








### List of Events organized by PGSC (2023-24)


S. No.	Date	Webinar	Speaker/Experts / Resource Person	No. of Participants	Creative
1)	07.04.2023	World Health Day	Dr. Sumit Malhotra, Professor of Community Medicine, <b>AIIMS, New Delhi</b> delivered a talk (online) on “Health and Well Being for young people”.	150	
2)	18.04.2023	World Heritage Day	A quiz program was organized for visitors and students. Prizes were distributed to winners.	60	
3)	24.04.2023	World Earth Day	<p>A 2-day event was organized by Pushpa Gujral Science City at this occasion on the theme “Invest in our Planet”.</p> <p><b>Day 1 (22.04.2023):</b></p> <ul style="list-style-type: none"> <li>• Expert talk on “Climate Change and its Impact”</li> <li>• Activity on making planters from plastic bottles</li> </ul> <p><b>Day 2 (24.04.2023):</b></p> <ul style="list-style-type: none"> <li>• Expert talk on “Causes, Effects and Mitigation of Deteriorating Mother Earth’s Environment”</li> <li>• Poster making competition</li> <li>• Science Play competition</li> </ul>	250	

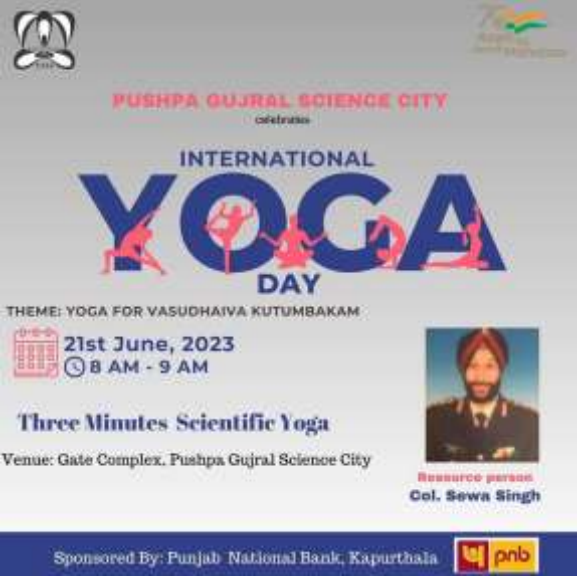

			<ul style="list-style-type: none"> <li>• Tree plantation</li> </ul> <p>Dr. Amrik Singh Ahluwalia, <b>Professor &amp; Pro Vice Chancellor, Eternal University, Baru Sahib</b>, Distt. Sirmour, Himachal Pradesh was the Chief Guest.</p> <p>Winners were awarded cash prizes.</p> <p>The program was sponsored by Ministry of Earth Sciences, Govt. of India.</p>		
4)	25.04.2023	DNA Day	<p>Dr. Rajinder Kaur, Professor Department of Human Genetics, <b>Punjabi University, Patiala</b> delivered a talk on “Magic of DNA”.</p>	70	
5)	11.05.2023	National Technology Day	<p>A computer literacy camp was organized at Village Dhapai, Kapurthala. The camp aimed at promoting internet literacy among women in the rural areas in order to contribute to the Digital India Mission. The participants were educated about the various uses of internet, including net banking, mobile app money transfer, creating e-mail accounts, etc. About 50 women participated in the camp.</p>	50	

6)	17.05.2023	World Telecommunication and Information Society Day	Dr. Arun K. Khosla, Professor, Department of Electronics and Comm. Engg., NIT Jalandhar delivered a talk on “Evolution of Telecommunication and its Future”	300	 <p>The poster is for an event at Pushpa Gujral Science City. It features a blue and white color scheme with a stylized antenna icon at the top. The text reads: 'Pushpa Gujral Science City celebrates WORLD TELECOMMUNICATION AND INFORMATION SOCIETY DAY MAY 17, 2023 11:00 AM Topic: Evolution of Telecommunication and its Future For Students of class 10th, 11th and 12th SPEAKER Dr. Arun K. Khosla Professor Department of Electronics and Comm. Engg. NIT Jalandhar'. A circular portrait of Dr. Arun K. Khosla is on the right side.</p>
7)	18.05.2023	International Museum Day	A Talk on History of museums showcasing their socio-cultural importance to the individual and the society as a whole was delivered at Govt. Sen. Sec. Smart School, Dhaliwal Bet. A virtual tour of Science City was also conducted. About 80 students participated.	80	

