

Union Minister Shri Ashwini Vaishnaw Urges Industry and Academia to Build Future-Ready Workforce for India's Manufacturing Growth

Union Minister Welcomes MIT Delegation, Highlights Industry-Academia Synergy at NAMTECH

NAMTECH and GSV, Vadodara signs MoU to collaborate on areas such as smart manufacturing and transportation

The MET Platform complements these national priorities by fostering a collaborative environment that enables knowledge-sharing

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Union Minister of Electronics and Information Technology (MeitY), Shri Ashwini Vaishnaw, today called for concerted action to build talent and capacity in support of the Viksit Bharat 2047 mission envisioned by Prime Minister Shri Narendra Modi. Addressing a roundtable comprising industry leaders and academia, he urged stakeholders to accelerate the development of a future-ready workforce to drive India's manufacturing growth.

The roundtable discussion focused on talent development and capacity building for sustainable manufacturing, combining a global perspective with local action. The Minister praised the emergence of a new sector, Manufacturing, Engineering, and Technology (MET), an initiative by NAMTECH (New Age Makers Institute of Technology), the MET Innovation School. This initiative aims to meet the demands of Industry 4.0 and beyond, specifically by addressing the talent gap in emerging technologies and preparing a highly skilled workforce and future leaders capable of driving transformative change in India.



Anchored in the Government of India's vision for *Viksit Bharat @2047* and supported by flagship programs such as *Digital India*, *Skill India*, *National Manufacturing Mission* and sector-specific *Production-Linked Incentive (PLI)* schemes, this initiative reinforces the national commitment to positioning India as a global leader in manufacturing and emerging technologies.

The Government has launched several pioneering missions, including the *India Semiconductor Mission*, *AI Mission*, *National Robotics Strategy*, *Mobility Manufacturing Mission*, and *National Hydrogen Mission*, which reflect the priority placed on advanced technology development and adoption. India's National Education Policy 2020 also emphasizes holistic development and the integration of vocational and digital education into mainstream schooling.

Complementing these are talent-oriented frameworks such as the *Skill India Digital Hub*, *ITI Upgradation Scheme*, *Chip to Startup*, and the *National Apprenticeship Promotion Scheme (NAPS)*—all of which emphasize industry-aligned, inclusive skilling models.

Speaking at the launch, **Union Minister Ashwini Vaishnaw** welcomed the MIT team, calling them one of the finest institutions globally, which is envisioned as a world-class institute for advanced manufacturing. He also acknowledged Indian industry leaders such as Suzuki, Siemens, ABB, Inox and others, emphasizing that industry participation is essential to making NAMTECH truly impactful and aligned with the Prime Minister's vision.

He highlighted the success of the Gati Shakti platform as a model for industry-academia collaboration, where companies co-created job-ready curriculums without any financial investment just by sharing knowledge. He called for replicating such models across sectors to ensure employability from day one. NAMTECH, he noted, aims to skill talent across all levels shop floor, design, and research with full government support and MIT's mentorship to drive innovation and mindset change. Shri Vaishnaw also urged all stakeholders to take the next steps, stating that the opportunity to build something truly transformative is now.

The MET Platform complements these national priorities by fostering a collaborative environment that enables knowledge-sharing, capacity building, and infrastructure development.

MeitY continues to support such ecosystem-driven initiatives that bridge critical skill gaps, democratize access to advanced technology education, and contribute to India's global competitiveness in the electronics and manufacturing domains.

The event also witnessed the signing of a Memorandum of Understanding (MoU) between NAMTECH and Gati Shakti Vishwavidyalaya (GSV), Vadodara. The MoU, signed in the presence of Prof. Manoj Choudhary, Vice Chancellor of GSV, aims to establish a framework for collaboration to explore and undertake joint initiatives in smart manufacturing, transportation systems, logistics innovation, and future-ready skilling.

NAMTECH has signed MoUs with other partners such as Siemens India, Analog Devices Inc, and Applied Materials Inc to develop laboratories, training centres, skilling infrastructure, and scholarships in priority sectors such as semiconductors, smart manufacturing, and robotics. All the leading industry leaders and

academicians ensured to work together for PM’s vision of Viksit Bharat 2047.

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