



MESSAGE FROM THE DESK

A young mind is the sharpest mind. It learns quickly and acts quicker. The education system today focuses on books and rote-learning, but times are changing as these young geniuses, who chose to take a different path, have proved. They have picked machines over books and ideas over words. INNOVATION HUB at Pushpa Gujral Science City is a platform for these young minds to experiment and innovate, and come up with something extra ordinary.

Whereas on one hand PGSC is promoting Innovation and creativity amongst the youth, it is also striving hard to promote genetic literacy across Punjab. Science City in collaboration with NCSTC, DST, Gol and has launched a project "Women Empowerment through Genetic Literacy: An innovative intervention". The project aims at sensitizing people on genetic basis of sex determination in a child and creating awareness on genetic disorders and importance of prenatal screening. The past quarter also witnessed celebration of environmental days and events which were celebrated with full grandeur.

We are extremely delighted to share with you that once again on great public demand we are launching the highest grossing IMAX Theatre documentary film of all time, EVEREST in our Large Format Film Theatre. Our theatre wraps you in larger than life images that surround your field of view, front-to-back and top-to-bottom. EVEREST will take you across creaking icefalls and gaping chasms, up dangerous, towering cliffs, through a harrowing rescue, and into the danger zone of oxygen-thin altitude.

Dear Readers, the hands-on exhibits in our scientific galleries make science concepts easy to grasp and offer fun to explore for the whole family. Turn your visit into an all-day science adventure – visit our exhibit galleries and watch the IMAX type film and our exciting science shows. Let's dive into the depths of science!

Mohammad Tayyab
(Director General)

Coming
Soon

MacGillivray Freeman's
EVEREST

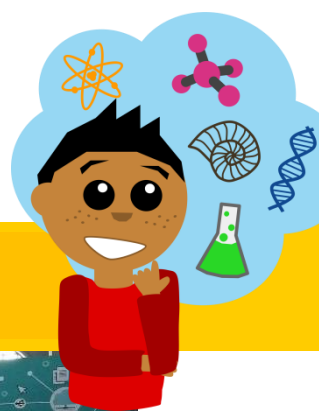
Plain and simple, *Everest* takes movie-making to new heights—in every sense of the phrase. It's not only the best IMAX film to date, it features some of the most spectacular, breathtaking photography on record. Indeed, the thrill-a-minute scenario makes *Everest* a must see for all.

New York Post

The highest grossing giant screen documentary of all time.

Everest takes audiences on an inspirational and harrowing ascent of the world's tallest mountain with a team of four international climbers who find hope, beauty, and triumph in the wake of tragedy. Audiences discover how Mt. Everest was formed, how high-altitude challenges a climber's physical and mental capabilities, and how Sherpa culture and tradition permeates the Mt. Everest experience. *Everest's* popularity and marketing strategies changed everything for the IMAX Theatre industry. The film was the first large-format film to be shown in over 90 theatres simultaneously, making industry history as the largest and fastest network-wide rollout ever for a large-format film. In December 1998, *Everest* earned the number one spot on Variety's box office grosses for "limited releases," and placed on the "Top 50 films of 1998" list by USA Today.

In the last Quarter



Activities conducted Under Innovation Hub



WORKSHOP ON BIOLOGICAL ACTIVITIES (APRIL 20, 2018)

Workshop on Biological activities was organized at GTB International School, Kapurthala. During the workshop, students were introduced with the latest projection microscope. They were guided about making temporary slides for observing magnified images under the microscope. Few activities based upon low cost teaching aids were also performed.

WORKSHOP ON 3D DESIGN & MODELLING (April 28, 2018)

Workshop on 3d design & modelling was organized at INNOVATION HUB, PGSC Kapurthala. During the workshop, latest technology of software designing and working and applications of 3 D printer were explained to the participants.

Its not just about the ideas...

Its about making them happen..

WORKSHOP ON ROBOTICS (MAY 8,2018)

One day workshop was organized at Devi Sahai S.D. Sr. Sec. School, Jalandhar under Innovation Hub. Around 30 school students participated in this workshop

WORKSHOP ON DETECTING FOOD ADULTERATION (8th MAY, 2018)

Workshop on detecting food adulteration with rapid test was organized at INNOVATION HUB. The objective of this workshop was to create awareness about the adulterants deteriorating the quality of food products. Simple & rapid tests to check the purity of the food products at home were performed.

WORKSHOP ON MICROBIOLOGY(JUNE 6,2018)

One day workshop was organized at

Innovation Hub wherein students were introduced with basic concepts of microbiology as well as various sterilization methods and culturing techniques like spreading, streaking and pour plating.

WORKSHOP ON ORIGAMI(JUNE 12,2018)

To enhance creativity, a workshop on Origami was organized at Innovation Hub. Students were introduced to origami, a Japanese art of folding paper into decorative shapes and figures.

WORKSHOP ON MAKING PAPER BAGS FROM WASTE & BEAT PLASTIC POLLUTION(JUNE 24, 2018)

In this workshop, students learnt to make paper bags from waste and used papers like old newspapers and magazines.

