

**Date: Wednesday, 20<sup>th</sup> October 2021**

**Time: 11:00-12:00**

**1) “Manufacturing” – The Game Changer for India 2021**  
**Is India the next global manufacturing hub?**

Businesses across all verticals got affected by the COVID-19 spread, except for the manufacturing sector, which acted as a game-changer, presenting both opportunities and challenges. The nation has a golden opportunity staring right at us. If grabbed and executed well, we can rise as the global manufacturing hub. This session gives us learnings and methods from the industry stalwarts to ensure that the manufacturing sector achieves its mission in game changing the economy, Also this session gives us a detailed information on how the government of India has taken various initiatives to better the manufacturing segment through its various endeavours.

- Future of Make in India & Digital Initiatives in Manufacturing
- Driving the adoption of Atmanirbhar Bharat
- Moulding the sector in reaping numerous and large prospects
- Latest initiatives taken by government to better the manufacturing segment and new schemes for MSMEs in India
- Brainstorming other aspects to making India a manufacturing hub
- Why MSME sector is the key to unlock India's economic growth
- Public and private partnerships

**Date: Thursday, 21<sup>st</sup> October, 2021**

**Time: 11:00-12:00**

**2) Industry 4.0 and Smart Manufacturing – From Hype to ROI**

Rapid changes in technology, and the many options available for the manufacturing sectors, have caused some manufacturers to hesitate when it comes to making investments in technology. No company can make a good decision if the payback isn't clear. Manufacturers need to first figure out how to project the ROI on any tech investment they make. Secondly, they need to decide whether to build a solution, or buy a solution from an external provider and, in both cases, they must be aware of the amount of effort involved to implement. Today, in the era of industry 4.0, smart manufacturing industrial organizations put their digital transformation at the very top of their strategic agenda.

Digital transformation in the Industry 4.0 era will improve the competitiveness of industrial organizations, while at the same time boosting their ability to make optimal decisions. Despite the hype surrounding new concepts in enterprise processes, Industry 4.0 have some tangible use cases with proven ROI. Industry 4.0 could add up to \$14.2 trillion to the global economy by 2030. Therefore, understanding industry 4.0 ROI-generating use cases is a key step towards shaping a

successful digital transformation strategy. There are many instances of successful IIoT deployments. In this session hear it from the horses mouth how and why they have leveraged the industry 4.0 and created the smart factories of future.

- How smart really is “smart manufacturing” and what’s next for Industry 4.0?
- Ensuring Return on Investment in Smart Manufacturing Implementation
- Understanding cost and return dynamics of digital interventions
- Addressing implementation challenges
- Is Digitalisation the next step in Lean Manufacturing?
- Real ROI examples
- Advanced Manufacturing - Digitalisation and Automation for Accelerated Productivity and Growth
- What do manufacturers need to know to be able to embrace Industry 4.0?
- What funding and finance is available to help manufacturers innovate?
- Change management & workforce training for the future to create and support more agile organizations for Industry 4.0 implementation
- How is Covid-19 affecting Industry 4.0 and future of innovation?
- COVID-19: is manufacturing prepared for home working

**Date : Friday , 22<sup>nd</sup> October 2021**

**Time : 11:00-12:00**

**3) Automating India - “Connecting Man & Machine”  
Embracing the rise of Robotics & Automation in Indian manufacturing**

As automation increases across industries around the world, the number of such machines in India too continues to grow , the number of industrial robots has doubled in the last five years. India is emerging as one of the world’s top markets for robots and AI-driven work. Indian Manufacturing and machining sector has been redefining itself by leveraging newer technologies of Industry 4.0. It is now time to march towards Industry 5.0 where we plan and execute seamless collaboration between humans and smart systems.

Meet the top 5 companies leading the way in industry automation.

- Are we ready to embrace Industry 5.0?
- Opportunities, Challenges and future of robotics in India
- Roadmap to setting the right digital framework
- Planning the COVID -19 exit strategy with the help of technology
- Enabling use of technology for medium and small
- Meeting the required skill set for industry 5.0
- A mix of robotics, AI and IoT is making the Indian factory smarter. How will the shop floor look 10 years from now?

**Date: Saturday, 23<sup>rd</sup> October 2021**

**Time: 11:00-12:00**

- 4) Exclusive Session: “Women in Manufacturing  
(One to one Interview Session with inspiring women in manufacturing)

**Date: Sunday, 24<sup>th</sup> October 2021**

**Time: 11:00-12:00**

- 5) **The NEXT BIG THINK!- “Decoding the EV Roadmap in India”**

The global automotive industry is undergoing a paradigm shift at present in trying to switch to alternative/less energy intensive options. India, too, is investing in this electric mobility shift. The burden of oil imports, rising pollution, and as well as international commitments to combat global climate change are among key factors motivating India’s recent policies to speed up the transition to e-mobility. The Indian automotive industry is the fifth largest in the world and is slated to be the third largest by 2030. India has envisioned a clear road map for a major transformation to electric vehicles (EVs) by 2030. The government’s keenness to eliminate the pre-existing roadblocks by making swift policy changes for sustainable mobility is encouraging growth in the segment.

By making the shift towards electric vehicles (EVs), India stands to benefit on many fronts: it has a relative abundance of renewable energy resources and availability of skilled manpower in the technology and manufacturing sectors.

- How can India transition to electric vehicles?
- Preparing Indian cities for a shift to e-mobility
- India poised to be top EV manufacturing hub
- Challenges and opportunities ahead
- Mobilising finance for EV’S in India
- Opportunity in EV battery and cell manufacturing in India
- Impact of electric vehicles on the cutting tools industry and opportunities ahead

