

Monthly Descriptive Report of programmes and activities organized at Nehru Science Centre, Mumbai and its Satellite Units for the month of December January, 2024

NEHRU SCIENCE CENTRE, MUMBAI

Sci-Birthday Celebration

01 Sci-Birthday was organized during the month on 26.01.2024 for groups of 50 people respectively. The participants were taken around in the galleries, enjoyed 3D show and Motion Simulator Ride. Sessions on hands-on activity were also organized with demonstration on Liquid Nitrogen.

Package Tour

During this month, in all 104 (10,250 visitors) 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.

National Science Drama 2023-24

The National Science Drama Festival, a prominent event at the National Council of Science Museums (NCSM), took place on 05.01.2024 and 06.01.2024. School teams from 10 different states gathered at the Centre to exhibit their talents in drama, revolving around the theme of 'Science and Technology for the benefit of mankind.'

The Inaugural Ceremony on 05.01.2024, was attended by Shri Mustaq Khan, a renowned actor and TV serial personality, who served as the Chief Guest. Dr. A. P. Jayaraman, former Nuclear Scientist at BARC, Mumbai, graced the occasion as the Guest of Honor. The festival also welcomed distinguished panelists, including Shri Suman Kumar, Shri Asim Kumar Roy, Dr. Subhashis Halder, Shri Mangesh Bansod, and Dr. Pavithra, each representing a distinct zone. The panel, responsible for evaluating the drama performances, expressed admiration for NCSM and NSCM's efforts to connect people with science through the medium of drama. Each participating team showcased their act for approximately 25 minutes.

On 06.01.2024, the festival featured a special performance titled 'Evolution of Man'. The act was performed by specially-abled (mute) students from Natyashala Charitable Trust, Mumbai. Additionally, a theater workshop conducted by Shri Purushottam Berde, a distinguished Marathi theater personality, was organized. The festival concluded with the presentation of cash prizes to the Best Actor (Male & Female), Director, and Scriptwriter, along with encouragement prizes and certificates for each member of participating teams.

A total of 469 school students attended the event at the Centre, and the videos of the Dramas were shared on the Centre's social media handles, attracting more than 1,256 virtual viewers.

Outreach Programme

Sky Observation at Kalagodha Arts Festival 2024 (KGAF)

The Centre in collaboration with Chhatrapati Shivaji Maharaj Vastu Sangrahalaya (CSMVS) participated in the Kalagodha Arts Festival 2024 for Sky observation programme titled 'Astro-Voyage with National Council of Science Museum – Your destination for Astro-Tourism' from 22.01.2024 and 26.01.2024. The programme was conducted in the premises of CSMVS. Visitors were shown planets like Jupiter, Venus, Saturn, Mars, Orion constellation and Moon. The attendance for the Sky Observation Program varied each day, with 82 participants on 22.01.2024, 78 participants on 23.01.2024, 63 participants on 24.01.2024, 74 participants on 25.01.2024, and a significant turnout of 125 participants on 26.01.2024.

Annual Inter-School Quiz

Middle School finals – The finals for Middle School will be conducted on 31.01.2024. 04 teams from various schools will be part of this event. The competition will showcase the intellectual prowess of the students through rigorous 10 competitive rounds. From this keenly contested event, 01 exceptional team will emerge victorious, earning their place at the top. The said rounds will have the participation of 08 students.

Innovation Hub Sessions

The Innovation Hub has organized Integrated Science workshop on every Saturday from 13.01.2024 to 31.03.2024 for students from 6th to 10th standard. The session delved into scientific domains, offering hands-on experiences (in Physics, Chemistry & Life Sciences), basic understanding of discovery, Invention & Innovation, fostering curiosity, enhancing thinking skills, exploring and application of available scientific apps, and inspiring future pursuits. 30 number of members were part of these session in this month. The sessions were conducted on 13.01.2024, 20.01.2024 and 27.01.2024 respectively.