8)	19.05.2023	Student Innovation Congress (under AKAM) Student Research projects on Sustainable Livelihoods, Climate Change, Energy, Sustainable Cities & Communities	PGSC organized Student Innovation Congress on the theme “Sustainable Livelihood, Climate Change, Energy and Sustainable Cities & Communities” to celebrate Azadi ka Amrit Mahotsav. About 100 school students from Class 7 <sup>th</sup> to 12 <sup>th</sup> presented their projects on the theme Sustainable livelihood, Climate Change, Energy and Sustainable cities and communities.	100	
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9)	22.05.2023	SD-ASK: International Day for Biological Diversity	<p>PGSC celebrated the day in collaboration with Punjab Biodiversity Board. Following activities were organized:</p> <ul style="list-style-type: none"> <li>• <b>Expert Talk</b> by Dr Renu Bhardwaj, <b>Professor</b> Department of Botanical and Environmental Sciences, <b>GNDU</b> on the theme “From Agreement to Action-Build Back Biodiversity”.</li> <li>• <b>Competitions:</b> Theme- Build Back Biodiversity <ul style="list-style-type: none"> <li>▪ ‘Face Tattoo making’</li> <li>▪ ‘Poster making’</li> </ul> </li> </ul> <p>About 70 participants attended the event. The event was sponsored by National Biodiversity Authority, GoI.</p>	70	
10)	30.05.2023	Arc Welding Competition	<p>The competition was organized for ITI students. About 50 students from Govt. ITIs from 3 districts of Punjab participated. Cash prizes were awarded.</p>	50	


11)	05.06.23	<p>SD-ASK</p> <p>World Environment Day</p> <ul style="list-style-type: none"> <li>• Expert talk</li> <li>• Film Show in collaboration with CEC/IIPA</li> </ul>	<p>A Film show was organized on the theme <b>#BeatPlasticPollution</b> followed by discussion with the participants on the role of individuals in waste segregation, reuse and recycling at household level. The program was organized in collaboration with Centre for Environment Communication, Delhi. The discussion was moderated by Ms. Alka Tomar, President CEC.</p> <p>Following films were screened:</p> <ul style="list-style-type: none"> <li>• Lets do better to #BeatPlasticPollution this World Environment Day 2023   UNEP WED 2023</li> <li>• Tik Tik Plastic - Beat Plastic Pollution  Shaan   Bhambha Foundation</li> <li>• A short film to end plastic pollution in South-East Asia  MeshMinds and Studio Birthplace</li> <li>• Could a fuel generated from plastic waste replace fossil fuels and meet energy needs?   Eco India  Brett Chamberlin, Michael O'Heaney and Ruben DeLuna</li> <li>• The Story of Plastic  Eco India Plastic Waste Management Project  Sarthak Indore and UNDP</li> </ul>	60	 <p>The poster is green and white. At the top left is the Pushpa Gujral Science City logo. Text includes: 'Pushpa Gujral Science City in collaboration with Centre for Environment Communication (CEC)'. The main title is 'WORLD ENVIRONMENT DAY' in large green letters. Below it is 'FILMS ON NATURE &amp; ENVIRONMENT'. The date and time are 'JUNE 5 @ 12 NOON'. Platform details: 'Platform: ZOOM Meeting ID: 898 3628 6457 Passcode: 12345'. A photo of Ms. Alka Tomar is shown with the text 'MODERATED BY Ms. Alka Tomar Director, Centre for Youth (C4Y) &amp; Centre for Environment Communication (CEC)'. At the bottom, it says 'Organized under SD-ASK   Sustainable Development: Attitude, Skills &amp; Knowledge program, PGC'.</p>
12)	15.06.23	Nature Photography Day	To create awareness and motivate general masses about science and nature, an exhibition on “Nature Photography” was organized.	700	



