



BUZZER

PUSHPA GUJRAL SCIENCE CITY

October-December 2024

Message from the Desk

Dear Readers

A very Happy New Year from the PGSC family! As we reflect on the past year, it was truly remarkable year and will be remembered for the most significant milestones - from record-breaking attendance at our existing galleries and scientific events to the launch of our Virtual Immersive Show.

Over the past quarter, we had the privilege of organizing a wide range of impactful activities. We raised awareness on sustainable development during World Habitat Day, focussed on disaster preparedness for Disaster Reduction Day and celebrated the creative fusion of art and science through our Art in Science competition. Our Fun Science Workshop brought interactive learning experiences, while Mathematics Day offered fresh perspectives on innovative problem-solving methods.

Our Science Fest provided a platform for students to showcase their innovative projects and models, and the Food and Nutrition Show shared valuable insights into health and wellness. We also organized a Nature Camp to connect children with nature. The Innovation Hub continued to inspire with its engaging workshops and mentoring sessions, sparking new ideas and collaborations.

A stand out moment this quarter was the visit of the Hon'ble Governor of Punjab, Shri Gulab Chand Kataria to PGSC, whose visit provided us an opportunity to showcase our diverse range of attractions and activities.

As we step into 2025, we're filled with excitement for another year of growth, innovation and inspiration. We are committed to bringing even more dynamic and engaging initiatives your way. Stay tuned for the latest updates- follow us on Facebook, Twitter and Instagram to stay in the loop.

Here's another year of making memories and creating impact together!

Dr. Manish Kumar, IFS
Director General



Sciencecity_GoP



PushpaGujralScienceCity,Kapurthala



sciencecitypunjab

Hon'ble Governor of Punjab Shri Gulab Chand Kataria visits PGSC



World Habitat Day (05.10.2024)

To promote awareness about urban biodiversity, the importance of natural habitats, and the need for sustainable urban development, bird watching activity was organized at PGSC. The activity highlighted the connection between biodiversity, healthy ecosystems, and sustainable urban living. 41 school students participated.



Wildlife Week

(02.10.2024 - 08.10.2024)

Wildlife Week is an annual celebration aimed at raising awareness about the importance of protecting wildlife and their habitats. PGSC celebrated the week with engaging activities, like talks on wildlife, Quiz competition and Biodiversity game. 155 school and college students participated in the various activities conducted during the week.





International Day for Older Person (06.10.2024)

The day was celebrated at PGSC on the theme “Ageing with Dignity: The Importance of Strengthening Care and Support Systems for Older Persons Worldwide”. An Expert talk on Health and Wellness was delivered by Dr. Sushil Salhorta. Live singing session and fun games were also organized. 65 senior citizens attended the event.



Workshop on Fun with Science (19.10.2024)

This was an interactive, hands-on workshop to introduce scientific concepts in an engaging and enjoyable way. The goal was to spark curiosity, make learning exciting, and inspire creativity through experiments and activities. Experiments on various scientific topics like, Bernoulli’s principle, Inertia Force, Boyle’s law, surface tension, atmospheric pressure, Sound, properties of air, oxygen needs for burning, etc. were covered during the workshop. The basic concepts of science behind the working of exhibits installed at PGSC were also explained to them.

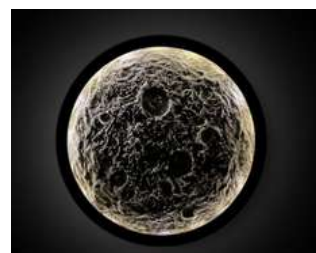


International Day for Disaster Reduction (21.10.2024)

The day was organized at PGSC by demonstrating fire-fighting techniques. Visitors were made aware of the importance of personal safety and disaster preparedness, self-defence techniques and emergency response skills that can be applied in real situations. 150 school and college students attended.

Art in Science Competition (26.10.2024)

The competition was organized with an objective to explore and illuminate the aesthetic beauty that results when science, art, and technology intersect. 41 entries were received from students of fine arts colleges from Jalandhar, Ludhiana, Amritsar & Chandigarh.



Marie Curie Day (07.11.2024)

On this occasion, a talk on the life and work of Marie Curie was organized. The talk provided a comprehensive overview of Marie Curie's life, achievements, and legacy. 53 school students and teachers attended the talk.



World Science Day for Peace and Development (12.11.2024)

The celebration highlighted the crucial role that science plays in society, fostering peace and sustainable development globally. PGSC hosted a 'Meet the Scientist Program', in which children got the opportunity to meet and interact with Dr. Pooja Devi, Principal Scientist, CSIO, Chandigarh. The event provided a chance for curious minds to ask questions directly to scientist about their careers, research, and current trends in science. A Declamation Contest on the theme "Role of Science in developing solutions to global challenges" was also organized. 84 school students participated in the event.