Done making Workshop

Organized on 14.01.2024 for students on Grade 7th to 10th a total of 30 students actively participated in our DIY Drone Making Workshop. The workshop not only provided participants with theoretical knowledge, but also, allowed them to delve into the practical aspects of drone flying. Through this interactive session, students gained valuable insights into the basics of drone technology and discovered the fascinating world of aerial robotics.

Mobile Science Exhibition: Health and Hygiene

Mobile Science Exhibition (MSE) was organized for the students of Sanjivan Vidyalay & Jr. College, Modnimb, District: Solapur, and the surrounding regions. The Mobile Science Exhibition covered 16 sites within the Solapur district during its tour.

Mobile Science Exhibition: Curriculum Based

The Centre organized a Mobile Science Exhibition (MSE) 'Curriculum Based' at Mahatma Gandhi Vidyalaya, Waskhedi, Taluka: Sakri, District: Dhule. Apart from the exhibition, Science Demonstration Lecture (SDL) & film shows were also organized during the visit. The MSE toured 13 sites of Dhule district.

Experimental Skill Test

The Centre, in collaboration with the Bombay Association for Science Education (BASE), coordinated a session of Experiment Skill Test at the Centre on 20.01.2024. This program was designed for 14 registered participants from grades 08 to 12. During the test, the students were provided with experimental setups and were expected to conduct experiments under the supervision of experts from the Centre and BASE. The primary objective of this initiative was to evaluate the participants' ability to perform experiments and demonstrate their keen observational skills.

RAMAN SCIENCE CENTRE AND PLANETARIUM, NAGPUR

National Mathematics Day

The Centre in collaboration with National Council for Science & Technology Communication, DST, Govt. of India & Rajiv Gandhi Science & Technology Commission, Govt of Maharashtra, organised various activities and programme to commemorate National Mathematics Day on 03.01.2024 and 04.01.2024. The programmes were initiated with the inauguration of 'Popular Maths' Exhibition set up by the students of The Blind Relief Association's (TBRA) Mundle English School, Nagpur and 'Maths Lab' Exhibition set up by Shri Anil Surpaithankar, Ex-Mathematics Teacher - Nagsen Vidyalaya & CTO-Maths Lab, Nagpur on 03.01.2024. Smt. Aruna Shobhane, Ex-President, Junior College Mathematics Teachers Association - Nagpur Division inaugurated the exhibition for students and general visitors. The inaugural function was followed by Srinivasa Ramanujan Memorial Lecture delivered by Smt Aruna Shobhane, Ex-President, Junior College Mathematics Teachers Association - Nagpur Division. The programme was followed by a Question - Answer session. Also, an Open House Quiz on 'Mathematics in Daily Life' was organised after the lecture. The prizes were given on the spot. 110 students and members attended the lecture & Quiz. At the end of the day, a Popular Talk on 'Visualising Mathematics' was organised. Shri Anil Surpaithankar, Ex-Mathematics Teacher, Nagsen Vidyalaya, Nagpur and Founder of Maths Lab, Nagpur delivered the lecture. 61 students and their parents attended lecture.

On 04.01.2024, programmes started with a Written Mathematics Quiz on the theme 'Life & Works of Srinivasa Ramanujan' was organised wherein 31 high school students participated. Also, 'Hands-on mathematics' workshop was conducted for 23 high school students by Smt. Aruna Shobhane, Ex-President, Junior College Mathematics Teachers Association - Nagpur Division. Also Dr. (Mrs). D. K. Bhanu, Ex-Professor & Head, Dept. of Statistics, Institute of Science, Nagpur was present on the occasion. Open House Quizzes – 4 nos on theme 'Mathematics in Daily Life' were conducted for students and visitors on both the days. The programmes were culminated with Prize Distribution and Valediction function on 4th January 2024 evening. Dr (Mrs). D. K. Bhanu, Ex-Professor & Head, Dept. of Statistics, Institute of Science, Nagpur & Smt. Aruna Shobhane, Ex-President, Junior College Mathematics Teachers Association - Nagpur Division, were present on the occasion. Prizes and certificates were given away to the winners of the Contests and to the participants of Exhibition.

