Programme

0900 – 0955 hrs | Registration

0955 – 1000 hrs | Welcome and context setting
This brief session will provide the overall plan for the day

0955 – 1000 hrs	Address	**Sunjay J Kapur** Co-chairman, CII Smart Manufacturing Council and CEO, Sona Group

1000 – 1100 hrs | Opening Plenary Session

What is the major change you see for your business through digitalization? How do you adapt your strategy to make sure that you benefit from digital transformation? What new business models arise through the digital transformation and digitized manufacturing and how will that change the way you as a start-up / a medium-sized enterprise do business? Innovation is not only happening within one company today, but in cooperation between different companies. How will business/research cooperation in future look like? For medium-sized companies in particular, the opportunity must be given to test digitization before it can be put to productive use. How do you do this? Looking at the rapidly changing world in digitised manufacturing and the future developments for the work environment, what is the most urgent need for educational qualification of workers today? How do you ensure that your employees are well trained? Governments world over are becoming increasingly conscious. What are some of the best practices? What are the learnings?

1000 – 1020 hrs	Keynote address	**Dr Norbert Gaus** Executive VP and Head - R&D in Digitalization and Automation, Siemens AG
1020 – 1100 hrs	**Panel Discussion** **Moderator** **Gaurie Dwivedi** Senior Editor, NewsX	**Anna Roy** Advisor, NITI Aayog **Dr Norbert Gaus** Executive VP and Head - R&D in Digitalization and Automation, Siemens AG **Sunjay J Kapur** Co-chairman, CII Smart Manufacturing Council and CEO, Sona Group

1100 – 1200 hrs | Inaugural Session

The Inaugural session will set the context for the Summit
- Overall status of smart manufacturing in India
- Steps to be taken at macro, meso and micro levels to foster adoption of smart manufacturing in India
- Overview of the various initiatives being undertaken by CII in this space
- Insights into Germany's strategy towards adopting industry 4.0 – macro and firm level perspective
- Role of inter-ministerial coordination by Government
- Launch of CII portal on Smart Manufacturing case-studies

1100 – 1110 hrs	Welcome remarks by session chair	**Sunil Mathur** Chairman, CII Smart Manufacturing Council and CEO & Managing Director, Siemens Ltd., India
1110 – 1120 hrs	Remarks	**Chandrajit Banerjee** Director General, CII
1120 – 1130 hrs	Special remarks	**Dr Norbert Gaus** Executive VP and Head - R&D in Digitalization and Automation, Siemens AG and Representative, Platform Industrie 4.0, Germany
1130 – 1140 hrs	Special remarks	**H.E. Dr Martin Ney** Ambassador of Federal Republic of Germany
1140 – 1155 hrs	Inaugural Keynote	**Prof Ashutosh Sharma** Secretary, Department of Science and Technology
	Launch of **www.ciismart.in**	
1155 – 1200 hrs	Concluding remarks	**Sunjay J Kapur** Co-chairman, CII Smart Manufacturing Council and CEO, Sona Group

1200 - 1300 hrs | Smart Keynotes

The series of keynote addresses (10 mins talk + 5 mins QnA) would cover two broad aspects –
- Technologies enabling industry 4.0
  - Robotics, Additive manufacturing (3D printing), Simulation, Big data analytics, Blockchain, Artificial Intelligence, Augmented reality, etc.
- Deployment journeys
  - Showcase of specific use-cases through keynotes and joint presentations providing insights into implementation journeys of companies

1200 – 1215 hrs	**How Hero MotoCorp is approaching Digitalization specially in manufacturing?** *An Automotive Giant's approach and journey towards Digitalization and the various steps taken by the company to deal with the changing paradigm shifts in the manufacturing sector.* **Vijay Sethi,** CIO, Hero MotoCorp
1215 – 1230 hrs	**UNIDO's role in creating the right eco-system for Smart Manufacturing** *Fostering adoption of smart manufacturing in India will require immense focus in driving the activities at the macro level and creating a conducive eco-system. The role of global multi-lateral agencies will add significant value to this front. Through this presentation, we will understand UNIDO's vision of building the right eco-system and the several steps/ initiatives taken towards achieving the same.* **Rene Van Berkel,** Representative, Regional Office India, UNIDO
1230 – 1245 hrs	*Joint Presentation: Creating Impact with Digitalization and Industry 4.0 in Discrete Manufacturing* *While Digitalization and Industry 4.0 are today's hot buzz words, defining context, and roadmap for tangible outcomes remain last mile challenges as many manufacturers undertake this journey, uncertain about ROI. Ace Micromatic presents with Triveni, how implementation of Digital Factory and Advanced Production workflows have helped create impact, from the get-go. Driving digital recipes, Visual factory, Integration with enterprise assets, providing advanced actionable analytics for driving greater throughput and productivity on the shop-floor, this talk explores Smart Manufacturing software in action.* **Chandrashekhar Bharathi,** Managing Director, Ace Micromatic and **Chandrashekhar Shetty,** General Manager, Triveni Turbines Ltd
1245 – 1300 hrs	**Joint Presentation: Smart Manufacturing with 3D Printing** *Manufacturing with additive technology is not a distant future. Honda Cars India takes the lead in revolutionizing the shop-floor with 3D printed jigs and fixtures resulting in saving time, cost, improving quality and worker comfort.* *3D printing is part of something bigger: the realization of the next manufacturing revolution on the shop-floor.* **Rajiv Bajaj**, Managing Director – India and South East Asia, Stratasys and **Mukesh Manocha**, AGM, Honda Cars India Ltd

