

## **Enabling India's Quantum Leap.**

Quantum computing represents one of the most disruptive technologies of the 21st century and a national strategic necessity. India was late to the party but India is positioning itself to lead. As India navigates cybersecurity threats, regional geopolitical rivalries, and digital dependence, quantum technologies offer a path towards sovereign control over the next generation of computer. With direct applications in drug discovery, space exploration, banking, and security, quantum computing can unlock massive economic value across India's vital industries.

To convert this potential into impact, India has to start deployment of quantum computers. This talk explores how QuantWare can play a crucial role in supporting the creation of made-in-India quantum computers and additionally, accelerate India's pace of deployment of quantum computing solutions. By offering ready-to-integrate quantum processing units and supporting the fabrication of Indian-designed chips, QuantWare empowers industry, universities, and government labs to build, test, and scale quantum systems faster. Aligning with Atmanirbhar Bharat and Make in India goals, QuantWare can serve as an anchor for a domestic quantum supply chain, boost high-tech manufacturing, and enable India's innovation ecosystem to compete globally."