



**3<sup>rd</sup> Edition of Manufacturing and MSME  
Conclave**  
***Industry 5.0 - The Future of Manufacturing & MSMEs***  
**&**  
**Business Excellence Awards 2024**  
**Friday, 17th January 2025, 10.00 am, Kolkata**



Manufacturing and MSMEs are at the forefront for industrial and economic developments of a country. The interface of humans and smart technologies, herein referred to as Industrial Revolution 5.0, plays a pivotal role in scaling up the engineering/manufacturing domain and helps manufacturers to gain visibility, traceability and get data required to build and manage processes and to achieve sustainability goals in place. The intervention of Industry 5.0 helps MSMEs to develop their business acumen and emerge as a formidable player for furthering business developments and growth. Globally, the industry 5.0 market size was valued at USD 54.21 billion in 2023 and is anticipated to reach to around USD 822.38 billion by 2033 by growing at a CAGR of near about 31.25% from 2024 to 2033. The industry 5.0 market is driven by the growing need for large-scale customization.

India aspires to be a global manufacturing hub through initiatives such as Make in India, Skill India and Start-up India. Industry 5.0, being a human machine approach, especially with a focus on bringing tailor made products for consumers, has great potential to integrate and support initiatives to enable India to be as forerunner in smart and collaborative manufacturing systems.

Industry 5.0, is expected to revolutionize the manufacturing processes by allowing larger collaboration between humans and robots, thus leading to value added industrial output. It helps in quality mass production with an increased focus on product customization/personalization and sustainability. This new and emerging phase of industrialization is regarded as complementing the advances made in Industry 4.0, which was more of leveraging technology for maximum efficiency and high value performance.

The concept of industry 5.0 emphasizes on the importance of putting people first, thus prioritizing human well being with a prime focus on skill development and higher value employment, alongside technological advances. It goes beyond efficiency, with a strong focus on improving the productivity of workforce, achieving sustainability, etc and create a broader perspective as compared to industry 4.0. It is often described as providing a vision for industry that aims beyond efficiency and productivity as the sole goal and reinforces the role and contribution of industry to society at large.

Looking at the era of industrial revolution, Industry 5.0 is all set to take the stage for business developments. It emphasizes more on the integration of sustainability, resilience, human capabilities and advance technologies into industrial value creation, leading to a socially responsible production system and building a circular economy from economical, ecological and societal perspectives. This is the future for industry, which is expected to bring in more creativity and innovation in business operations and acts as a novel framework for shaping industry for the future.

The industrial revolution 5.0 with its slow and steady entry into the industrial market, there are key sectors like engineering/manufacturing, MSMEs, healthcare, logistics, education, etc look set to highly benefit from this new and emerging phase of industrial revolution, leading to increase in productivity, employee satisfaction & engagement and a special emphasis on product personalization and sustainability. Globally, the Industry 5.0 market is expected to reach to USD 255.70 billion by 2029 and there are sub continents like North America, Asia - Pacific, Europe, etc which has strengthened its industry base compare to the rest of the world, especially in the realm of manufacturing and MSMEs by very much adopting and implementing the concepts of Industry 5.0.

With this perspective in view and towards enabling a greater dialogue and action, ASSOCHAM is hosting **3rd edition of Manufacturing and MSME Conclave, focussing on Industry 5.0 - The Future of Manufacturing & MSMEs and Business Excellence Awards 2024** on **Friday, 17th January 2025 at 10.00 a.m. at Kolkata, West Bengal.**

The conclave would highlight on strategic thought, sustainable action, stakeholder impact and other areas and would help us to propel a vision for developing the engineering/manufacturing and MSME fraternity in the context of globalization, with a prime focus on Industrial Revolution 5.0 and by encouraging investments, bringing in sustainability and inclusive growth in the process of industrialization.

Together, we can set the future of manufacturing and MSMEs with emerging technologies and solutions in place followed by a planned and methodical approach of Industry 5.0 implementation and widespread avenues of investment opportunities, which would help in further business development and growth, leading to a better future. It is now time to collaborate, show leadership and pioneer change to strengthen the engineering/manufacturing sector, including MSMEs and Startups.

## **Business Excellence Awards**

On the occasion of the 3rd edition of Manufacturing and MSME Conclave, ASSOCHAM is organizing Business Excellence Awards to acknowledge and celebrate the achievements of Corporates and MSMEs (including Startups), Banks & other service organizations and the best Business practices followed by them, leading to business transformation and sustainability. The Business Excellence awards are highest recognition which has a significant and positive impact.

*(Kindly refer below the Award categories and for registration purposes, please use the attached nomination form. Kindly note that Awards are made at the discretion of the Selection Committee, based on nominations received)*

## **Why should you attend?**

The conclave would provide a detailed understanding on Industry 5.0 and its contributions, especially in the realm of Engineering/Manufacturing.

The platform aims to highlight the various Government policies, schemes, standards, rules and regulations, best practices, innovations, etc relating to implementation of Industry 5.0 in the engineering/manufacturing ecosystem.

The forum would help in networking with peers, experts, leaders, etc and help to draft a way forward on how better industry 5.0 could be adopted in the various manufacturing processes for increased as well as value added productivity, leading to further development and growth of the engineering/manufacturing workspace.

