awareness, Access and Readiness for Automation Adoption.

Positioning India as a Global hub for Robotics, Automation and Drone Technologies.

Enhanced Technology Commercialization and Deployment through faster Translation of Innovations into Scalable, Industry-ready Solutions.

Glimpses from Past

An Exclusive High Level Thought Leadership Plenary on Robotics, Drones & Automation held during CII Annual Summit & Exposition on Deep Tech - Dec' 2025

Key Partner: Department of Science and Technology, Govt of India

400+ Participants





Looking forward to your partnership

Thank You

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