



NATIONAL APEX CHAMBER

MSME MANAGEMENT DEVELOPMENT PROGRAM ON

Post COVID ANTIDOTE for MSME

Digital MSME, Digital India

INDUSTRY 4.0

Executive Summary

Digitization of the industry is prerequisite to adopt the Industry 4.0 environment fast seeping into our economy. I4.0 is primarily a marriage of traditional manufacturing with IOT technology. While the first industrial revolution was all about mechanisation, water and steam power, the second industrial revolution was characterised by mass production with focus on assembly line, the third was all about automation, Industry 4.0 is all about Cyber Physical Systems, where machines talk to each other. With India expected to become the fifth largest manufacturing country in the world by the end of year 2020, the nation needs to adopt the best, most efficient and cost-effective technologies in Manufacturing sector. Industry 4.0 is emerging as the enabler of 'Make in India' and a panacea for all the ills across all industry sector for-

- ° Better Efficiency and Cost Effective over a period of time
- ° Better Agility and innovation facilitation
- ° Better Customer Experience
- ° More profits over a period of time

The Management Development Program for MSME is a capacity building exercise and a basic level learning program to understand the digitization & innovation possibilities for Indian MSME to stay relevant for Industry 4.0 and how to adopt to the inevitable change for long term sustenance of the business houses.

Highlights

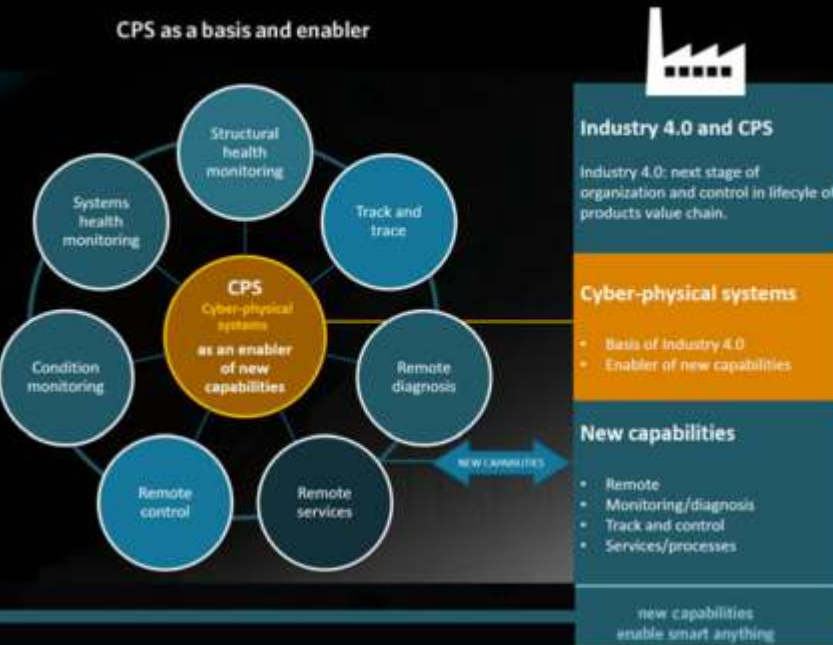
- To understand how digitization of MSME is a prerequisite to sustain & stay relevant in new age transition to i4.0
- To understand the value of MSMEs in India, the framework offered by the Industry 4.0 revolution for digitalization.
- Opportunity to meet the Industry 4.0 domain experts who will share their perspective on how businesses are adopting Industry 4.0 in across the sectors and using innovative technologies & platforms as a part of their growth strategies in manufacturing sector
- Discussion on core verticals for Industry 4.0
- Deliberations and networking focused on furthering the understanding of adopting Industry 4.0