13)	21.06.23	International Yoga Day	<p>The day was celebrated on the theme “<i>Vasudhaiva Kutumbakam</i>”.</p> <p>&gt;100 people from surrounding villages attended the same. The expert was Col. Sewa Singh who spoke on the importance of yoga for human health and led yogic exercises. He also demonstrated “Three Minute Scientific Yoga” as part of daily routine in case 30 minute yoga is not possible every day by everybody.</p>	100	
14)	26.06.23	International Day against Drug Abuse	<p>The day was celebrated on the theme “People first: Stop stigma and discrimination, strengthen prevention”.</p> <p>Following activities were organized:</p> <ul style="list-style-type: none"> <li>• Expert talk by Dr. Gagandeep Kaur, District Youth Officer, Nehru Yuva Kendra Sangathan, Kapurthala</li> <li>• Nukkad Natak by Nehru Yuva Kendra Sangathan</li> </ul>	100	
15)	01.07.2023	Van Mahotsava	General students visiting PGSC were motivated to plant trees and conserve Biodiversity	700	
16)	11.07.2023	SD-ASK <ul style="list-style-type: none"> <li>• World Population Day</li> </ul>	To raise awareness and educate people about the challenges and consequences associated with population growth, PGSC celebrated World Population Day.	50	

			<p>Following activities were organized:</p> <ul style="list-style-type: none"> <li>• Nukkad Natak performed by students of Bawa Lalwani Public School, Kapurthala at Village Wadala Khurd, Kapurthala.</li> <li>• Essay writing competition on the theme “Sustainable Growth for Sustainable Future”. Students from 6 schools participated in the competition.</li> </ul> <p>The event was organized under SD ASK programme of PGSC</p>		
17)	15.07.2023	<p><b>International Seminar on “Education for Sustainable Development: Building Knowledge-Skills-Attitude”</b> organized under <i>Azadi ka Amrit Mahotsav</i></p>	<p>The seminar was organized with the objective to bring together experts, policy makers and educators/practitioners to deliberate on various innovative pedagogic methods that can be used in schools for education for sustainable development.</p> <p><b>Chief Guest:</b> Dr. Satbir Bedi, IAS (Retd.), Chairperson, PSEB</p> <p><b>Guest of Honour:</b> Dr. Rupanjali Karthik, Special Secretary, Deptt. of School Education, GoP</p> <p><b>Key Speakers:</b></p> <ul style="list-style-type: none"> <li>• Mr. Martin Jarrath, <b>General Coordinator, UNESCO Baltic Sea Project</b> shared case studies on ESD implementation by UNESCO in <b>9 European countries</b> (Germany, Russia, Denmark, Sweden, Finland, Estonia, Latvia, Lithuania, Poland) involving <b>180 schools</b></li> </ul>	200	




			<ul style="list-style-type: none"> <li>• Ms. Scilla Edmonds, an <b>ESD expert &amp; curriculum developer</b> and Principal at "The Birches" Durban, Kwazulu-Natal, <b>South Africa</b> shared how Education on Sustainable Development can help develop positive attitude towards environment conservation and sustainability.</li> <li>• Dr. Livleen Kaur Kahlon, <b>Environment Education &amp; Awareness Division, TERI</b> spoke on the three pillars of sustainability, i.e. Ecology, Economy &amp; Society, as well as, provide information about TERI's several programs across India.</li> <li>• Mr. P.C. Tewari, <b>Assistant Commissioner, Kendriya Vidyalaya Sangathan</b> shared his views, experiences and case studies on how KVKs have been implementing EE and ESD in schools.</li> </ul> <p>The seminar provided platform for forging new connections and fostering international collaborations. Around 200 participants, including principals of Adarsh Schools set up by Punjab Govt. in various districts of Punjab, teachers from Govt. Schools from several districts of Punjab and CBSE &amp; ICSE schools across Punjab participated in the seminar.</p>		
18)	15.08.2023	Independence Celebration	Day	The Indian National Flag was hoisted with full fervour.	60