The 'Popular Maths' and 'Maths Lab' Exhibition was organised on 03.01.2024 and 04.01.2024 which has received an overwhelming response of in all 2996 students and visitors.

MSE to Gondia District on 'Curriculum based Science'

The exhibition was organised at 13 sites during 01.01.2024 and 30.01.2024 (26 days) in Gondia District. 9995 students and teachers visited the exhibition. 11 No. of SDLs were conducted for 4841 students. 8 films were screened for 827 students. 2 Sky Observation Programmes were conducted for 250 students.

MSE to Bhandara District on Hygiene & Sanitation

The exhibition was organised at 13 sites during 01.01.2024 and 30.01.2024 (26 days) in Bhandara District. 9910 students and teachers visited the exhibition. 46 No. of SDLs were conducted for 7,458 students. 58 films were screened for 8,461 students.

Test Your Experimental Skills - Level 1

6th Experimental Skill Test was conducted at Raman Science Centre and Planetarium, Nagpur in collaboration with Bombay Association of Science Education (BASE, Mumbai) on 21.01.2024. 19 students (Std 8 to 12) participated in the programme. The assessment of the students was done by assigning two science experiments (without any choice). These experiments were on any topic of science (not discriminating between Physics, Chemistry & Biology). Direct measurement of physical quantities was involved in Level-1. 6 Observers, Ex-HOD, Professors, PGT from Colleges and Schools (2 each from Chemistry, Physics & Biology) were present as Examiners for the Test. The criteria were to observe the experimental skills of the students on how they take readings, do measurements, plot graphs, do

calculations, data presentation etc. Based on the observations made by examiners, the students who scored 75% and above marks were awarded certificates. 1 student got certificates of Level I.

Science Museum School

Programme was organised at the Centre on 09.01.2024, 16.01.2024 and 30.01.2024. Children were introduced to various activities related to 3D objects, plasticine clay models & paper sculpture making (part of their syllabus). 40 students from underprivileged school 'Maharashtra Adhyayan Mandir' participated in the programme. The programme is supported by an NGO, Nishchay Foundation, Nagpur.

REGIONAL SCIENCE CENTRE, BHOPAL

Innovation Hub Programmes

Innovation Hub of the Centre organised 06 Orientation sessions, 01 Session and 01 Kabad Se Jugad session on the topics such as Cartesian Diver, Boyle's Syringes, Global Environmental Changes, Convection of Air, Maglev Pen, Coin Battery, Investigate Alien Genetics and CD Spectroscope during the period of January, 2024. A total of 21 Students participated in all these sessions.

Science Fiesta: 2023-24

Science Fiesta is a flagship programme of the Centre wherein premier scientific organisations of the state of MP are invited to showcase their products and technologies before a wide cross-section of visitors including students and general public. It provides an opportunity to inspire the younger generations about the recent trends in the field of Science & Technology and how it is applied to find solutions to various problems jeopardising the society. The Centre organised the three-days long Science Fiesta-2024 from 11.01.2024 to 13.01.2024 in its premises wherein different R&D organisations of Bhopal show-cased their innovative products and technologies from their stalls. Representatives from 15 organisations, located within and outside Bhopal, participated in the programme. These organisations were: AMPRI, AIIMS, IISER, CRISP-India, RGPV, EPCO, IISS, IIFM CIPET, RMNH, HEG, Raja Ramanna Centre for Advanced Technology, Indore, MP Biodiversity Board, Bhopal Meteorological Department and MP Urja Vikas Nigam. RSC, Bhopal was also represented by its own stall in the Fiesta.