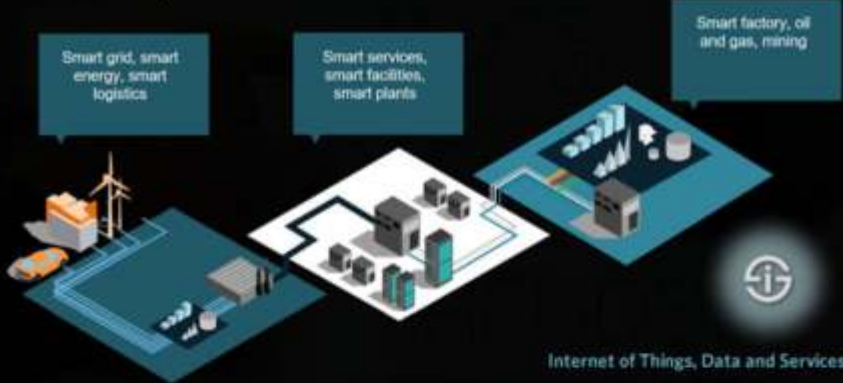
PROGRAM

CYBER-PHYSICAL SYSTEMS - The Industry 4.0 view

CPS as a basis and enabler



CPS > new capabilities > smart x



CPS: a system, an evolution



WORKSHOP I TOPICS

Relevance of 4IR

- Opportunities & challenges in transiting to digitization for i4.0 readiness.
- Genesis of industry 4.0
- Smart factory-Smart Operations-Smart products
- Data-driven services
- Cyber-Physical Systems-Identification, Integration of Sensors and Actuators, The Development of Sensors and Actuators
- Technological Pillars-Autonomous robots, simulation, Horizontal and vertical system integration, Block Chain, Technology applications for Trust building, The Industrial, Internet of Things, Cyber Security, The Cloud, Additive manufacturing, AR VR, Big Data & Analytics
- Q&A

WORKSHOP II TOPICS

Strategy and organisation for 4IR

- Organization specific industry 4.0 Vision
- Road map of industry 4.0 Strategy
- Identification of internal and external SUCCESS factors
- Organizational alignment - customer lifecycle processes and systems
- Preparation for transformation
- Reference architecture, standardization
- Proposal for industry 4.0 projects
- Barriers to implementation
- Q&A

WORKSHOP III TOPICS

Workforce alignment in 4IR regime

- Talent and workforce - Evolution or Revolution
- Strategic Workforce Planning
- Re-inventing the HR function
- Adoption of new workforce management technologies
- Diversity and inclusive workforce
- Up-skilling and Re-training current workforce

WORKSHOP FEE (Maximum - 20 SME Entrepreneurs/ Sr. Executives/CEOs/CMDs)

Rs. 10,000 + 5000 + GST per candidate

PROGRAM SCHEDULE : 03.00 PM to 05.30PM daily for 4 days in the 3rd week of April 2020

*** Special Offer for 20 MSMEs : Every participating Company will be given a "FREE ERP SOFTWARE" which is plug n play ready package - courtesy "BlocSpaze" Terms of reference will be provided with candidate registration confirmation, Registration on First Come First Serve Bases.**





NATIONAL APEX CHAMBER

About Us

PHD Chamber of Commerce & Industry, a leading Industry Chamber of India, ever since its inception in 1905, has been an active participant in the India Growth Story through its Advocacy Role for the Policy Makers and Regulators of the Country. Regular interactions, Seminars, Conference and Conclaves allow healthy and constructive discussions between the Government, Industry and International Agencies bringing out the Vitals for Growth. As a true representative of the Industry with a large membership base of 1,30,000 direct and indirect members, PHD Chamber has forged ahead leveraging its legacy with the Industry knowledge across sectors (58 Industry verticals being covered through Expert Committees), a deep understanding of the Economy at large and the populace at the micro level.

At a Global level we have been working with the Embassies and High Commissions in India to bring in the International Best Practices and Business Opportunities.

PHD Chamber has special focus on the following thrust areas:

- Economic & Business Policy Advocacy
- Industry
- Infrastructure
- Housing
- Health
- Education & Skill Development
- Agriculture & Agri-business
- ICT
- International Trade

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