

# Indian Institute of Science Education and Research Mohali

## Press Release: Exciting science events continues on the second day of IISER Mohali Science Festival

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Mohali, March 01. IISER Mohali's annual science festival, *Tattva*, continued its second day with an array of hands-on workshops, engaging competitions, and thought-provoking discussions that captivated students and enthusiasts alike. The festival's theme, 'Science and Society,' was brought to life through a diverse set of activities aimed at fostering scientific curiosity and innovation.

The day began with immersive workshops spanning multiple disciplines. The Solar Astronomy workshop introduced participants to radio astronomy, guiding them through the use of a radio telescope to observe the Sun and the Milky Way galaxy. The Model Organisms workshop provided insights into biological research, where attendees explored the role of organisms like *Drosophila*, Zebrafish, and *Arabidopsis* in advancing scientific knowledge. The Introduction to Simulations in LAMMPS workshop offered a comprehensive understanding of molecular simulations, covering topics such as LJ fluids and polymer interactions in water. Meanwhile, the Remote Sensing workshop demonstrated how Earth observation satellites contribute to climate research, disaster management, and urban planning. IISER Mohali's NSS Unit also conducted an engaging session on survival skills, focusing on knot-making techniques and their mathematical underpinnings in knot theory.

The competitive spirit soared high as students participated in intellectually stimulating events. The Star Sprint challenged astronomy enthusiasts to locate celestial objects using star maps, telescopes, and binoculars. *Ad Astra* tested participants' analytical abilities through case studies, requiring them to defend their solutions in a rigorous competition. Lucifer Voyage blended chemistry with a treasure hunt, engaging students in experimental problem-solving. Polymathia, a dynamic hackathon, pushed participants to develop innovative solutions across various scientific domains.

Debate and innovation were also key highlights of the day. *Ecoconcordia*, a unique debate tournament, saw students engage in discussions centered around biodiversity conservation and environmental challenges. Idea-Phied 3.0, organized by i-RISE, provided young entrepreneurs with a platform to pitch their startup ideas, fostering a spirit of creativity and mentorship. Meanwhile, the Water Rocket competition combined engineering and physics, as participants designed and launched water-propelled rockets to achieve maximum efficiency.

Mathematical prowess was put to the test in the high-speed Integration Bee, where students raced against time to solve challenging integrals. As the day concluded, participants reflected on their experiences, enriched by a festival that blended knowledge with excitement. With a

vibrant mix of hands-on learning and friendly competition, Day 2 of Tattva reaffirmed the role of science in shaping society and inspiring future innovators.

In the concluding lecture, Dr. Srivari Chandrasekhar, former Secretary to the Department of Science and Technology, Government of India congratulated the organizing team and the Institute for successfully conducting Tattva. He also engaged the audience with inspiring scientific stories in chemistry and interdisciplinary sciences.