

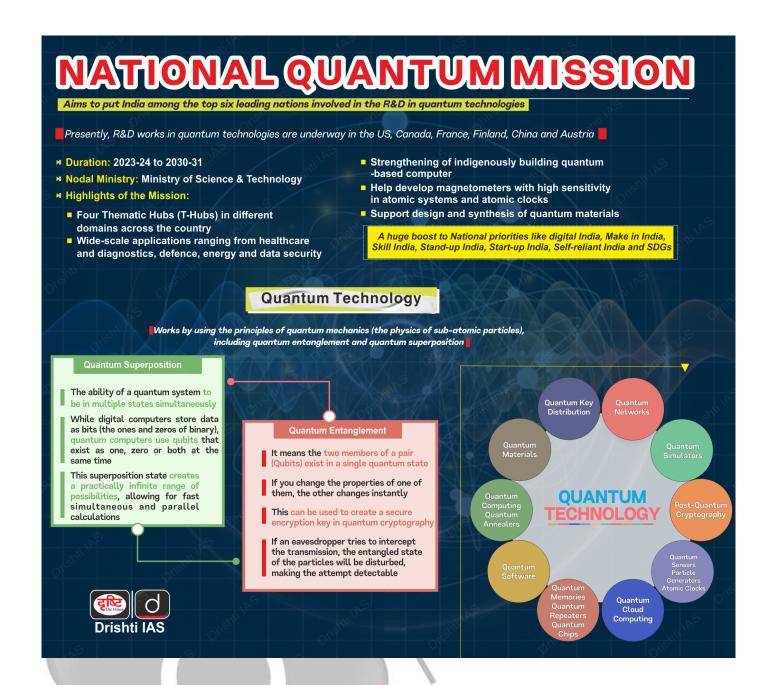
## **International Year of Quantum Science and Technology**

## **Source: TH**

The <u>United Nations (UN)</u> has designated the **year 2025** as the **'International Year of Quantum Science and Technology'** to increase public awareness of the importance of <u>quantum science</u> and its applications.

- The resolution for this was led by Mexico at the <u>UNESCO</u> General Conference in May 2023, which was adopted by almost 60 countries.
- Also, the year 2025 marks a century since German physicist Werner Heisenberg published a
  paper laying the foundation of modern quantum mechanics.
  - He was awarded the <u>Nobel Prize</u> for physics in **1932** for the creation of quantum mechanics.
- India launched the <u>National Quantum Mission</u> in April 2023, to be implemented from 2023 to 2031 by the Department of Science & Technology (DST).
  - It has four verticals: Quantum Computing, Quantum Communication, Quantum Sensing and Metrology, and Quantum Materials and Devices.





Read more: Quantum Technology, National Quantum Mission

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