## **Focus Areas**

- Industrial Revolution 5.0 – The scenario and prospects
- Government policies, industry benchmarks leading to adoption of industry 5.0 with added resilience in manufacturing systems
- Opportunities and Challenges of Industrial Revolution 5.0
- Digitization and Technological advancements with Industry 5.0 with special emphasis on Artificial Intelligence, Machine Learning, Data Analytics & other advanced manufacturing technologies.
- Role of Industry 5.0 in Smart Logistics operations and management - Building responsive and distributed supply chains.
- Industry 5.0 Readiness - Nurturing Smart Manufacturing and Cutting Edge Products and Services
- Focus on strengthening integration of human workers and machines
- Smart Factory 5.0 Industrial automation leading for personalized manufacturing and delivering the highest customer experience.
- Celebrating wins: Success stories

## **Who Should Attend?**

The Conclave is designed for Senior and Mid Level Executives like Managing Directors, Senior Vice Presidents, Vice Presidents, Directors, Superintendents, Supervisors, Specialists, Engineers, Exporters/Importers, Managers, thought leaders from industry and various stakeholder groups, ESG and Sustainability leaders, Business entrepreneurs, etc from Manufacturing, MSMEs and Startups then Government officials, policy makers, regulators, research and academic institutes, R&D researchers, Technology providers, Banks and other service organizations, etc.

## **Session Deliverables:**

Strengthening leaders on key aspects of Industry 5.0 Global competitiveness and Quality excellence with integrated efforts of human and technology.

Apprise on various industrial policies, schemes, rules & regulations, standards, benefits, etc related to Industry 5.0 execution, enable the business leaders to restructure their engineering/manufacturing set up.

Exposure to best practices, initiatives, digitization and technological advancements, circular economy, ESG framework, innovations, smart logistics solutions, etc. leading to Smart factories of the future with a prime focus on engineering/manufacturing, MSMEs, Startups and allied sectors.

Last but not the least, the conclave would act as a platform to streamline and develop the manufacturing business and help in the transformation of industry 5.0 to bring in inclusive growth towards socio - economic and industrial developments of a region.

## **Why Should you Partner this event?**

The Industry is evolving and shifting towards Industry 5.0 and Smart factories by leveraging the benefits of emerging technologies and innovations. This would lead to transparency along with efficiency and accuracy in the overall business operations. Partnering the 3rd Edition of Manufacturing and MSME Conclave and Business Excellence Awards 2024, would enable your organization to brand and promote the business offerings in a unique way to delegates, representing various segments of industry, leading to enhancement of manufacturing/business processes to the next level.

## **Award Categories**

**(For participation, please refer to Nomination Form)**

Award for Best Manufacturing Company of the Year  
Award for Best Community of Practice of the Year  
Award for Excellence in Manufacturing process of the Year  
Award for Excellence in Productivity of the Year  
Award for Best Exporter of the Year  
Award for Best MSME Exporter of the Year  
Award for Early adopter of Industry 5.0 of the Year  
Award for Excellence in Production Planning of the Year  
Award for Best Product customization/personalization of the Year  
Excellence in Customer Services of the Year Award  
Award for Best Industrial Re - engineering in the context of Industry 5.0 of the Year  
Award for Best Corporate Governance Transformation of the Year  
Award for Excellence in Digitization and Automation at workplace  
Best Team for promoting 5.0 of the Year Award  
Award for Best Technology company supporting organizations for Industry 5.0 readiness  
Award for Best Contribution to Circular economy of the Year  
Award for Best Employee Engagement of the Year  
Leading manufacturer committed to industry 5.0 of the Year Award  
Award for Best Diversity, Equity and Inclusion initiatives of the Year  
Award for Best Distribution Strategy and Sustainable Supply Chain Framework of the Year  
Leading MSME (including Startup) working towards Industry 5.0 of the Year Award  
Award for Best Practices, Initiatives and Innovations of the Year  
Smart and Future Ready Factory of the Year Award  
Award for Best Innovative Project and Innovative Product of the Year  
Award for Best Expansion/Diversification with focus on Smart factory of the Year  
Best Energy Saving Initiatives of the Year Award  
Award for Best Innovator in Manufacturing and MSMEs (including Startups) of the Year  
Award for Excellence in Operations and Quality Manufacturing of the Year  
Award for Business Excellence of the Year  
Best Cost Optimization Initiatives of the Year Award  
Award for Excellence in HSE & Sustainability Initiatives of the Year  
Award for Excellence in Smart Waste Management Initiative of the Year  
Award for Excellence in Machine Health Monitoring of the Year  
Award for Most Sustainable Manufacturing Unit or MSME (including Startup) of the Year  
Green Manufacturer of the Year Award  
Award for Best CSR Project of the Year Award  
Best Banker of the Year Award  
Best Research and Development Organization of the Year Award  
Award for Best Supply Chain leader of the Year  
Award for Excellence in Workforce Management of the Year  
Award for Best Industry 5.0 Campaign for Strengthening Global Partnerships

## Glimpses of Past Events







**For any further clarification(s), please contact undersigned:**

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