



IIAREE 2023

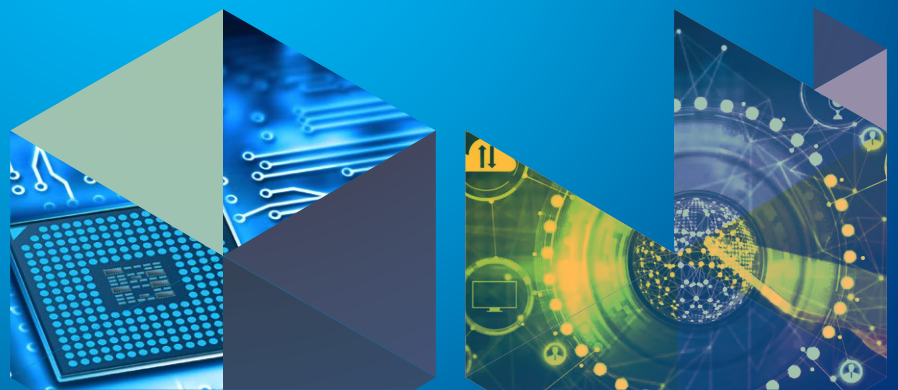
4TH India Industrial Automation Robotics and Electronics Expo

EFFICIENCY, RELIABILITY AND ACCURACY

16-18 FEBRUARY, 2023

A focus Event at


25th 
25th International Engineering and Technology Fair



The industrial automation and instrumentation market in India is estimated to grow by USD 1.92 billion from 2020 to 2025, and the market's growth is anticipated to accelerate at a CAGR of 8.62%.

The global market for industrial robots was sized at about 43.8 billion U.S. dollars in 2021. The market is expected to grow at a compound annual growth rate (CAGR) of around 10 percent, reaching almost 70.6 billion U.S. dollars by 2028. India Industrial Robotics Market CAGR is expected to be 13% during the forecast period and the market size is expected to reach nearly US\$ 9.02 Bn. by 2027.

By 2025, India aims to achieve a GDP of \$5 trillion and a digital economy of \$1 trillion. Since electronics underpin manufacturing, the demand for electronic products will rise to \$400 billion by 2025.

The domestic market is expected to increase from US\$65 billion to US\$180 billion over the next 5 years. This will make electronics amongst India's 2-3 top ranking exports by 2026. Of the US\$300 billion, exports are expected to increase from the projected US\$15 billion in 2021-22 to US\$120 billion by 2026.



Past Show Statistics

IIAREE 2021 Virtual Expo on CII Hive

50+
Exhibitors

3000+
Industrial Visitors

25+
Knowledge Sessions &
Conferences

IIAREE 2019

90%
of the Exhibitors were happy with the response to their products/ services.

93%
Exhibitors generated business enquiries at IETF 2019 wherein 8% of the exhibitors received more than 100 enquiries.

More than
50%
of visitors visited this edition of IETF 2019 who were looking for new product and services where as 47% of the visitors visited the event to upgrade the knowledge and general awareness

More than
90%
of visitors found the product/ services in the exhibition in which they were particularly interested.



Opportunities

- ▶ One of the leading Exhibition on Industrial Automation, Robotics & Electronics in India
- ▶ An Opportunity to Network with prospects from top-notch companies
- ▶ To exhibit your expertise to decision makers from across the industry
- ▶ An opportunity to learn the latest advancements and technologies
- ▶ Best platform to know what your competitors are doing in the field of Industrial Automation
- ▶ A Platform, promoting the Next Generation of Big Businesses
- ▶ Delivering Excellence and Innovation for Future Businesses
- ▶ A Mega International B2B Event for Engineering & Technology
- ▶ A Platform to Network & Forge Partnerships with the Govt. & Industry Stakeholders
- ▶ A Global Hub for Sourcing by the Industry

Advantage India

Robust Demand

The appliances and consumer electronics (ACE) market in India is expected to grow to US\$ 21.18 billion by 2025 from US\$ 10.93 billion in 2019.

As per a report by NITI Aayog and RMI India, the electric vehicles financing industry in India is projected to grow to ~ US\$ 50 billion by 2030.

Increasing Investment

In the first half of FY21, India received ~US\$ 30 billion worth of funds through foreign direct investment, a 15% increase over the same period last year.

On November 19, 2021, Prime Minister, Mr. Narendra Modi laid the foundation stone for the Uttar Pradesh Defence Industrial Corridor project worth Rs. 400 crore (US\$ 53.73 million) in Jhansi.