Workshop on Low Cost Teaching Aids (20.11.2024)

The workshop emphasized the importance of using low-cost teaching aids to engage students in active learning. 24 teachers from various schools attended the workshop. The workshop equipped teachers with simple, yet powerful tools to enhance their students' learning experience.

World Aids Day (01.12.2024)

The day was observed by organising a Nukkad Natak at PGSC campus. The play addressed common misconceptions about HIV/AIDS, the importance of early detection, and safe practices to prevent transmission. >250 visitors attended the event.



Science Fest 2024 (23.11.2024)

Science Fest is an annual event to develop innovation and creativity among school students. A competition of Innovative projects / models on the theme “Science, Technology & Innovation for Societal Transformation” was organized. 97 innovative projects /models were presented by students from class 7th to 12th. Dr. Neelima Jerath, former Director General, PGSC, was the Chief Guest. Dr. Vikas Handa from Thapar University, Patiala, Dr S. K Tiwari from NIT Jalandhar and Dr. Anurag Sharma from GNA University, Phagwara, served as expert evaluators for the innovative projects presented by the students. The event helped foster a passion for STEM subjects, encourage creative thinking, and nurture the next generation of innovators, scientists, and engineers.



Directors, DEOs & Principal Meet (30.11.2024)

The meet was organized with an objective to create a collaborative platform for educators to share insights, explore innovative teaching methodologies and appreciate the role of science in education. The participants were given a comprehensive tour of Science City exploring various facilities that contribute to the enhancement of educational standards. The meet was attended by 47 participants ,including DEOs, Directors and Principals.



Food & Nutrition Show-2024 (30.11.2024)

Pushpa Gujral Science City in collaboration with the Punjab State Council for Science & Technology (as the state nodal agency), organized a dynamic Food & Nutrition Show under the Environment Education Program of the Ministry of Environment, Forest & Climate Change, GoI. The event, themed “Street Eats with a Healthy Twist,” brought together culinary talent to showcase recipes that use sustainable ingredients, thereby, encouraging participants and spectators to adopt similar practices in their daily lives. Approx. 140 participants, including students from Hotel Management Institutes, colleges and homemakers from 4 districts, viz., Jalandhar, Kapurthala, Hoshiarpur and Ludhiana participated. The contestants showcased innovative street food recipes using millets local/seasonal vegetables/spices and other nutritious ingredients to promote healthier versions of popular dishes. Celebrity chefs Vishavdeep Bali (MasterChef, Food consultant, cooking TV show host) and Nellu Kaura (Founder ChefKala, Judge Masterchef Punjabi Show, Influencer) were the judges of the show.



IITF-2024

PGSC participated in International Trade Fair, 2024 (Punjab Pavillion) at Pragati Maidan, Delhi from November 14 to November 27, 2024 organized by Indian Trade Promotion Organization New Delhi. We were honoured to welcome S. Tarunpreet Singh Sond, Hon'ble minister Industries & Commerce, GoP at PGSC stall in Punjab Pavilion .



National Pollution Control Day (02.12.2024)

National Pollution Control Day is an occasion to remember those who lost their lives in the Bhopal Gas tragedy on 2nd December 1984. The day aims to raise awareness about the significance of controlling pollution and its harmful effects on human health and the environment. PGSC organised a talk and Slogan Writing contest on the theme "Clean Air-Green Earth- A Step Towards Sustainable Living". 95 school students participated in the event.



National Energy Conservation Day (14.12.2024)

The day serves as an opportunity to raise awareness about reducing energy consumption and using energy resources responsibly to protect the environment and support sustainable development. A Talk and Science Play on the theme "Powering Sustainability: Every Watt Counts" was organized at PGSC to highlight the importance of energy efficiency and conservation. 129 students from different schools participated in the event.



Science behind Textiles Show (19.12.2024)

The event aimed to delve into the fascinating intersection of science, technology, and textiles. Dr. Priyanka Gupta, Deptt. of Textile Technology, NIT Jalandhar was the resource person who conducted a session on "Smart Textiles" providing an insightful look into the integration of technology with fabrics, highlighting their ability to sense, react, and adapt to environmental changes. 85 students participated.



National Mathematics Day (20.12.2024)

This day recognizes the extraordinary contributions of the great Indian mathematician Srinivasa Ramanujan to mathematics- his work in number theory, continued fractions, and infinite series, which have had a lasting impact on the field of mathematics. Ms. Rumani Ahuja, State Awardee from Ludhiana was the resource person wherein she taught innovative techniques and shortcut methods for solving mathematical problems.



