

Tata Consulting Engineers, Arizona State University to jointly develop semicon workforce

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NEW DELHI: Homebred engineering consulting services firm Tata Consulting Engineers has signed a Memorandum of Understanding (MoU) with the Arizona State University (ASU), USA, to strengthen collaboration in critical and emerging technologies, including the development of the semiconductor sector workforce.

The first initiative under this collaboration will be a joint learning

and development programme created by Arizona State University and Tata Consulting Engineers, which will provide a comprehensive introduction to semiconductors, manufacturing processes, plant construction, and controlled environments, according to a joint statement late on Tuesday.

Developed with ASU's Ira A Fulton Schools of Engineering, the programme is designed for technical professionals who will contribute to the design and construction of semiconductor facilities.

It will support the growth of skilled talent in semiconductor fabrication, cleanroom systems, contamination control, and sub-fab infrastructure, combining expert-led sessions with applied, industry-aligned projects.

“Together, we aim to create benchmark semiconductor engineering capabilities, strengthen India's journey in this critical sector, and contribute to global semiconductor resilience,” said Amit Sharma, MD and CEO, Tata Consulting Engineers.

ASU President Michael Crow said, “This programme is the beginning of what we envision as a long-term collaboration to expand semiconductor workforce capacity and

deliver solutions at scale. ASU is deeply committed to supporting India's ambitions in building a sustainable semiconductor manufacturing ecosystem.”

The collaboration also aligns with the U.S.–India Initiative on Critical and Emerging Technology (iCET), a bilateral framework to deepen cooperation in semiconductors, quantum computing, artificial intelligence, and advanced telecommunications, the companies said.