19)	17.08.2023	SD-ASK: International Youth Day	<p>Following activities were organized:</p> <ul style="list-style-type: none"> <li>• Expert Talk: Topic - "Green Skills for Youth: towards a Sustainable World". Mr. Shibananda Dash, Director, Munjal Birmingham City University Centre of Innovation and Entrepreneurship.</li> <li>• Youth Discussion forum: Moderated by Mr. Shibananda Dash</li> </ul> <p>156 students/teachers from different colleges and schools participated.</p>	156	
20)	23.08.2023	Screening of landing of Chandrayaan-3	<p>An expert talk followed by live screening of landing of Chandrayaan-3 on Moon's South Pole on big screen was organized at PGSC. &gt;200 students, general public from surrounding villages and Science City Staff attended the historic lunar landing.</p>	225	
21)	24.08.2023	Workshop on Science Journalism	<p>Resource Persons / Key Speakers:</p> <ul style="list-style-type: none"> <li>• Sh. Megh Raj Mitter, Founder Tarksheel Society Bharat</li> <li>• Sh. Baljit Balli, Editor of Babushahi Network</li> <li>• Sh. Varinder Singh Walia, Editor, Punjabi Jagran</li> </ul> <p>The workshop provided a platform to budding journalists to improve their skills</p>	150	

			<p>and develop professionalism in Science Communication.</p> <p>It was attended by &gt;150 participants including young journalists, as well as, students and teachers of Journalism &amp; Mass Communication from different colleges across the Punjab.</p>		
22)	10.09.2023	Grand Parents Day	<p>At the occasion, PGSC offered free visit to Science City to all grandparents who came with their grandchildren.</p>	12	
23)	12.09.2023	Presentation on SDGs and Bird Watching Activity	<p>A presentation on SDGs was given to members of SD-ASK clubs. Bird watching activity was also organized at PGSC campus.</p> <p>80 students and teachers from five schools attended the event which was held early in the morning. The event was followed by Biodiversity Game.</p>	80	
24)	15.09.2023	Engineers Day	<p>PGSC organized Robotics Championship at the occasion of Engineer's Day. Following Contests were organized:</p> <ul style="list-style-type: none"> <li>• Robo Drag Race (20 ft. straight race)</li> <li>• Robo Off Roding</li> <li>• Robo Tug of War</li> </ul> <p>178 students/teachers from different colleges participated.</p>	178	

25)	16.09.2023	International Day for the Preservation of the Ozone Layer	<p>Following activities were organized:</p> <ul style="list-style-type: none"> <li>• Expert Talk on “Ozone: Good or Bad”</li> <li>• Slogan writing competition on “Protection of Ozone Layer”</li> </ul> <p>148 students/teachers from different schools participated. The program was sponsored by Ministry of Earth Sciences, Govt. of India.</p>	148	
26)	17.09.2023-30.09.2023	Swachhta hi Sewa campaign 2023	<p>To celebrate the Jan Andolan for Swachhata – a tribute to Mahatma Gandhi’ and to spread awareness among citizens of Punjab about Swachhata, PGSC organized following activities:</p> <ul style="list-style-type: none"> <li>• Awareness on Clean water through live demonstration at Mission Tandrust Punjab Gallery</li> <li>• Awareness campaign titled “Hara Geela, Sookha Neela” (waste segregation and management)</li> <li>• Cleaning of PGSC premises</li> <li>• A 5-day campaign (26.09.2023 to 30.09.2023) on the theme “Garbage Free India” was undertaken by <b>SD-ASK clubs</b> of PGSC at their respective schools. Following activities were organized: <ul style="list-style-type: none"> <li>○ Clean your campus</li> <li>○ Paint the litter bin</li> <li>○ Waste Segregation and compost making activity</li> <li>○ Conduct wet waste audit of the</li> </ul> </li> </ul>	125	

			<p>school (special focus on food waste)</p> <ul style="list-style-type: none"> <li>○ Clean a Wetland (activity at Kanjli wetland)</li> </ul>		
27)	19-20.09.2023	<b>5<sup>th</sup> International Conference on Sustainability Education (ICSE): Special Session on “Science, Technology for Sustainable Living”</b>	<p>PGSC organized a session on "Science, Technology and Innovation for Sustainable Living" on 20.09.2023 at 5<sup>th</sup> International Conference on Sustainability Education (ICSE) held at India Habitat Centre, New Delhi on 19<sup>th</sup>-20<sup>th</sup> September, 2023. The conference was organized in partnership with Mobius Foundation, New Delhi along with various international and national organizations, like, UNESCO, UNEP, Centre for Environment Education, Centre for Environment Communication, Foundation for Environment Education, WWF-India, etc.</p> <p>The session was chaired by Mrs. Namita Gupta, Head, INSPIRE-MANAK, DST-GoI</p> <p>Key Speakers:</p> <ul style="list-style-type: none"> <li>• Dr. Neelima Jerath, Director General, PGSC, who spoke on “An overview of SDGs” and shared the work of SD-ASK clubs set up by PGSC</li> <li>• Mr. Shubham Tandon, Project Officer, UNDP who spoke on “Climate Change and Sustainability”</li> </ul>	100	

