

NSC Mumbai organises Two-Day Science Festival showcasing Nuclear Science and Innovation

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Nehru Science Centre (NSC), Mumbai, in collaboration with **ROSATOM** and **Energy of the Future**, hosted **Science Festival India 2025**, a two-day celebration of science, technology, and innovation, on **3–4 December 2025** at NSC Mumbai. The festival **was designed** for students, educators, families, and science enthusiasts, offering an engaging mix of hands-on activities, immersive learning experiences, and creative exploration.



A key feature of the festival **was** the **DIY Science Session**, where participants **competed** to design and construct the tallest and most stable tower, fostering creativity, engineering skills, and teamwork. Another major attraction, **Nuclear Quest**, **was** an interactive multi-station science challenge that **introduced** participants to atomic structures, clean energy principles, nuclear transport, and Arctic technologies. Teams **navigated** four themed zones, **earned** points, and **competed** for prizes through stimulating scientific tasks. A highlight of the festival **was** the lecture **"Nuclear Myths Busted"** by **Shri Uday Kashelkar** from NPCIL,

who **explained** radiation and nuclear technologies through an interactive demonstration. Visitors also **experienced** the **Science Movies Almanac**, a showcase of documentary films on breakthrough scientific initiatives, followed by expert insights from **Dr. A. P. Jayaraman**, renowned nuclear scientist and science communicator, on the role of nuclear technologies in improving lives.



NSC Mumbai also **presented** an original **Science Drama** tracing the journey of atomic science—from the pioneering contributions of Rutherford and Curie to contemporary applications in energy and other fields. Adding to the festival’s unique attractions, more than **100 participants joined** together in a spectacular **Human “Atom” Formation**, creating a dynamic atomic model **captured** through drone imagery.



Science Festival India 2025 aimed to ignite curiosity, strengthen scientific literacy, and celebrate the enduring spirit of **Indo-Russian scientific collaboration**. The event **stood** as a tribute to the long-standing partnership between India and Russia, built over decades of cooperation in the nuclear sector and shared progress in peaceful nuclear technologies. Through collaborative learning, innovation, and mutual commitment, the festival **highlighted** how scientific advancements **continued** to benefit society and inspire future generations.



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