Policy Support

In September 2021, the government approved PLI scheme worth Rs. 26,058 crore (US\$ 3.53 billion) for auto industry and drone industry to boost India's manufacturing capabilities.

In May 2021, the government approved a PLI scheme worth Rs. 18,000 crore (US\$ 2.47 billion) for production of advanced chemical cell (ACC) batteries.

Competitive Advantage

Increasing share of young working population.

India has potential to become a global manufacturing hub and by 2030, it can add more than US\$ 500 billion annually to the global economy.

Exhibitor Profile

Automation

- ▶ Factory, process and energy automation
- ▶ Control and regulating technology
- ▶ Measuring and testing technology
- ▶ Electrical and mechanical drive technology
- ▶ Motion Control
- ▶ Fluid technology
- ▶ Electrical automation technologies
- ▶ Robotics
- ▶ Linear technology
- ▶ Assembly and handling technology
- ▶ Sensors and industrial image processing
- ▶ Cable technologies
- ▶ Power transmission technology
- ▶ Transformers
- ▶ Linear technology
- ▶ Logistics automation and integrators
- ▶ Autonomous logistics
- ▶ Warehousing technology, pick & pack, shipping logistics

Robotics

Robot Manufacturing Systems

- ▶ For resin shaping
- ▶ For press
- ▶ For welding (Arc, Spot, Laser, etc.)
- ▶ For painting
- ▶ For machining (Load, Unload, Cut, Polish, Deburr)
- ▶ For assembly
- ▶ For electronic component mounting
- ▶ For receiving and shipping
- ▶ For material handling and conveyance
- ▶ For picking, alignment, and packing
- ▶ For clean rooms
- ▶ For food, cosmetics, and pharmaceuticals
- ▶ For measurement, inspection, test, and certification
- ▶ For research, development, and demonstration

Component Technology / Devices

- ▶ Vibration / Sensor / Control
- ▶ Motors
- ▶ Joints
- ▶ Hydraulic devices
- ▶ Actuators
- ▶ Robot arms and hands
- ▶ Electronic devices
- ▶ Conveyance devices
- ▶ End effectors
- ▶ Variable reducers and reducers
- ▶ Measurement equipment
- ▶ Sensors
- ▶ Recognition technology (Image, Sound, Contact, etc)

Components

- ▶ Gears and screws
- ▶ Cables
- ▶ Component
- ▶ Jigs

Robot SIER (Robot System Integrator)

- ▶ Development and design
- ▶ For factories
- ▶ For logistics and retail
- ▶ For service industry
- ▶ Other

Robot Simulation & Vision Systems (IRV)

- ▶ Robot Simulation
- ▶ Vision Systems

Electronics

- ▶ Assembly/automation equipment
- ▶ CAD and specialized design and manufacturing software
- ▶ Cables & connectors
- ▶ Cases
- ▶ Contract manufacturing
- ▶ Design & development tools
- ▶ Data acquisition
- ▶ Displays
- ▶ Education, training & certification
- ▶ Electronic instrumentation
- ▶ Electronic repair
- ▶ Electronic & electrical component supply
- ▶ Embedded computers & systems
- ▶ Enclosures & racks
- ▶ EMI/ EMC control & certification
- ▶ GPS controls
- ▶ Identification and labelling
- ▶ Industrial computers & platforms
- ▶ Industrial panels
- ▶ Instrument cases/accessories
- ▶ Integrated circuits
- ▶ Touchscreens and controls
- ▶ IOT (Internet of Things)
- ▶ LED/LCD displays
- ▶ Measurement & testing equipment and instruments
- ▶ Microelectronics
- ▶ Membranes & overlays
- ▶ PCB design & fabrication services
- ▶ Power converters, batteries & supplies
- ▶ Prototyping
- ▶ R&D technology
- ▶ Rework and repair systems
- ▶ RF microwave and wireless solutions
- ▶ Service & maintenance equipment
- ▶ Semiconductor & microchip technology
- ▶ Sensors and microsystems
- ▶ Solder pastes, fluxes and consumables
- ▶ Soldering tools
- ▶ Solar supplies
- ▶ Switches
- ▶ GPS controls
- ▶ Surface mount and through hole equipment
- ▶ 3D Manufacturing
- ▶ Test & measurement equipment