The Fiesta was inaugurated by Dr. Anil Tiwari, Director General, MPCST on 11.01.2024 in the presence of Prof Asutosh Kumar Singh, Director, IIIT, Bhopal and Shri Umesh Kumar, Director, Nehru Science Centre, Mumbai. Two Popular Science Lectures were also organised during the programme. The first lecture was delivered on 12.01.2024, by Dr Aniket Sanyal, Director, National Institute of High Security Animal Disease (ICAR-NISHAD), Bhopal on the topic 'Role of ICAR-NISHAD in Control and Containment of Emerging and Exotic Animal Diseases' which was attended by nearly 280 audience. The second Popular Lecture was organised on 13.01.2024, wherein Dr Rajesh Arya, Outstanding Scientist & Associate Director, Laser Group, Head, Laser Technology Division, Chairman, Public Outreach Committee, Raja Ramanna Centre for Advanced Technology (RRCAT), Indore delivered a lecture on the topic 'Laser: A Versatile Tool' which was listened to by 280 numbers of audience. The Valedictory Function was held on 13.01.2024 which was graced by Mrs Anubha Srivastava, IAS, Commissioner, Directorate of Public Instruction, Bhopal. Shri Ganesh Shankar Mishra, MD, Urja Vikash Nigam and Dr Rajesh Arya, Outstanding Scientist, RRCAT graced the occasion as the Guests of Honour. The representatives of all the participating and stakeholder organisations were felicitated with mementoes and certificates by the honourable dignitaries gracing the occasion. A total of 3,696 visitors including students, teachers, housewives and the general public visited the Fiesta during the three days of the programme.

Inter-School Annual Science Quiz: 2023-24

With a goal to boost the critical thinking of students by assessing their knowledge on various developments of science and technology including cutting-edge research and frontier technologies, the Centre, with financial support from Canara Bank, Circle Office, Bhopal organised the Inter-School Annual Science Quiz:2023-24 amongst school students of MP from 08.01.2024 to 24.01.2024 in its premises. The event was organised in two categories i.e. Middle School (Class: 7 & 8) and High school (Class: 9 & 10) and was conducted in several rounds such as Preliminary, Quarter-Final, Semi-final and Final in which knowledge of participating students on various developments of science and technology was intensively and extensively tested. A total of 66 quiz teams comprising nearly 200 students and teachers, within and outside Bhopal, participated in the event. A total of 35 matches with the quiz teams were conducted during the event. The fortnight-long mega event came to a close with the holding of the Valedictory Ceremony on 23.01.2024. Shri Ram Khiladee Meena, Deputy General Manager, Canara Bank, Circle Office, Bhopal, and Shri Sanjeev Arora, Circle Office, Bhopal graced the Valedictory Ceremony and felicitated the meritorious quiz teams. Shri Umesh Kumar, Director, Nehru Science Centre, Mumbai joined the Ceremony on online mode and addressed the audience.

Celebration of 75th Republic Day

The Centre observed the 75th Republic Day on 26.01.2024 by organising a series of programmes for school children. The celebration was kick-started with the unfurling of the tricolour National Flag in the Centre's premises and the recital of the National Anthem by the staff members of the Centre. A 'Science Toy Making Workshop' was conducted amongst school children in which each participant developed 5 science toys (namely, Bird in a Cage, Butterfly c.g. kit, stick c.g. kit, Newton's Colour Disc and Binary Number Kit) with all the raw materials, guidance and support provided by this Centre. The completed kits, along with certificates of participation, were permanently given away to the participants on the completion of the programme. A total of 9 participants participated in the programme. A Painting Competition on

the subject 'Scientific India, Prosperous India' was also held in two categories amongst school children in which a total of 80 students participated. Prizes and certificates will be awarded to all the meritorious participants of the competition.

Sci- Birthday

The Centre organised 1 no of Sci-Birthday programmes on 09.01.2024. A total of 25 people participated in the programme. Various educational programmes such as Liquid Nitrogen Show, Taramandal Show, Sky Observation Programme, Gallery Tour, Dinosaur Corner Tour, Innovation Hub visit and Make & take Workshop etc. were conducted during the programme.

