



Ministry of
**Electronics &
Information Technology**
Government of India



Digital India
Power To Empower

NeGD
National e-Governance Division

PRESS NOTE

Digital India Ask Our Experts

- **50th Episode showcases India's roadmap to becoming a global semiconductor hub**
- **Highlights India's semiconductor vision, policy roadmap, design ecosystem, job creation and opportunities for future talent**

New Delhi: Marking the milestone 50th episode of Digital India's flagship knowledge series 'Ask Our Experts' on July 6, 2026, Shri Amitesh Kumar Sinha, Additional Secretary, Ministry of Electronics & Information Technology (MeitY) and CEO, India Semiconductor Mission (ISM), shared insights into India's strategic roadmap for building a globally competitive semiconductor ecosystem and positioning the country as a trusted partner in the global semiconductor value chain.



Watch the episode on <https://www.youtube.com/live/hbKoFBfwxQk?si=YwLDPEeHM-7MIFV9>

During the session, Shri Sinha highlighted that semiconductors are a foundational industry that will play a critical role in strengthening India's electronics manufacturing ecosystem and enhancing supply chain resilience. He explained that developing domestic semiconductor capabilities is essential for achieving technological self-reliance and supporting India's long-term economic growth.

Speaking about the progress made under the India Semiconductor Mission, Shri Sinha informed that the Government has approved 12 major semiconductor projects spanning chip design, fabrication and packaging. Several of these facilities are progressing towards commercial production, while the

proposed Semicon 2.0 programme aims to further deepen the semiconductor ecosystem by expanding manufacturing capabilities and strengthening the domestic supply chain.

The discussion also focused on India's growing semiconductor design ecosystem. Shri Sinha noted that India contributes nearly 20 percent of the world's semiconductor design engineers, providing a strong foundation for nurturing indigenous innovation. Through initiatives such as the Chips to Startup (C2S) programme, the Government is supporting more than 300 academic institutions by providing Electronic Design Automation (EDA) tools, mentoring and infrastructure to encourage semiconductor research, innovation and the growth of fabless startups.

Highlighting the employment potential of the sector, Shri Sinha said the semiconductor industry is creating high-value opportunities across manufacturing, design, testing, packaging and research. He particularly emphasised the sector's inclusive growth model, citing examples of semiconductor packaging facilities employing and training women from tribal regions of Jharkhand and Chhattisgarh to work at globally competitive standards.

The session also discussed India's competitive advantages in attracting global semiconductor investments. Shri Sinha observed that India's skilled workforce, competitive manpower costs, improving infrastructure and the emergence of local suppliers for chemicals, materials and supporting industries are creating a robust ecosystem for long-term semiconductor manufacturing.

Addressing students and young professionals, Shri Sinha encouraged aspiring talent from diverse academic backgrounds—including electronics, physics, chemical engineering, metallurgy and material sciences—to explore careers in the semiconductor industry, noting that the sector offers opportunities across multiple disciplines.

During the interaction, Shri Sinha remarked, "Semiconductors are a foundational industry... If you want to have very tight control on the supply chains for the finished goods that we are producing, you need to have all the ingredients of that". Emphasising India's long-term vision, he stated, "This journey is a marathon, not a T20 match", highlighting the sustained commitment required to build a globally competitive semiconductor ecosystem.

He further noted that "India is being seen as a trusted supply chain partner", reflecting the country's growing importance in strengthening resilient global semiconductor supply chains. Looking ahead, he expressed confidence that Semicon 2.0 would further accelerate innovation by enabling more startups and companies to participate in chip design and product development.

The milestone episode highlighted how the India Semiconductor Mission, supported by forward-looking policies, industry partnerships and talent development initiatives, is laying the foundation for a vibrant semiconductor ecosystem that will contribute significantly to India's technological advancement, economic growth and global competitiveness.

The Digital India Ask Our Experts is a live interactive programme streamed on Digital India's YouTube channel. For more information on upcoming episodes and Digital India initiatives, visit www.digitalindia.gov.in and www.negd.gov.in.