



# 1-day Program on “Harnessing the power of Industry 4.0 to transform”

Facilitating adoption by Indian manufacturing SMEs

**Date: 16<sup>th</sup> April, 2019 | Time: 10:00 AM to 05:00 PM**

**Venue: Quality Conference Hall, Engineers Bhawan,  
2 Bahadur Shah Zafar Marg, New Delhi-110002**











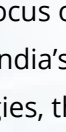
## Industry 4.0 (I4.0)

India aims to enhance manufacturing contribution to GDP from the present 16% to 25% by 2022 to create additional jobs and support the necessary skills development programs. This means synchronized efforts to develop SMEs, implement skill upgradation measures, adoption of sustainable manufacturing practices and rationalization of business regulations with the overall intent to enhance global competitiveness of India's discrete manufacturing sector. One of the ways to kick-start this transformation is by adopting selective Digital disruptive technologies which constitute the ongoing fourth industrial revolution i.e. Industry 4.0.

## OBJECTIVE

This workshop would help you acquire knowledge and awareness on the constituent technologies belonging to Industry 4.0 framework, why are they relevant to Indian discrete manufacturing SMEs, what implications they may have for your manufacturing business, how you may harness & influence new business opportunities and what would be the measures of success.

## PROGRAM SCHEDULE

TIME	ACTIVITY
09:30-10:00 hrs	 <b>Registrations</b>
10:00-11:00 hrs	 Introduction Session - <b>Elements / Digital Technologies of Industry 4.0 – definitions and understanding</b>
11:00-11:15 hrs	 Tea / Coffee Break
11:15-12:15 hrs	 <b>How Industry 4.0 Digital Technologies co-exist &amp; interface ?</b>
12:15-13:00 hrs	 Measurable Benefits of Digitalization – deciding upon the KPIs
13:00-14:00 hrs	 Lunch break
14:00-15:30 hrs	 <b>Industry 4.0 Maturity Assessment – As-is &amp; to-be &amp; Priorities</b> Assessment of adopting I4.0 Technology in respective organisation Implementation of I4.0 on product design to manufacturing value chain
15:30-15:45 hrs	 Tea / Coffee Break
15:45-16:00 hrs	 Course Summary & transition time line Incident Do's and Don'ts
16:00-16:15 hrs	 <b>Closure Discussion</b>
16:15-17:00 hrs	 <b>Certificate Distribution &amp; Closure of Program</b>

## SESSION BRIEF

### Elements / Digital Technologies of Industry 4.0 – definitions and understanding

This session will focus on 9 pillars of Industry 4.0 - understanding the constituent technologies, its benefits and relevance to India's manufacturing SMEs. The session will also focus on implementation aspects of the digital technologies, the readiness required & challenges specific to SMEs. At the end of this session the attendees will be able to get an idea of how to map their respective business challenges to the benefits accrued from technologies and therefore, gain insights of priorities they need to set for themselves.

### How Industry 4.0 Digital Technologies co-exist & interface ?

In any organization, systems and processes do not perform in isolation, they have to share data & information and they are expected to synergize and impact the expected benefits and create business value. Same is true for Industry 4.0 digital Technologies. This session will focus on the adoption and implementation aspects of such new technologies. What is the holistic view of a manufacturing organizations value chain? Where do these digital technologies fit in and co-exist and co-perform to deliver expected results.

### Measurable Benefits of Digitalization – deciding upon the KPIs

This session will focus on the benefits of Industry 4.0 and Digitalization. More importantly, which KPIs to track to assess what has been impact of adoption of digital technologies? The short term goal being improving the KPIs and long term goal being to optimize operations by appropriate design and manufacturing interventions – how these interventions can be planned and prioritized.

### Industry 4.0 Maturity Assessment – As-is & to-be & Priorities

This is proposed to be a workshop style session where the attendee organizations will have an opportunity to assess their respective maturity of adopting Industry 4.0 technologies in context of the product design to manufacturing value chain. The scoring criteria will be explained and then attendees will be asked to score themselves for “as-is” scenario and their aspirational “to-be” within a stipulated time period in the near future. The assessment will give an insight of their current readiness and maturity as well as of their priorities in context of their growth perspectives – which initiatives should be taken on short term and which can be done later.

## PROFILE OF THE FACULTY

### Gautam Dutta

Siemens Industry Software India  
Digital factory Division

Gautam has more than 30 years of experience in IT and PLM industries and has held leadership roles in organizations like TCS, IBM, Silicon Graphics, PTC and ANSYS. Currently, he is Senior Director Marketing with Siemens PLM Software in India and is part of the leadership team involved with the emerging value chains of –Electrification, Automation and Digitalization. Gautam has been the face for Industry 4.0 initiatives of Siemens in India and represents his organization in CII, FICCI and various industry associations.

Gautam is an alumnus from Delhi College of Engineering & IIT Madras. He is passionate about his profession and avidly contributes towards the transformation efforts of Indian Manufacturing community and towards making engineering the preferred profession for the new generation. His special area of interest and recent engagements have been in field of digitalization of India's manufacturing SMEs.

## PROGRAM FEES

**Rs. 3540/-**  
(incl. of GST)

## TARGET AUDIENCE

- Manufacturers, Industrialists, Entrepreneurs, Engineers (mechanical, production, research and automation), Heads of R&D, IT Heads, CIO, Middle & Senior level Managers in Production, Ops, Planning, Purchase, Supply Chain, Quality, Maintenance, Industrial Engineering, Project Engineering, Precision Makers, Industrial Manufacturing, Automation, Robotics and Consultancy Space who want to understand the 'WHAT' and learn 'HOW' to get their organization industry 4.0 ready.

## KEY BENEFITS

- Exposure regarding the adoption and implementation of digital technologies by the manufacturing organizations and its key challenges.
- Basic understanding regarding the readiness required by SMEs for adopting Industry 4.0.
- Participants can start identifying team, technologies, needs for conducting a proof of concept activity.

**REGISTER NOW**

LAST DATE FOR REGISTRATION: 8<sup>th</sup> April, 2019 (Monday)

Registration Link: <http://bit.ly/2NedbeS>

## PROGRAM COORDINATOR

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