Message from the Desk

Dear Readers

The year 2018 had been an eventful year and witnessed a rapid development of Science City with the launch of Robotic Dinosaurs with blinking eyes, opening and closing movement of mouth with emulating sound, movement of front claws, swaying of tail and breathing movement of stomach. On great public demand, I-MAX film "EVEREST" depicting the beauty of Himalayas as well as the challenges faced by mountaineers was re-launched in the space theater. Five scientific informative kiosks based on Metallurgy, Gemology, Geology, Numismatic and Soil Science has been setup. These exhibits make students and general public aware about various types of metals and alloys, physical properties of different gems, various types of rocks and minerals, different kinds of coins of pre and post-independence period as well as various types of soils prevailing in the country.

The second phase of Mobile Science Exhibition bus started in October and the exhibition is being run to every nook and corner of Punjab in order to bring Science at their door steps. Subsequently, 50 Genetic Literacy clubs were set up under the Genetic Literacy programme. The Innovation Hub is running successfully and achieving its objective to develop culture of innovation and creativity amongst students by engaging young minds in various Scientific activities. Under the Hub, more than 30 workshops in various fields of Science & Technology were organized and around 500 students have been enrolled as members of Innovation Hub.

I wish you all a wonderful 2019 and look forward to your continued engagement with Science City.

Dr Neelima Jerath
Director General

Forthcoming Events
(1st- March 2019)

1. 9th &10th All Breed Dog Show: 10th Feb
2. Flower Show-2019: 2nd March
3. Innotech -2019: 19th & 20th March
WORKSHOP ON 3D DESIGNING (October 11, 2018)
The workshop was organized to familiarize participants with the latest 3D printer- Makerbot replicator. Students were demonstrated how an object can be designed in the software named “Solidworks”. Students were also demonstrated the working and the applications of the 3D printer. Approx. 25 students of Amarnath Hindu High School, Kapurthala participated in the workshop.

DRAWING COMPETITION (October 13, 2018)
To promote the spirit of cleanliness and to encourage children to become responsible citizens, a drawing competition on the theme Swachh Bharat Abhiyan was organized for students of DAV Model High School, Kapurthala. The event was organized as a tribute to pay tribute to Mahatma Gandhi on his 150th birth anniversary.

WORKSHOP ON TOD PHOD JOD (October 14, 2018)
The workshop was organized for students of Shri Guru Hargobind Public School, Nadala. The participants were demonstrated working of an electric iron and how to assemble and disassemble the iron.

WORKSHOP ON FOOD ADULTERATION RAPID TESTING (October 22, 2018)
To induce awareness among the young minds about food safety and promote responsible consumerism, a workshop on food adulteration rapid testing was organized for Manav Sehyog School, Jalandhar. Approx. 50 students participated in the workshop.

WORKSHOP ON ROBOTICS (November 20, 2018)
The workshop was organized at Shri Harkrishan Public School, Kapurthala. The participants were demonstrated how to assemble and program a robot.

SCIENCE FEST (December 1, 2018)
To provide a platform to the school students to display their innovative ideas and to provide opportunity to the students to showcase their talent and vision, the Innovation Hub organized Science Fest-2018. Prof. Lalit Kumar Awasthi, Director NIT, Jalandhar was the Chief Guest on this occasion. In his address to the students, Prof. Awasthi appreciated the initiatives of Science City in promoting creativity and innovation. He said that creativity is a function of knowledge, curiosity, imagination, and evaluation that leads to innovation. Further, he added that the greater the knowledge base and level of curiosity, the more potential innovative ideas will be generated. Dr. Neelima Jerath, Director General Science City, emphasized the importance of the Innovation Hub in inculcating creativity and innovativeness in the young minds and appealed the students to avail the facility of this hub to develop their problem-solving skills. About 350 students from different schools participated in the event. Cash Prizes ranging from Rs. 1000 to Rs. 5000 were awarded to the winners.