Nature Camp (20.12.2024)

To provide participants an opportunity to engage with nature, learn about the environment, and develop a deeper understanding and appreciation of the natural world, a Nature Camp was organized by PGSC, which involved - Visit to Harike Wetland, Nature trail & Bird Watching. Total 50 participants (40 students from Class 7th to 10th and 10 teachers) from schools of Jalandhar & Kapurthala attended the camp. The camp was organized (with financial support from Punjab State Council for Science & Technology, Chandigarh to align with objectives of Mission LIFE of Ministry of Environment, Forest & Climate Change, GoI)



Environment Education Programme

During the reporting quarter, a total 2206 students from Guru Nanak Dev University, Amritsar; KMRD Jain College for Women, Malerkotla; Guru Nanak Dev University Regional Campus, Jalandhar; Guru Gobind Singh Khalsa College, Bhagta Bhaika; Dashmesh Khalsa College, Zirakpur; SSD College, Bathinda; Guru Gobind Singh Khalsa College for Women, Hansali Kherha; Guru Nanak Dev University, Amritsar; Guru Nanak Dev University Regional Campus, Gurdaspur visited PGSC under the compulsory course on “Environmental Studies” .

Mobile Science Exhibition

During the reporting quarter, the bus visited DAV Public School, Chandigarh; Public High School, Hoshiarpur; St. Soldier International School, Mohali on chargeable basis covering a total of 548 students.



From the Innovation Hub



Workshop on Robotic Sensors (10.10.2024)

The workshop was organized at Innocent Hearts School, Nurpur. The students learnt to implement motor control and distance sensing using TinkerCAD block coding and simulation. 108 students attended the workshop.



Workshop on Designing Circuits and 3D Designs using TinkerCAD (11.10.2024)

The students were introduced to fundamental electronics and 3D design principles i.e. basics of LED circuits, including how to create a blinking LED setup and connect LEDs in series and parallel configurations. The workshop was organized at Chanakya School, Jalandhar, wherein, 50 students attended the workshop.

Workshop on 3D Designing (09.12.2024)

The workshop was conducted at Innocent Hearts School, Loharan, wherein, students learnt Computer-Aided Design (CAD) using OnShape. 148 students attended the workshop.



Workshop on Electronics Circuit Designing & Arduino Programming (12.12.2024)

The workshop was conducted at Innocent Hearts School, Jalandhar, wherein, students learnt fundamental concepts of LED circuits, including blinking LEDs and connecting LEDs in series and parallel configurations. They also learnt to control electrical appliances and interface various sensors using Arduino programming. 36 students attended the workshop.

Bookings

Dome Theatre is currently under up-gradation stage. Accordingly, package tickets will not be available till further notice.

TICKET	ADULT	STUDENT / CHILDREN	FAMILY (2 ADULT + 2 CHILDREN)
Entry Ticket	195*	130*	585**
Laser Show	60	40	160
3 D Show	60	40	160
Earthquake Simulator	60	40	160
Flight Simulator	60	40	160
Climate Change Theatre	60	40	160

Note:-

-Entry of one teacher is complimentary with the group of at least 25 students. Additional teachers will be charged ticket rates equivalent to that of students.

- *includes food coupon of Rs.20/-

- **includes food coupon of Rs.80/-

ANNUAL TICKET CHARGES

You can visit PGSC as many times as you like within one year of purchasing an Annual Ticket. The cost of ticket is recovered in less than three visits. The Annual ticket rates are:

Student / Teacher: Rs 690/-

Adults: Rs 990/-

For more details , please contact:

Ms. Manpreet Kaur; M: 7889291007

HOSTEL FACILITY FOR STUDENTS/TEACHERS

AC accommodation for 100 students and 10 teachers is available. Separate arrangement for boys and girls. Stay charges: Rs 150/- per person (Food charges extra).For hostel booking, contact: Mrs. Harsimran Arora; Mobile: 9814592927
GST @ 12 % (extra)

NIGHT SKY WATCHING

Science City provides Night Sky Watching facility when clear sky offers best view of the planets. Science City also provides Night Sky watching facility on demand of educational institutions at their own premises. Student / Teachers : Rs. 65/-. Minimum students required for booking: 100 + to and fro Travelling @ Rs.12 per km + stay facility for PGSC team for 1 night. For more details & reservations, please contact: Ms. Kanika Sharma ; Mobile: 94175 21428

BUSINESS OPPORTUNITIES

Register yourself as a Tour Operator or Be our Sponsors. For More Information, please contact: Dr. Munish Soin, Scientist D; M: 8146580387

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