100 years of S N Bose’s Colossal Work

Distinguished scientists and scientific administrators recently gathered at the **S.N. Bose National Centre for Basic Sciences (SNBNCBS) in Kolkata** to celebrate the 100th anniversary of **Satyendra Nath Bose's** last of the **four revolutionary publications** that led to new **quantum mechanics** (the others being those of **Planck in 1900,** Einstein **in 1905, and Niels Bohr in 1913)**, traced the evolution of quantum mechanics through the years.

- SNBNCBS, an Autonomous Research Institute established under the **Department of Science and Technology (DST),** in 1986 to honour the life and work of **S. N. Bose.**
  - S N Bose’s pioneering work on **quantum statistics** has paved the way for the development of **modern quantum technologies** including **Bose-Einstein condensation**, **quantum superconductivity**, and **quantum information theory.**
  - Half the fundamental particles in the **Universe are named after him –** BOSON**.**
- The conference highlighted that **23 countries have set up** National Quantum Missions and India has a substantial contribution to make at an international level, especially in the field of quantum algorithms.

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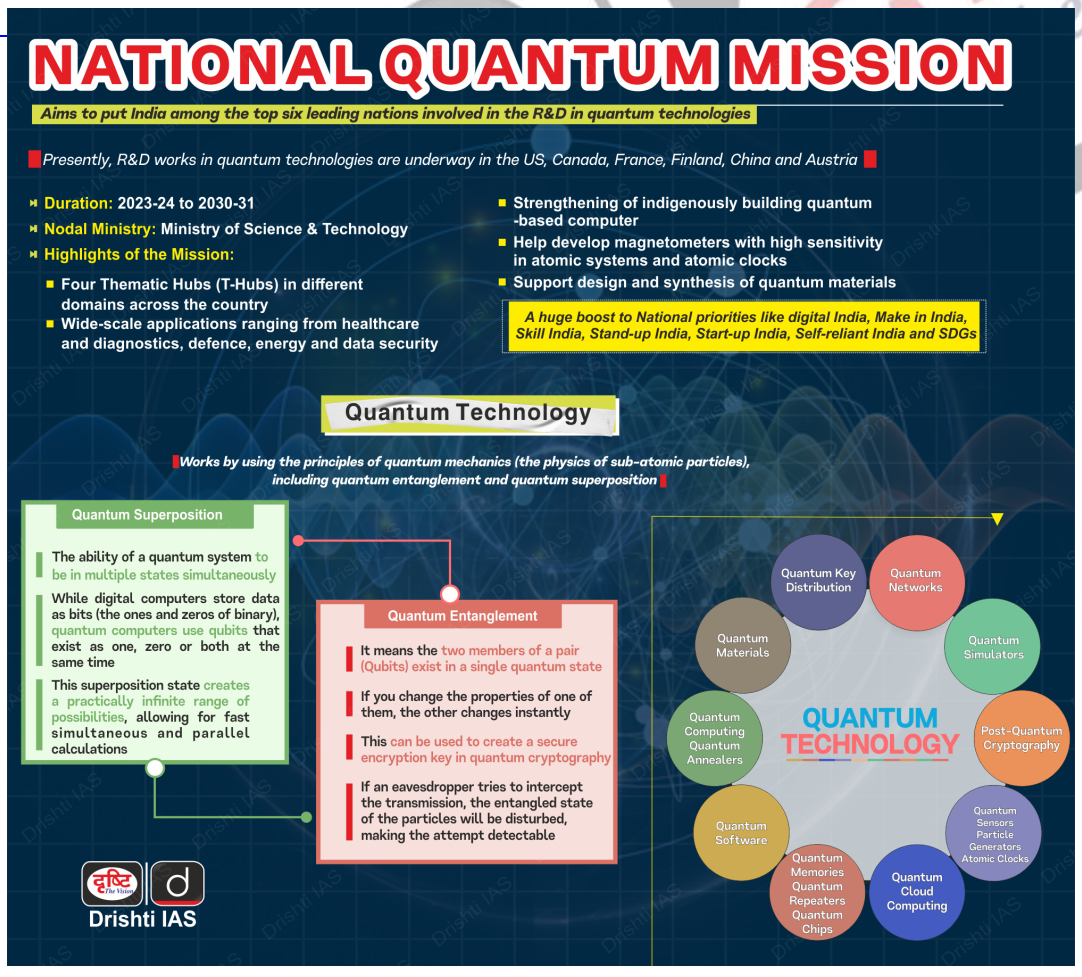

Read more: National Quantum Mission