

Monthly Descriptive Report of programmes and activities organized at Nehru Science Centre, Mumbai and its Satellite Units for the month of September, 2023

NEHRU SCIENCE CENTRE, MUMBAI

Annual Inter-School Science Quiz 2023

The Centre launched a prestigious Annual Inter-School Quiz Competition on 02.09.2023. The programme is being organized in collaboration with the Rotary Club of Bombay Pier and the Rotary Club of Bombay Queen City. The first written elimination round was organized on the day. This event garnered participation from approximately 140 schools from Mumbai & its sub-urban areas.

Each participating school was represented by two teams, and each team consisted of two members. One team represented the Junior School (5th to 7th), while the other represented the High School (8th to 10th) division, showcasing a diverse range of talented students across various age groups. In total, there were 560 students who actively participated in this intellectually stimulating competition, showcasing their knowledge and quiz-solving skills.

The event also saw the gracious presence of 20 members from the Rotary Club, adding an esteemed touch to the occasion. These individuals, with their commitment to community service and education, contributed significantly to the success of the event.

In addition to the students and Rotary Club members, the event was graced by a total of 950 invitees, which included students, teachers, parents, and other well-wishers who came to support and encourage the young talents participating in the competition.

Launching of Aditya L1

To celebrate the momentous launch of the Aditya - L1 mission to the sun on 02.09.2023 by the Indian Space Research Organization (ISRO), the Centre organized a special panel exhibition. This exhibition which is still on display, provides visitors with comprehensive insights into the Aditya L1 mission, its significance, and its scientific objectives.

The event on 02.09.2023 featured live streaming of the mission's launch on the YouTube Channel of the Centre for 113 online visitors and screening of the launch was done at the Centre for the physical visitors. 120 enthusiastic audience visitors witnessed this historic moment as it unfolded. The launch of Aditya L1 was a significant milestone in India's space exploration journey, and the live streaming & screening created an atmosphere of anticipation and excitement among the attendees.

In addition to the exhibition and live streaming, the Centre offered engaging hands-on activities for its visitors. 77 individuals actively participated in these activities, enhancing their understanding of the solar system, mission's scientific aspects and fostering a deeper connection to space exploration.

Teachers' Day celebration

To celebrate the Teachers' Day, on 05.09.2023, the Centre organized an online session on Simple Experiments as teaching aids. The session got an immense response from the audience on the YouTube (approximately 5.8K) and the zoom platform (100).

Regional Science Seminar, Mumbai Region

As a part of National Science Seminar, Regional Science Seminar was organized at the Centre on 06.09.2023 in collaboration with Office of Dy. Director of Education, Mumbai region. The topic for the seminar for this year is 'Millets: Super Food or Diet Fad?' In all 9 participants from five zones of Mumbai region participated in the event. 247 students witnessed the deliberation of the participants.

Science Film Fest in Collaboration with SONY BBC Earth

The Centre organized Science Film Fest during 13.09.2023 to 15.09.2023 in collaboration with Sony BBC Earth. During the 3 days in all 5 film shows were organized for 1127 students as per the following:

Date	Film Show	No. of students
13.09.23	James Webb Space Telescope	127
14.09.23	Spectacular Earth: Aurora	510
15.09.23	Spectacular Earth: Volcano	490

Preparatory Session on VVM

NCSM and Vijnan Bharati are jointly organizing a National level quiz 'Vidyarthi Vigyan Manthan' (VVM). On 15.09.2023, the Centre hosted an online preparatory session for creating awareness and for clarifying doubts regarding the registration process of Vidyarthi Vigyan Manthan which was for teachers and Principals of the schools. This session was facilitated through the Zoom platform and simultaneously streamed on YouTube channel of the Centre. A total of 100 participants attended the session on Zoom, while 873 viewers tuned in on YouTube to witness the event.

Engineers Day

The Centre celebrated Engineers Day on 15.09.2023 with an engaging online quiz in the honor of Bharat ratna Shri M. Visvesvaraya. The event saw enthusiastic participation from 250 individuals. Questions covered a range of engineering topics, including Shri M. Visvesvaraya's life and achievements. All the participants were awarded with the digital certificate.

World Ozone Day

On 16.09.2023, the Centre marked World Ozone Day with an engaging online quiz which was open for all. A total of 303 participants joined, showcasing a keen interest in environmental conservation. The quiz covered a range of questions about the ozone layer and its importance. The event, accessible through a user-friendly online platform, encouraged dynamic learning and deeper understanding. It successfully raised awareness about ozone preservation and highlighted the significance of collective efforts in environmental protection. The participants were awarded with the digital certificate

Sci-Birthday

During this month, 3 Sci-Birthdays were organized for a group of 30, 30 and 50 people on 03.09.2023, 24.09.2023 and 30.09.2023 respectively. Children were engaged in hands-on science activities, Science Demonstration, Science on a Sphere show and gallery visit.

Experimental Skill Test

In collaboration with Bombay Association for Science Education (BASE), the Centre organized an Experimental Skill Test Program. Total 19 students participated from various schools in Mumbai. Students were tested on their experimental and lab handling skills.

International Day of Scientific Culture

To create scientific temper and Culture among the masses, the Centre is organizing 'Science and Miracle' show in hybrid mode on 28.09.2023. This show will be streamed on our social media channels as well.

Package Tour

During this month, in all 61 (52 non-member school + 9 Member school) package tours were organized for students and teachers. Guided tour to the galleries, Science Odyssey, Science on Sphere show and Science Shows were organized for them.

Mobile Science Exhibition

Two MSE buses of the Centre are visiting Schools of Pune district. Curriculum based MSE bus has given visits to 16 sites and MSE bus on Hygiene & Sanitation has visited 15 Schools in the month of September 2023. Various educational activities such as science demonstration, film shows and sky observation are being organized at the sites.

Innovation Hub

3 sessions were conducted in the Innovation Hub (IH) for the members on 02.09.2023, 09.09.2023 & 16.09.2023. Sessions were based on Design Challenge, Microbiology and Idea generation. In all 36 members participated in the activities. The last session for this batch will be organized on 30.09.2023.