NASSCOM®
Center of Excellence-IoT & AI
A MeitY Initiative with Govt. of Karnataka, Haryana, Gujarat & AP

Ministry of Electronics & Information Technology
Government of India

GIL GUJARAT INFORMATICS LIMITED (A Government of Gujarat Company)

DST Department of Science & Technology (Government of Gujarat)

UDYAM 4.0 – SMART MANUFACTURING FORUM

MSMEs play a pivotal role in the growth of national development contributing to 29 % of the GDP and one-third of India's manufacturing output. For MSME's to remain globally competitive, adoption of digital technologies is no longer a choice but a key necessity. With inter-connected supply chain where we have large enterprises and MSMEs collaborating, having digital systems in place becomes even more critical. Flexible operations are needed to optimize the production capacity, improve product quality and drive reduction in material wastage.

In the New Normal, where large Industries are moving towards Digital led growth, MSMEs are no different. Digitalization has the potential to transform supply chain, boost productivity and improve manufacturing operations. It includes adoption of Industry 4.0 solutions for areas such as Production, Quality, Supply Chain and Workforce development.

The digital solutions for Paperless operations can digitize the data recording and generate insights from analytics to improve operations and optimize processes. Condition Monitoring of critical equipment prevents them from unwanted breakdown. Computer vision-based inspection of products can highlight quality defects.

Augmented Reality based Virtual Plant Visits can drive customer and partner engagements, in addition AR/VR solutions can also help on remote collaborations and workforce training. Smart warehousing and supply chain solutions provides material monitoring, theft security and storage and movement tracking solutions.

MSMEs are facing awareness, affordability and access challenges to adopt technology and hence needs handholding on solution deployment. Startups also can play a very important role in Manufacturing Transformation of MSMEs by providing low cost and customized solutions. in adopting Industry 4.0 solutions and enabling Smart Manufacturing.

Industry 4.0 solutions that can help in Manufacturing Sector

- Paperless operations
- Condition monitoring and Predictive maintenance
- Remote Collaboration and Customer Engagement
- Smart Warehousing and Supply Chain
- Camera based Quality inspection

About us: NASSCOM Centre of Excellence, Gandhinagar has been established with support from Ministry of Electronics and Information Technology (MeitY) and Government of Gujarat with an objective to help drive adoption of digital technologies in the manufacturing sector by enabling collaborative ecosystem of Manufacturers, Startups, Technology Company, Academia, Research Organizations and Government.

Reach out to us at smartmanufacturing@nasscom.in

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UDYAM 4.0

Smart Manufacturing Forum

Partner in your digital journey

NASSCOM CoE with a vision to Make India Industry 4.0 globally, is building largest collaborative ecosystem to co-create solutions that can improve productivity, efficiency and safety in plants.

UDYAM 4.0 is an initiative of NASSCOM CoE to help Manufacturing Enterprises with revenue size less than 1000 crore to start, scale and sustain adoption of Industry 4.0 solutions for optimizing operations, maximizing capacity utilisation and build resilient supply chain.

Forum Benefits:

01 Skill & Capacity building

Make your workforce future ready: Skill building sessions for employees across all the levels of the organization

- Interactive Masterclasses for business owners and leaders
- Capability Building Sessions for Managers
- Access to repository of case studies and use cases

02 Handholding for your digital journey

- Evaluate the digital readiness of your organization through Digital Maturity Assessment
- Advisory support for building digital roadmap and implementation of solutions
- Dedicated meetings with trusted and innovative solution providers
- Mentorship support by experienced leadership from large organizations

03 Branding & Market Reach

- Opportunity to establish your identity as a Smart Manufacturer
- Talk about your success with peers and senior industry leaders
- Get recognized for your successful digital implementations

Get 365 days – 24 X 7 access to Smart Manufacturing Competency Center a virtual platform for manufacturing leaders to experience end to end smart manufacturing solutions

TM

Join the community
UDYAM 4.0 Smart Manufacturing Forum

Particulars	Frequency	Digi Next	Digi Adopter	Digi Leader
Skill & capacity building				
Masterclasses for CXOs	Quarterly	1 CXO	Up to 3 CXOs	Up to 5 CXOs
Capability building sessions	Monthly	Up to 10 employees	Up to 10 employees	Up to 10 employees
Access to knowledge bank	Ongoing	✓	✓	✓
Learning champion discount	Yearly	✓	✓	✓
Access to UDYAM 4.0 Conference	Quarterly	✓	✓	✓
Handholding for the digital journey				
Digital Maturity Assessment	Need basis	Preliminary	Detailed	Detailed
Roadmap Advisory & Design thinking workshop	Need basis	x	x	✓
Dedicated B2B meetings	Usecase wise	x	Up to 2 use cases	Up to 3 use cases
Interactive sessions with Funding Institutions	Quarterly	✓	✓	✓
Access to Demoday - Exhibition of Digital Solutions by Deep tech Startups	Half Yearly	✓	✓	✓
Mentorship support - experts from Large organizations	Need basis	✓	✓	✓
Branding and Market Reach				
Creation of joint case study	Usecase wise	x	✓	✓
Publish case study on CoE website & Promote through blog & social media post	Usecase wise	✓	✓	✓
Case study presentation at UDYAM Event	Usecase wise	x	✓	✓
Panel discussion at UDYAM Event	Usecase wise	x	✓	✓
Discount for Inclusion of case study in the knowledge bank	Usecase wise	✓	✓	✓
Early nomination to Manufacturing Excellence Awards	Half Yearly	✓	✓	✓
Special privileges				
Access to Smart Manufacturing Competency Center (SMCC)	Ongoing	✓	✓	✓
Invite to various events by NASSCOM CoE	Ongoing	✓	✓	✓
Free Newsletter subscription	Quarterly	✓	✓	✓

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For more details write to us on: **smartmanufacturing@nasscom.in**