Mobile Science Exhibition

The Centre, in collaboration with Rajya Shiksha Kendra, organised a Mobile Science Exhibition (MSE) on the topic "How Things Work " in the schools of the district of Mandla. Apart from the exhibition, SDL and Science Film shows were also conducted during the programme. A total of 13 schools were covered during the month. The Centre also organised a Mobile Science Exhibition programme with its MSE unit entitled 'Energy' in the district of Narmadapuram and covered a total of 11 schools during the month. Apart from the exhibition, SDL shows were also conducted. The Centre also organised a Mobile Science Exhibition programme with its MSE unit entitled 'Measurement ' in the district of Raisen and covered a total of 11 schools during the month. Apart from the exhibition, SDL shows were also conducted.

GOA SCIENCE CENTRE AND PLANETARIUM, PANAJI

Workshop on 'Light and it's properties'

The Centre organized hands on workshop for GSC and Innovation Hub members on topic Light and its properties on 07.01.2024. During the workshop topics such as electromagnetic spectrum, reflection and refraction, various optical phenomena were covered engaging the participants in activities to observe reinforcing key concepts of light through interactive learning. Total 32 students participated in the workshop.

National Youth Day

The Centre organized spot quiz for the students and general public visiting the centre on 12.01.2024. The quiz featured about influential youth leaders and role models who have made significant contributions to society. The enthusiastic students and general public actively participated in the quiz and gained the knowledge about history and significance of National Youth Day. Total 136 students and general public attended the quiz.

Astro Night Tourism

The Centre organized Astro Night Tourism at Miramar beach on 17.01.2024. During the program the tourists were allowed to explore the night sky from various perspectives and observe celestial objects like moon, Jupiter and Saturn through telescope. The tourists were also guided with stargazing session explaining significant celestial phenomena. Total 2686 visitors witness the event.

Free Blood Test Camp

The Centre in collaboration with Metropolis Healthcare Ltd organized Free Blood Test Camp on 19.01.2024. The idea of organizing the blood test camp is for promoting early detection, prevention and management health conditions. During the camp basic health screening such as Cholesterol Level, Thyroid disorder and random blood sugar were tested by healthcare professionals. Total 65 public including many senior citizens participated in the camp and got tested.

Popular Science Lecture

The Centre organized Popular Science Lecture for GSC and Innovation Hub members on 21.01.2024. The interactive lecture was delivered by Shri Neil Dmello on topic 'Mysteries of the cosmos'. Total 45 audiences were present for the lecture.

Test Your Experimental Skill

The first level of certificate of Experimental skills was organized on 28.01.2024 in collaboration with Bombay Association of Science Education. During the experimental skill test students were asked to perform two experiments for skill assessment. In total 9 students participated.

Teachers Training Program

The Centre in collaboration with Vigyan Parishad Goa and Bombay Association of Science Education organised a teachers training program on 29.01.2024 & 30.01.2024. During the workshop teachers were trained in developing experimental skill. Dr. Paresch Joshi, TIFR and Prof. Shashibhal Pandey, Smt. CHM college, Thane were the resource person for the workshop. In total 20 teachers participated in the workshop.

Mobile Science Exhibition

The Centre organized Mobile Science Exhibition in Ratnagiri District of Maharashtra wherein the bus visited 10 schools in the month of January and total 11036 students, teachers and general public witness the exhibition, Various other interactive educational programs such as sky observation, science demonstration were also organized during the program.

