



Confederation of Indian Industry



12th Edition

Manufacturing Innovation Conclave

"Industry 4.0 : From Vision to Action"

Manufacturing the future

Friday, 26 August 2022 : The Lalit, New Delhi

www.cii-mic.com

Programme

1000 - 1100 hrs
Inaugural Session: "Industry 4.0 : From Vision to Action"

Organizations are increasingly embracing industry 4.0 practices to improve core operations (productivity, quality, safety and enhances asset life) and Industry 4.0 enables better collaboration and decision making across the organisation through real time visibility and insights.

Also, organisations are leveraging Industry 4.0 to envision new business and operating models accompanied by new offerings & solutions for customers and Implementing Industry 4.0 requires more than a basic technology implementation and mandates a holistic design and implementation strategy

Discussion Points:

- How can organisations ensure that their Industry 4.0 vision is leading to action and outcomes on the ground?
- Are there practices that can help organizations enable smooth and speedy implementation?
- The need to transform mindset across the organization on implementing industry 4.0
- Moving forward, how do Indian corporates orchestrate an Industry 4.0 roadmap, keeping in view their organization's priorities, culture, capabilities, and digital maturity level.

Release of **CII-Deloitte** Report on **"Industry 4.0: From Vision to Action"**

1055 hrs	Inaugural Session Concludes
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1100 – 1200 hrs
Panel Discussion I: "Leveraging advances in Industry 4.0 : Big Data analytics and Digital Twins"

Background:

- Big data and analytics and digital twins are becoming increasingly popular with their vast acceptance and usage in various fields across various departments.
- Organizations are making use of Big Data and Analytics to explore data in depth and uncover business insights such as hidden patterns, market trends, correlations, and predict customer sentiments to make well informed business decisions.
- Digital twin has enabled reduction in time taken to launch product and improve product/service performance

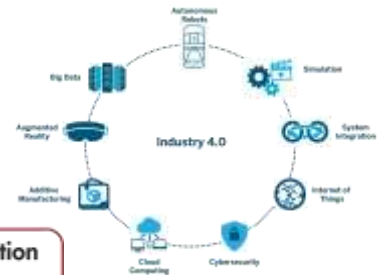
Discussion points:

- How can manufacturing companies integrate existing technological infrastructure with big data analytics and digital twin to optimize asset performance?
- What factors Indian manufacturers should consider before adopting these technologies? What are the key risks and challenges of these technologies?
- How does big data analytics and digital twin enhance profitability of an organization?

1200 hrs	Session concludes
1200 – 1215 hrs	Tea / Coffee Break



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1215 – 1315 hrs

Panel Discussion II: “Evolving business models: Connected products and Products as a service”

Background:

- Emergence of ‘as-a-service’ offerings by embedding sensors into products (e.g., turning machinery from capex to opex for manufacturers, leveraging pay-by usage or subscription-based models)
- Connected products are increasingly being prevalent in not just industries but also in homes and cars and numerous other sectors
- Products as a service makes it convenient for users to avoid hassle of maintenance and high upfront payment

Discussion points:

- How have ‘products as a service’ disrupted conventional business models and how is the future looking like?
- How are connected products revolutionizing the way consumers live?
- What is the outlook on ‘Equipment’ as a service for machine manufacturers?

1315 hrs	Session concludes
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1315 – 1415 hrs

Panel Discussion III: “Creating a digital ecosystem”

Background:

- A digital ecosystem consists of internal processes, platforms, and systems, along with external partners such as suppliers, distributors, third-party service providers, and customers and all their respective technologies.
- Organizations want to enhance transparency across the entire value chain including suppliers, distributors and customers
- The pandemic has catalyzed rapid adoption of digital practices

Discussion:

- How does digital ecosystem unlock value addition and increase pace of implementation?
- The need to encompass all stakeholders to be part of digital ecosystem
- What are the steps in creating a digital ecosystem and what roles will Indian manufacturers play?

1415 hrs	Session concludes
1415 onwards	Networking Lunch & Conclave Concludes