

## 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,** <u>Einstein</u> **in 1905, and Niels Bohr in 1913)**, traced the evolution of quantum mechanics through the years.

- SNBNCBS, an Autonomous Research Institute established under the <u>Department of Science and Technology (DST)</u>, 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 <u>Bose-Einstein</u> <u>condensation</u>, quantum superconductivity, and <u>quantum information theory.</u>
  - Half the fundamental particles in the Universe are named after him BOSON.
- The conference highlighted that 23 countries have set up <u>National Quantum Missions</u> and India has a substantial contribution to make at an international level, especially in the field of quantum algorithms.



Read more: National Quantum Mission

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