DISTRICT SCIENCE CENTRE, DHARAMPUR

Outreach Programme at PM Shri Jawahar Navodaya Vidyalaya Saputara

Innovation Hub, at the Centre organized two-day workshop under Vigyan Jyoti programme at PM Shri Jawahar Navodaya Vidyalaya in Saputara on January 8th and 9th, 2024. The diverse range of topics covered, including Robotics, Cyber Security, and Astro Voyage with Telescope, enriching experience for the participants. Participants delved into hands-on experiences with robotics and engaged in dynamic discussions with expert speakers. Cyber Security took precedence on day two, imparting practical skills in threat detection and ethical hacking. The workshop's highlight was the Astro Voyage with Telescope, offering a mesmerizing exploration of the cosmos. Successfully bridging theory and application, attendees left with enriched knowledge in robotics, cybersecurity, and a profound connection to the universe. In all 250 students participated in the programme.

Mushroom Cultivation Training Programme

Innovation Hub, District Science Centre, Dharampur in association with Government Science College, Bhilad organized a 2-days workshop on Oyster Mushroom Cultivation training programme, on 10.01.2024 and 11.01.2024, at Government Science College, Bhilad. Attended by 37 students, the program provided invaluable insights into the intricacies of mushroom cultivation, market dynamics, and future trends. Practical sessions equipped participants with hands-on experience, fostering a deeper understanding of sustainable agriculture. The workshop not only empowered students with practical skills but also illuminated the future of oyster mushroom cultivation, contributing to agricultural innovation and economic opportunities.

Resin Art Workshop - National Youth Day

To mark the Birth anniversary of Swami Vivekananda, National Youth Day was celebrated at Innovation Hub of the Centre by organizing a 2-day Resin Art Workshop on 12.01.2024 and 13.01.2024, specifically catering to Tribal belt students. (6 male & 6 female)12 participants delved into the world of resin art, exploring its significance, economic value, and entrepreneurial prospects. The workshop not only nurtured artistic skills but also shed light on the business potential of resin art. By integrating creativity with economic insights, this event empowered the Tribal belt students with a holistic understanding of resin art, encouraging them to explore entrepreneurial avenues and contribute to the creative economy.

Astro Night- Sky observation Programme at Auomira School, Nargol.

Astro Night Sky observation program conducted by the District Science Centre, Dharampur from 20.01.2024 to 22.01.2024 at Auomira School, Nargol, Tal Umargam, Dist. Valsad. The event seems to have been well-structured with three different sessions include one early morning session, engaging a total of 450 students, teachers, and general visitors. The use of telescopes, particularly the Celestron CPC 800 and Celestron SLT 102, allowed participants to observe several celestial bodies, including the Moon, Jupiter, Saturn, Venus, Mercury, Mars, the Sun, M42 Orion Nebula, and M45 Pleiades. Additionally, constellations and zodiac signs like Aries, Auriga, Canis Major, Cassiopeia, Gemini, Orion, and Taurus were explored. The inclusion of stars such as Aldebaran (Rohini), Betelgeuse, Capella, Castor, Pollux, Polaris, Sirius, Alcor, and Mizar, Antares, Spica, Regulus Arcturus, Vega added to the richness of the experience. It's great that the program aimed to educate and inspire by providing a glimpse into the wonders of the night sky. Such initiatives contribute significantly to science education and foster a greater appreciation for astronomy among participants.

“हिंदी कार्यशाला तिमाही रिपोर्ट को भरने में आने वाली समस्याओं का समाधान”

"हिंदी कार्यशाला तिमाही रिपोर्ट को भरने में आने वाली समस्याओं का समाधान" कार्यशाला का आयोजन राष्ट्रीय विज्ञान संग्रहालय परिषद, संस्कृति मंत्रालय, भारत सरकार ने 17.01.2024 को किया। इस कार्यशाला का संचालन श्री प्रभुदयाल, राजभाषा हिन्दी सलाहकार द्वारा किया गया। इस कार्यशाला में जिला विज्ञान केंद्र धरमपुर के नामित अधिकारी और कर्मचारी ने प्रतिभागिता की। कार्यशाला का मुख्य उद्देश्य तिमाही रिपोर्ट को भरने में आने वाली समस्याओं का समाधान करना था। इसके माध्यम से भाषा के प्रचार-प्रसार को बढ़ावा देने का प्रयास किया गया ताकि अधिकारी एवं कर्मचारियों को हिंदी में सुचना और रिपोर्टिंग करने में कोई कठिनाई ना हो। यह ऑनलाइन कार्यशाला ने अधिकारियों और कर्मचारियों को सही तरीके से रिपोर्टिंग करने के लिए नए तकनीकी उपायों की जानकारी प्रदान की और समस्याओं का समाधान करने के लिए प्रयास किया गया।