WORKSHOP ON SCIENCE BEHIND MIRACLES (December 3, 2018)
To impart knowledge on various basic scientific principles, a workshop on Science behind Miracles was organized for students of Amarnath Public School (Kpt), DAV Model High School (Kpt) and Manav Sehyog Public School (Jal.). Approx. 60 students participated in the workshop.
WOMEN EMPOWERMENT THROUGH GENETIC LITERACY: AN INNOVATIVE INTERVENTION

Aimed at sensitizing that a woman is neither responsible for the sex of the child nor for the genetic disorders, Science City in collaboration with DST, GoI has started this project. Under this project Genetic literacy clubs are formed in schools/villages across Punjab. The members of the club organize awareness activities to sensitize people on this issue. In the past quarter, 27 clubs were formed. The clubs organized various awareness activities viz. Rally/Nukkar Natak, competitions etc.

NIGHT SKY WATCHING

In the past quarter, Night Sky Watching was organized at Himcoste (Chamba), Sarup Public School (Jalandhar), Akal Galaxy Convent School (Lohian Khas), DAV Global School (Patiala), HMV College (Jalandhar), Guru Nanak Dev Public School (Amritsar), Bodhistva Ambedkar Pub. Sr. Sec. School (Lambra), Modern New Delhi Public School (Hoshiarpur) and Nenny Penny Public School (Banga).

MOBILE SCIENCE EXHIBITION: REACHING THE UNREACHED

The second phase of Mobile Science Exhibition, an Outreach programme of Science City and DST, GoI was launched in Mid-October. The exhibition bus takes science to the doorsteps of the rural population. In the last quarter the bus visited Government schools of Jalandhar and Nawashahar District reaching out to approx. 50 K people.
### Bookings

<table>
<thead>
<tr>
<th>Ticket (In Rs.)</th>
<th>Student/Teacher/Children</th>
<th>Adult</th>
<th>Family</th>
</tr>
</thead>
<tbody>
<tr>
<td>Entry Ticket</td>
<td>85</td>
<td>135</td>
<td>390</td>
</tr>
<tr>
<td>Package Ticket (Entry to galleries, Large Format Theatre or Digital Planetarium, Laser Show, 3D Show, Climate Change Theatre)</td>
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<tr>
<td>Complete Package Ticket [Digital Planetarium or Large Format Film (Any one), Flight Simulator, Earth Quake Simulator, Laser Show, 3D Show, Climate Change Theatre, Galleries &amp; Exhibits]</td>
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<td>Complete Package Ticket &gt; 25 Group</td>
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<td>1190</td>
</tr>
</tbody>
</table>

### Bulk Discount Scheme for Schools/Institutes

- Minimum 500 students: 10% on prevailing ticket rates
- Between 501 and 1000 students: 12.5% on prevailing ticket rates
- Above 1000 students: 15% on prevailing ticket rates

For every 25 students entry of one teacher is complimentary

### Annual Membership Scheme

- Student/Teacher: Rs 500/-
- Adults: Rs 750/-
- Family (2 Adults + 2 Children (<18 yrs)): Rs 2000/-

To know about membership benefits, please contact: Dr. Munish Soin, Scientist C; M: 8146580387

### Hostel Facility for Students/Teachers

- AC accommodation for 100 students and 10 teachers is available. Separate arrangement for boys and girls.
- Stay charges: Rs 100/- per person (Food charges extra)
- For hostel booking, contact: Mrs Harsimran Arora, 8729086315, Email: harsimranarora9@gmail.com

Weather permitting Science City provides Night Sky Watching facility when clear sky offers best view of the planets. Students/Teachers: Rs 30/-, General Public: Rs 50/-, Family: Rs 150/-. For more details & reservations, please contact: Mr Akashdeep Singh, Mobile: 9855015591, Email: akashds13@gmail.com

### For Reservations, Please Contact

Mrs Harsimran Arora, Assistant Estate Manager, 8729086315, Email: harsimranarora9@gmail.com

### Business Opportunities

Register yourself as Tour Operator or Be our Sponsors!!!

For more information please contact: Sh. Sheeraj Batish, DGM (Mktg & PR) @ 9988474433, Email: sheeraj.batish@hotmail.com

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