

PALAMPUR SCIENCE CENTRE, PALAMPUR
(A Unit of National Council of Science Museums)

Activity Report for the month of September, 2023

Live Telecasting of Aditya L-1 Launch

September 02, 2023

India's first solar observatory probe 'Aditya L-1' was launched on the September 02, 2023. The Palampur Science Centre, Palampur organized the live telecasting of the astonishing and memorable sight. The present audience were briefed about the history and evolution of mission, its significance and the major implications, the payloads and their applications etc.

Celebration of Hindi Pakhwada

September 01, 2023 to September 14, 2023

Palampur Science Centre, Palampur celebrated the Hindi Pakhwada from September 01 to September 14. During the fortnight, different sort of activities were organized amongst the officers & staff members. On September 05, a Hindi Kavita Path Pratiyogita was organized. all of the members recited their favourite Hindi kavita. On September 08, a Bhashan Pratiyogita on the themes 'हिन्दी का भारत के एकीकरण में योगदान' & 'कार्यालय में हिन्दी की उपयोगिता', the participants expressed thoughts and feeling about the Hindi being the primary mode of communication amongst the diverse linguistic culture of Indian people. On September 11, Shrut Lekhan Pratiyogita was held in which various parliamentary & official words which are used in routine basis in the office work were dictated and participants have to write them just by listening the pronunciation of the orator. On the closing of September 14, a popular lecture was delivered by the Project Coordinator, in which he highlighted the need of enhanced Hindi usage in the daily public and personal communication. Improvement in Hindi vocabulary through the incorporation of words from other Indian languages. Along with the talk, Patra Lekhan Pratiyogita was also held in which participants drafted the letters using right words in correct formatting. The fortnight was completed by administering pledge to improve Hindi and showing respect to other languages too.

Celebration of International Day for Preservation of Ozone Layer **September 16, 2023**

Palampur Science Centre, Palampur on the occasion of International Day for Preservation of Ozone Layer organized various educational activities for the Divyang school students, their parent, teachers and general visitors. Under this, a popular science lecture on the theme 'Montreal Protocol: Fixing the Ozone Layer and Reducing Climate Change' was delivered by the Project Coordinator. He briefed the audience about the process of ozone formation, Chlorofluorocarbons their reactions, applications and hazards, ozone layer and its protective nature. He further outlined the important of ozone friendly substance identification and usage. Along with this, various interactive and mind boggling puzzles and innovative games were held for the Divyang students. Through these games and puzzles an initiative was taken to incorporate and main streaming of the Specially-abled students. Following this, an open house quiz was held, the question related to ozone and ozone layer preservation were asked and the winners were provided with prizes and after the completion of the programmes every participant was facilitated with participation certificates.

Celebration of International Day of Scientific Culture **September 28, 2023**

The Palampur Science Centre, Palampur, celebrated 'International Science Culture Day' with great enthusiasm on September 28, 2023. On this occasion, the centre organized various educational programs for students and the general public. In this series, during a popular science lecture, the Project Coordinator of the centre, shared his thoughts on India's scientifically inclined cultural traditions and perspectives. He emphasized the role of scientific thinking and events in the development of human civilization and called for adopting a harmonious and scientifically oriented lifestyle in harmony with nature. The students in the audience also expressed their views during the discussion. Following this, science films were screened. These films aimed to explain intricate scientific concepts related to Chandrayaan-3 and Aditya L-1 to the audience in a simple and interesting manner. The presentation of the films was followed by a science exhibition and lecture. During this exhibition, various intriguing scientific experiments were demonstrated using liquid nitrogen. The experiments included observing the behaviour of flowers, leaves, and balloons when placed in sub-zero temperatures.

After the demonstration, an Open House Quiz contest was organized. Participants were asked questions related to various aspects of science lectures, the screened films, and scientific culture. Prizes were awarded to the winners. Around 75 students and 25 general visitors of different schools of Kangra district participated in the programmes. After the completion of the event all of the attendees were facilitated with the participation certificates.

Observance of Swachhata Pakhwada
September 15, 2023 to September 30, 2023

The Palampur Science Centre, Palampur organized a cleanliness fortnight from September 15 to September 30. Various cleanliness drives and activities were conducted. During this period the officers, staff and members from local community took cleanliness pledge and held cleanliness drive inside of centre and in the premises of the centre. different areas of science park, Guest house, galleries, exhibition and other facilities were identified where the cleanliness drive is to be organized. The sorted areas then cleaned in a planned and coordinated manner. The collected garbage was properly disposed-off in the municipal garbage collection vehicle. Along with the cleaning popular talks and discussions on were also took place. This type of community work is important for the greater societal good.

EXTENSION ACTIVITIES

a) On 5 September 2023, Sri Ram Swaroop, Project Coordinator, Palampur Science Centre conducted “Hands on Science Workshop” in connection with Science fair under Rashtriya Avishkar Abhiyan (RAA) for the students from various schools at Govt. Senior Secondary School, Khalet, Palampur. During this programme, students learned various scientific principles behind various physical phenomena such as electromagnetism, mechanics, optics and acoustics through hands on activities in the workshop. The total of 174 students and teachers attended this programme.

b) On 8 September 2023, Sri Ram Swaroop, Project Coordinator, Palampur Science Centre inaugurated the ‘Nipun Mela’ organized by Govt. Primary School Cluster, Banuri, Education department at Govt. Primary Center School, Banuri. After the inauguration he interacted with the students and also conducted “Hands on Science Workshop” for the students and teachers. The total of 164 students and teachers attended this programme.

c) On 14 September 2023, Sri Ram Swaroop, Project Coordinator, Palampur Science Centre conducted a “Hands on Science Workshop” and also delivered a Popular Science Lecture on “Sustainable Measures for protection of Ozone Layer: Challenges and Opportunities”. This programme was conducted at Appropriate Technology Centre (ATC), Shahpur, Distt.-Kangra (HP) which was organized by Himachal Pradesh Council for Science, Technology and Environment (HIMCOSTE). During this programme, students learned various scientific principles behind various physical phenomena such as electromagnetism, mechanics, optics and acoustics through hands on activities in the workshop. In his address to the students and other invitees, he stressed on the importance of ozone layer and explained the process of depletion of ozone layer due to human intervention and called upon the audience to act in consonance to protect the ozone layer for sustenance of life on earth. The total of 270 students and general public attended this programme.

d) Sri Ram Swaroop, Project Coordinator, Palampur Science Centre delivered the Popular Science Lecture on “Science in Everyday Life at GMSSS, Rajpur, Distt.-Kangra (HP) on 14 September 2023. He encouraged the students to develop scientific temper for the betterment of life and society. Along with this, he also conducted “Hands on Science Workshop” for those students and teachers on 15 September 2023. The total of 160 students and teachers attended this programme on both days.