Visitor Profile

Government Departments

- ▶ R&D Lab
- ▶ Electricity Boards
- ▶ Defence Space
- ▶ Power Plants
- ▶ Testing Centres
- ▶ Railways
- ▶ Atomic Energy, BARC

Process Industries

- ▶ Oil & Gas - Upstream, Midstream & Downstream
- ▶ Chemicals & Petrochemicals, Fertilizers, Dyes
- ▶ Iron & Steel, Metal Industry
- ▶ Plastics, Rubber
- ▶ Textiles
- ▶ Pharmaceuticals
- ▶ Refineries
- ▶ Cement, Glass
- ▶ Paper
- ▶ Automobiles
- ▶ Printing Packing & Paper Mills
- ▶ Food Processing

By Industries

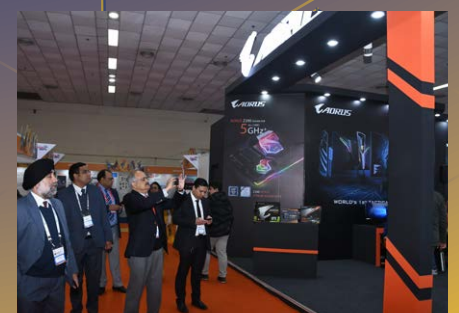
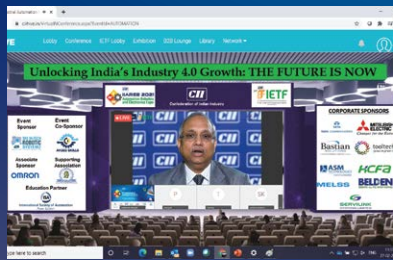
- ▶ OEMs
- ▶ Engineering Goods
- ▶ White Goods
- ▶ Consulting
- ▶ Energy (Wind, Thermal, Nuclear, Solar)
- ▶ Communication Systems
- ▶ Electronics & Electricals
- ▶ Machine Tool Manufacturers
- ▶ Communication Systems

People who are

- ▶ Presidents
- ▶ Vice Presidents
- ▶ Head of Engineering
- ▶ Manufacturers
- ▶ Project Managers
- ▶ Maintenance Engineers

- ▶ Operations Personnel
- ▶ Cloud Computing specialists
- ▶ Technical Directors
- ▶ Operations Managers
- ▶ System Integrators
- ▶ OEM's
- ▶ Design Engineers
- ▶ Marketing Managers
- ▶ Software Engineers
- ▶ Cybersecurity Head
- ▶ Chief Engineers
- ▶ R&D Manager
- ▶ Maintenance Personnel
- ▶ Managing Directors
- ▶ Plant Managers
- ▶ Practice Head

Glimpses from the Past





Confederation of Indian Industry

The Confederation of Indian Industry (CII) works to create and sustain an environment conducive to the development of India, partnering Industry, Government and civil society, through advisory and consultative processes.

CII is a non-government, not-for-profit, industry-led and industry-managed organization, with around 9000 members from the private as well as public sectors, including SMEs and MNCs, and an indirect membership of over 300,000 enterprises from 286 national and regional sectoral industry bodies.

For more than 125 years, CII has been engaged in shaping India's development journey and works proactively on transforming Indian Industry's engagement in national development. CII charts change by working closely with Government on policy issues, interfacing with thought leaders, and enhancing efficiency, competitiveness and business opportunities for industry through a range of specialized services and strategic global linkages. It also provides a platform for consensus-building and networking on key issues.

Extending its agenda beyond business, CII assists industry to identify and execute corporate citizenship programmes. Partnerships with civil society organizations carry forward corporate initiatives for integrated and inclusive development across diverse domains including affirmative action, livelihoods, diversity management, skill development, empowerment of women, and sustainable development, to name a few.

As India completes 75 years of Independence in 2022, it must position itself for global leadership with a long-term vision for India@100 in 2047. The role played by Indian industry will be central to the country's progress and success as a nation. CII, with the Theme for 2022-23 as Beyond India@75: Competitiveness, Growth, Sustainability, Internationalisation has prioritized 7 action points under these 4 sub-themes that will catalyze the journey of the country towards the vision of India@100.

With 62 offices, including 10 Centres of Excellence, in India, and 8 overseas offices in Australia, Egypt, Germany, Indonesia, Singapore, UAE, UK, and USA, as well as institutional partnerships with 350 counterpart organizations in 133 countries, CII serves as a reference point for Indian industry and the international business community.

Confederation of Indian Industry

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Reach us via CII Membership Helpline Number: 1800-103-1244