GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF SCIENCE AND TECHNOLOGY
LOK SABHA
UNSTARRED QUESTION NO. 2930
ANSWERED ON 06/08/2025

STARTUPS AND MSMEs IN HIGH-TECH SECTORS

2930. ADV GOWAAL KAGADA PADAVI:

Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

(a) The details of the initiatives under NM-QTA geared towards supporting startups and MSMEs in high-tech sectors;

(b) the details of the number of grant-in-aid projects sanctioned to private entities;

(c) the details of funds earmarked for skilling and training in quantum computing within academic institutions;

(d) the details of roadmap for industry-academia collaboration; and

(e) the details of the number of patents or prototypes generated till date?

ANSWER
MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF SCIENCE AND TECHNOLOGY AND EARTH SCIENCES
(DR. JITENDRA SINGH)

विज्ञान और प्रौद्योगिकी तथा पृथ्वी विज्ञान मंत्रालय के राज्य मंत्री (स्वतंत्र प्रभार)
(डॉ. जितेंद्र सिंह)

(a) Department of Science and Technology (DST) is implementing the National Quantum Mission (NQM). Under the Mission, four Thematic Hubs (T-Hubs), each focusing on a specific domain of quantum technologies have been established in the financial year 2024-25. One of the major mandates of the T-Hubs is to support startups and MSMEs working in high-tech sectors such as quantum computing, quantum communication, quantum sensing & metrology and quantum materials & devices.

(b) DST has supported eight startups in the area of quantum technologies: QuNu Labs, QpiAI, Dimira Technologies, PRENISHQ, QuPrayog, Pristine Diamonds, Quanastra, and Quan2D Technologies.

(c) Under NQM, a total of ₹205.49 crore has been earmarked for skilling and training in quantum computing and related areas within academic institutions.

(d) The NQM places strong emphasis on industry-academia collaboration as a core part of its implementation roadmap. This includes formation of T-Hubs that bring together academic institutions, R&D organizations, startups, and industry to engage in translational research, prototype co-development, scaling of technologies, and commercialization efforts.

(e) QuNu Labs has developed a distinctive quantum security platform named Qshield. QpiAI has developed a Quantum Computer with 25-Qubit Quantum Processor based on Superconducting Qubit technology.

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