			<p>Preceding the session, students from Delhi, Punjab and Haryana were invited to submit their innovative projects on:</p> <ul style="list-style-type: none"> <li>• Climate Change</li> <li>• Energy</li> <li>• Waste Management</li> </ul> <p>PGSC received 250 projects, out of which 30 projects were selected by a jury comprising experts from Punjab University, Chandigarh; Punjabi University, Patiala; and PGSC for poster presentation and the Best Projects were evaluated on the spot by a jury comprising Senior experts from National Museum of Natural History, Gol and TERI. The winners were awarded cash prizes. More than 100 students, teachers and seminar delegates participated.</p>		
28)	28.09.2023	Green Consumer Day	<p>PGSC organized a project / model /idea display competition to celebrate the day to build awareness on how even the small actions by individuals can help or harm the planet. 45 projects / models /ideas towards Zero Waste practices in schools were presented. Winners were awarded. &gt;200 students and teachers participated.</p>	200	

**List of trainings / Workshops / Science Camps organized by PGSC**

<b>S. No.</b>	<b>Date</b>	<b>Online Training / Workshop / Summer Camps</b>	<b>Experts / Resource Person</b>	
1)	11.04.2023	Workshop on Robotic Programming	Mr. Vishal Sharma, Chief Mentor, Innovation Hub	
2)	24.04.2023	Workshop on Introduction to Micro Controller	Mr. Vishal Sharma, Chief Mentor, Innovation Hub	
3)	03.05.2023	Experiments with Candles	Ms. Harsimran Kaur, EO	
4)	19.05.2023	Workshop on Electronic Sensors	Mr. Vishal Sharma, Chief Mentor, Innovation Hub	
5)	30.05.2023 31.05.2023	& Science Camp: Electronic Circuit Designing	Mr. Vishal Sharma, Chief Mentor, Innovation Hub	
6)	01.06.2023 02.06.2023	& Low Cost Teaching Aids	Ms. Harsimran Kaur, EO	
7)	01.06.2023 02.06.2023	& Science Toy Making Workshop	Mr. Vishal Sharma, Chief Mentor, Innovation Hub	
8)	06.06.2023	Hands-on- activities (Mathematics)	Mr. Akashdeep Singh, DEO	
9)	07.06.2023	Low Cost Teaching Aids	Ms. Harsimran Kaur, EO	
10)	07.06.2023	Fun with sensors	Mr. Vishal Sharma, Chief Mentor, Innovation Hub	
11)	17.06.2023	Nature Camp 1	Dr. B.S. Bhalla, Sci. D	
12)	23.06.2023	Model Rocketry	Mr. Akashdeep Singh, DEO	
13)	25.06.2023	Nature Camp 2	Dr. B.S. Bhalla, Sci. D	
14)	29.06.2023	Nature Camp 3	Dr. B.S. Bhalla, Sci. D	
15)	07.07.2023	Workshop on Boomerang paper airplane	Mr. Vishal Sharma, Chief Mentor, Innovation Hub	
16)	19.07.2023	Assembling and programming of an obstacle detector Robot	Mr. Vishal Sharma, Chief Mentor, Innovation Hub	
17)	24.07.2023	Electronics for Beginners	Mr. Vishal Sharma, Chief Mentor, Innovation Hub	

18)	02.08.2023	Workshop on Smart Sensors	Mr. Vishal Sharma, Chief Mentor, Innovation Hub	
19)	01.09.2023	Workshop on Robotics	Mr. Vishal Sharma, Chief Mentor, Innovation Hub	
20)	12.09.2023	Workshop on Block coding	Mr. Vishal Sharma, Chief Mentor, Innovation Hub	
21)	13.09.2023	Workshop on 5S Visual Workplace Organization	Mr. Sohan Singh Saini, DE (Mechanical)	