

# FUSION 4.0

## INDUSTRY ENGAGEMENT PROGRAM

### FOR

## DRIVING INNOVATION IN MANUFACTURING ENTERPRISES

**FUSION 4.0 - Forum Uniting Startups & Industries On New technologies** is a smart manufacturing program from NASSCOM CoE aimed to build an ecosystem for process and discrete manufacturing companies co-create innovative solutions by implementing AI & IoT led digital technologies, working with Start-ups, system integrators, technology companies, research organizations and government



15+  
Industry  
Partners



500+  
Connected  
Startups



50+  
Enrolled  
Startups



10+  
Use Case  
POC



### Industry 4.0 Solutions

1 Condition Monitoring / Predictive Maintenance of high valued assets

2 Computer Vision/ IoT Solutions for quality inspection

3 AR/VR based Solutions for resource optimization

4 Smart energy management

5 Shop floor digitization

6 Workers health & Safety

7 AI and Analytics solution for process improvement

8 Inventory Management

9 Logistics Management

10 Security for Industrial IoT



#### Manufacturing Innovation Challenge (MIC)

First of a kind innovation platform for enterprise and start-up collaboration to solve complex manufacturing problems. Enterprise use cases are offered to deeptech startups as challenges, multiple rounds of rigorous evaluation create opportunity to review diverse proposals and helps finds the best solution provider



#### UDYAM 4.0 Smart Manufacturing Forum

Initiative to enable manufacturing enterprises ( with annual turnover less than INR 1000 Crore) to start, scale and sustain the manufacturing transformation journey. The forum shall provide support in three verticals namely Skill & Capability building, Handholding for Digital Journey and Branding & Market reach. This community will empower manufacturing enterprises to optimize the operations, maximize capacity utilization and build resilient supply chains.



#### Smart Manufacturing Competency Center (SMCC)

First-of-a-kind Competency Center to help accelerate the adoption of Industry 4.0 solutions. SMCC is designed for senior leaders from manufacturing companies to experience and learn Industry 4.0 applications through the demos of digital solutions showcased by technology companies and deep tech innovators.



#### GrowX – Startup Growth Accelerator

Acceleration Program helping Growth of deeptech Startups engaged in building digital solutions for the manufacturing industry. GrowX provides startups - business and technology mentoring through Samvaad 4.0, market access by leveraging our industry engagement initiatives, funding support from grants & Venture capitalist and product development infrastructure.



#### Smart Manufacturing Research Conclave

Initiative uniting academicians, researchers, solution providers and manufacturing leaders on one platform to share and discuss research findings and latest developments in and around Industry 4.0 and Smart Manufacturing. Witness developments in Industry 4.0 technologies, their applications with respect to real-life issues & case examples.

# PARTNERSHIP OFFERINGS

## Support Digital / Innovation Initiatives through our Startup Program

- Nominate use case for Manufacturing Innovation Challenge
- Curation of Startups for defined use cases / problem areas
- Pitch sessions / demo days, based on the priorities defined by PARTNER

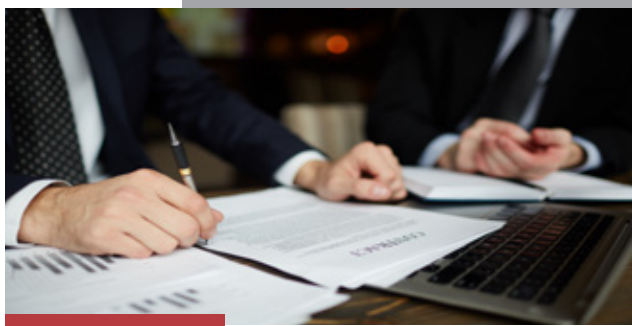


## Building Digital Roadmap

- Digital Maturity Assessment through Smart Industry Readiness Index framework to evaluate readiness level and plan digital initiatives
- Design thinking workshop for Joint discovery of use cases

## Thought Leadership

- Invitation to thought leaders from PARTNER's organization to CoE hosted events, conferences and workshops as speakers
- Invite to all CoE events for participation
- Newsletters, Articles and Blogs - Opportunity to be a voice of industry and thought leader in CoE Newsletters, jointly publish technology-led articles and blogs



## Brand Advocacy

- Visibility of PARTNER's innovation initiatives and its leaders on CoE digital platforms and other external media publications (as applicable)
- Opportunity to showcase your innovation success stories at various forums / events organized by CoE
- Logo branding at CoE Centers & Website- Bengaluru, Gurgaon, Gandhinagar and Vizag

## Special Privileges

- Opportunity to be part of the jury panel to evaluate startups at various initiatives of CoE
- 24X7 access to Smart Manufacturing Competency Center (SMCC) – a virtual platform to see the demos of digital solutions and connect with solution provide
- Participation in NASSCOM CoE Governing Council (chaired by Secretary MeitY).



# PARTNERSHIP OPPORTUNITIES

NASSCOM CoE's long term partnership programs enable industry partner to foster innovation and accelerate the adoption of digital technologies. We have three engagement models for the manufacturing enterprises. The adoption partnership is the starting level where organizations having clarity on their use-cases can work with us to find the best solution providers for solving immediate challenges. The innovation partnership is the next level through which enterprises will be able to build on their digital journey at a plant level, and the strategic partnership is at the highest level, which will provide group wide deeper engagement with NASSCOM CoE covering multiple plants.

Categories	Offerings	Adoption Partner	Innovation Partner	Strategic Partner
<b>Support Digital/ Innovation Initiatives</b>	Nominate Use Cases to MIC	✓	✓	✓
	Startup Curation for Use cases	Up to 3 Use cases	Up to 5 Use cases	Up to 10 Use cases
<b>Contribute to building digital Roadmap</b>	Digital Maturity Assessment using SIRI framework	X	For 1 Plant	Up to 3 Plants
	One Design thinking workshop for Joint discovery of use cases	X	✓	✓
<b>Thought Leadership</b>	Opportunity to speak at CoE hosted events	At Round tables / Panel Discussions	At Round tables / Panel Discussions	As a Keynote speaker
	Invitation to teams for participation at CoE Events	✓	✓	✓
	Author articles at CoE Newsletters & Blogs	✓	✓	✓
<b>Brand Advocacy</b>	Create joint case studies	✓	✓	✓
	Promote case studies on CoE website, social channels and events	✓	✓	✓
	Media Story	X	X	✓
	Logo branding at CoE	Website	Website	Centers and Website
<b>Special Privileges</b>	Opportunity to be part of the jury panel to evaluate startups at various initiatives of CoE	✓	✓	✓
	24X7 access to Smart Manufacturing Competency Center (SMCC)	✓	✓	✓
	Participation in NASSCOM CoE Governing Council (chaired by Secretary MeitY).	X	X	✓



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