4th SMART MANUFACTURING SUMMIT 2018

26th October 2018, Hotel Shangri-La, New Delhi

1300 - 1400 hrs | Lunch

1400 - 1645 hrs | Smart Keynotes

The series of keynote addresses (10 mins talk + 5 mins QnA) would cover two broad aspects –
- Technologies enabling industry 4.0
  - Robotics, Additive manufacturing (3D printing), Simulation, Big data analytics, Blockchain, Artificial Intelligence, Augmented reality, etc.
- Deployment journeys
  - Showcase of specific use-cases through keynotes and joint presentations providing insights into implementation journeys of companies

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1400- 1415 hrs | **Autonomous and Intelligent Smart Manufacturing**
The presentation with the help of two case-studies will discuss about key attributes that a company must focus while keeping the bigger picture in mind. The idea of starting early even if small and moving forward is the key to success.

Sameer Gandhi, Managing Director, Omron Industrial Automation India

1415 – 1430 hrs | **Journey towards Cognitive manufacturing through successful implementation stories**
Presentation will showcase relevance & context for Industry 4.0 for Indian Manufacturing, IBM point of view for Industry 4.0 for India's manufacturing excellence journey and stories on Industry 4,0 implementations and benefits.

Samiron Ghoshal, Managing Partner, India & South Asia, IBM Global Business Services

1430 – 1445 hrs | **Digital Manufacturing - Global Trends**
Global perspectives on how Digital transformation within the world of manufacturing truly pushes the imagination to the next level.

Scott Hunter, Regional Business Leader (APAC) – Manufacturing, Microsoft Singapore

1445 – 1500 hrs | **Powering industries @ ZonesCorp UAE**
Fatima Al Hammadi, Director, Investor Relations, ZonesCorp United Arab Emirates (UAE)

Signing of MoU between CII and ZonesCorp United Arab Emirates

1500 – 1515 hrs | **Nilesh Auti**
Head – Manufacturing, Tech Mahindra

1515 – 1530 hrs	**Approaching the value realization of smart manufacturing deployments** *Enterprises are looking at IoT/IIoT & Industry 4.0 with a lot of hope, yet many of them have not been able to realize the expectations set forth in the beginning. This talk will cover an approach towards value realization of the deployments of IoT/IIoT and Digital solutions for the manufacturing enterprises.* **Narendra Saini,** GM and Head, Product Management, Unlimit
1530 – 1545 hrs	**Artificial intelligence holds the key to future growth and success in manufacturing** *Learn how AI and predictive analytics are shaping the smart manufacturing sector. Understand key areas of application, challenges faced during adoption and strategies to integrate AI into the core of an organization.* **Dr Ganesh Natarajan,** Executive Chairman and Founder, 5F World
1545 – 1600 hrs	**IO Link enables Industry 4.0** *The address will cover how IO link technology with built in sensors and actuators (real source of data from the machines) forms the basis of industry 4.0. The company has been successful in enabling many such organizations through supply of IO link solutions who have reaped its benefits post implementation.* **Bipin Jirge,** Managing Director, IFM Electronic India
1600 – 1615 hrs	**Technology of tomorrow for the life of today** **Rama Shankar Pandey,** Managing Director, Hella India Lighting Ltd.
1615 – 1630 hrs	**Rotating Equipment Reliability and performance improvement through IIOT** *The address will give insights into a specific case-study of how SKF's smart spindle resulted into zero surprise failure through use of real-time data analysis, diagnostics, predictive maintenance supported by data validations and live reporting.* **Kumar Virani,** Manager - Manufacturing, SKF India Ltd
1630 – 1645 hrs	**Smart Manufacturing initiatives @ Fraunhofer** *The presentation will provide a brief overview of the immense work undertaken by Fraunhofer in the field of Smart Manufacturing in India.* **Rohit Rohilla**, Manager – Production technology, Fraunhofer India
1645 – 1700 hrs	**Joint Presentation – IoT Implementation Journey of Rane Engine Valve** *Levergent Technologies with Rane Engine Valve presents how implementation of IoT solutions helped Rane overcome existing challenges and reap benefits. Key aspects that helped Rane transition from ideation to decision making will help the audience visualize the journey of adoption and its importance.* **Dr S Rajkumar**, EVP, Rane Engine Valve Ltd. and **Venkat Sankaran**, Founder & CEO, Levergent Technologies

1645 - 1730 hrs – Scheduled B2B meetings
Dedicated 10 mins slot for meetings between service providers and potential users of smart manufacturing technologies, solutions, etc. Pre-registration compulsory.

* To be confirmed

-End of programme-