Mobile Science Exhibition on “Hygiene and Sanitation”

Mobile Science Exhibition on “Hygiene and Sanitation” was organized by the Centre during the month January 2024 in Ashram Schools of Valsad District. Total 14 sites were covered during the month.

“Curriculum based” Mobile Science Exhibition

Curriculum based Mobile Science Exhibition was organized by the Centre during the month January 2024 in Valsad District. Total 6 sites were covered during the month.

Teacher’s Training Program on Culture Integrated Education

Teacher training program on "Culture Integrated Education" held at DSC, Dharampur, in collaboration with DIET (District Institute of Education and Training), Valsad. The program was organized as a part of the National Education

Policy (NEP). The training program took place from January 23 to January 24, 2024. A total of 58 teachers and 7 experts from Valsad district attended the program. The focus of the training was on "Culture Integrated Education," aligning with the broader goals of the National Education Policy. A lecture on the "Scientific Culture of India" was delivered by the Centre, providing insights into the rich scientific heritage of the country. Shri Mahendrabhai Patel, the Principal of DIET, Valsad, & Dr. Pankajkumar Desai, Science Adviser, DIET Valsad along with other experts, actively contributed to covering various topics related to Culture Integrated Education during the teacher training program.

National Voters Day

National Voters Day was observed on 25.01.24 at DSC, Dharampur in Collaboration with District Election Officer, Administration of Valsad. EVM- VVPAT demonstration was given at DSCD. Around 100 people gave their trial vote in EVM. National Voters Day was Observed on January 25, 2024, at DSC, Dharampur in collaboration with the District Election Officer and Administration of Valsad to promoting awareness about the importance of voting and civic responsibilities. EVM-VVPAT Demonstration: An Electronic Voting Machine (EVM) and Voter Verifiable Paper Audit Trail (VVPAT) demonstration was given at DSCD. This is an excellent way to educate people about the voting process and the technology used in elections. Approximately 100 people from rural area participated by giving their trial vote in the EVM, demonstrating the practical aspects of the voting process.

Celebration of 75th Republic Day

Celebration of 75th Republic Day was held on January 26, 2024 at DSCD. Shri A.V. Jethe, DSO, DSCD, unfurled the national flag, as a part of Republic Day celebrations & delivered a speech about the historical and cultural significance of the day and India's scientific achievements during last few years. Staff members and general visitors participated in the celebration by singing a patriotic song. Around 65 staff members and visitors were present, showcasing community participation in the celebration.

Observance of Shaheed Diwas

Shaheed Diwas was observed in memory of Mahatma Gandhi dedicated to remembering Mahatma Gandhi and the sacrifices made by the martyrs of India. Staff and students observed a 2-minute silence at 11 am to pay tribute in a poignant way to the sacrifices made for the nation. Approximately 60 staff members and school children participated in the Shaheed Diwas event.

Integrated Science & Robotics:

Regular science activities and programs organized by the Innovation Hub on Saturdays and Sundays. The Innovation Hub conducts integrated science & robotic activities. A total of 20 student members were enrolled in the program from December to February, suggesting a period of active engagement. The students engaged in learning about various scientific concepts, including different types of waves, oxidation reactions, types of mirrors, types of mixtures, and the concept of immiscible liquids. They also made semi-automated robots using electronic circuits and components.