In the last Quarter



WORLD EARTH DAY (APRIL 22, 2018)

Pushpa Gujral Science City celebrated World Earth Day on April 22, 2018 in collaboration with Ministry of Earth Sciences, Govt. About 200 school students participated in painting competition and tree plantation on this occasion. The participants were also given demonstration on Vermicomposting, Greenhouse Technology, Drip and Pop-up irrigation system.

Winners of Painting Competition

1st Prize: Anmol, Sanskriti KMV School Jalandhar

2nd Prize: Kalpana, DAV Model High School, Kapurthala

3rd Prize: Gurpreet Kaur, SPPS Convent School, Begawal, Kapurthala

INTERNATIONAL BIODIVERSITY DAY (MAY 22, 2018)

Pushpa Gujral Science City celebrated International Biodiversity Day in collaboration with Punjab State Council for Science and Technology, Chandigarh. The objective of the celebration was to raise awareness among students and visitors about the values of natural resources in our lives and various threats to these resources as well as means of conservation. More than 200 students from different schools participated. Prof. Jagbir Singh, Department of Zoology, Punjabi University, Patiala delivered an expert lecture on the occasion.

Winners of Painting Competition

1st Prize: Ritansh Mahemi, Manav Sehyog School, Jalandhar

2nd Prize: Dilpreet Kaur, DRV DAV Centenary School, Phillaur

3rd Prize: Gurpreet Kaur, SPPS Convent School, Begawal, Kapurthala

Winners of Science Play

1st Prize: DRV DAV Centenary School, Phillaur

2nd Prize: DAV Model High School, Kpt

3rd Prize: SPPS Convent School, Begawal, Kpt

CAPACITY BUILDING WORKSHOPS ON CLIMATE CHANGE ISSUES IN PUNJAB (MAY 22 & 23, 2018)

Two workshops were organized in collaboration with Punjab State Council for Science and Technology (PSCST), Chandigarh and Department of Science and Technology, Govt. Dr. B K Tyagi, Director, Vigyan Prasar, New Delhi and Dr. RN Jindal, Director, MoEF (Ministry of Environment, Forests and Climate Change) and scientists from PSCST were the resource persons.

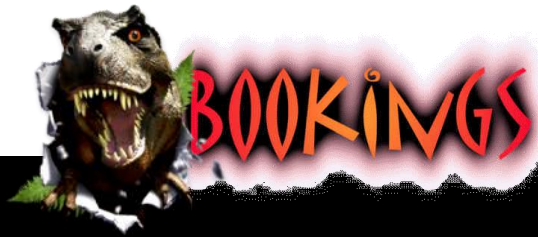
The objective of these workshops was to impart knowledge among the masses on climate change and Global Warming issues in Punjab. 30 students and five teachers participated in each workshop. The workshop also included interactive sessions involving activities based learning for the participants.

WORKSHOP ON NATIONAL MATHEMATICS DAY (JUNE 7, 2018)

The workshop was organized in collaboration with Punjab State Council for Science and Technology, Chandigarh. Sh. Nitish Kansal, the key resource person, demonstrated different methods regarding the understanding of vedic mathematics. The objective of the workshop was to make the subject of mathematics more interesting and to motivate them to take up careers in this field. The participants of workshop comprised 45 students from different schools. The workshop also included interactive sessions involving activities based learning using Mathematics tool kits.



Pics Above: 1. International Biodiversity Day 2. Capacity Building Workshop on Climate Change Issues In Punjab 3. World Earth Day 4. Workshop on Mathematics



Ticket (In Rs.)	Student/Teacher /Children	Adult	Family
Entry Ticket	50	100	250
Package Ticket (Entry to galleries, Large Format Theatre or Digital Planetarium, Laser Show, 3D Show, Climate Change Theatre)	210	300	900
Package Ticket > 25 Group	200	290	850
Complete Package Ticket [Digital Planetarium or Large Format Film (Any one), Flight Simulator, Earth Quake Simulator, Laser Show, 3D Show, Climate Change Theatre, Galleries & Exhibits]*	190	310	950
Complete Package Ticket > 25 Group	250	370	1100
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		

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;
 Phone: 01822-501963, 501964

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: 150

For more details & reservations, please contact: Mr. Akashdeep Singh; Mobile: 9855015591; E-mail: akashds13@gmail.com

FOR RESERVATIONS, PLEASE CONTACT

Mrs Harsimran Arora; Assistant Estate Manager
 Phone: 01822-501963, 501964
 Email: harsimranarora9@gmail.com

Open 365 Days a year!

The entry and package rates likely to be revised in September 2018 with the addition of Robotic Dinosaurs facility at PGSC are as follows:

Ticket (In Rs.)	Student/Teacher/Children	Adult	Family(2 adults + 2 children)
Entry Ticket	85	135	390
Package Ticket-1 (Entry to galleries, Large Format Theatre or Digital Planetarium, Laser Show, 3D Show, Climate Change Theatre)	245	335	1040
Package Ticket > 25 Group	235	325	990
Complete Package Ticket-2 [Digital Planetarium or Large Format Film (Any one), Flight Simulator, Earth Quake Simulator, Laser Show, 3D Show, Climate Change Theatre, Galleries & Exhibits]*	285	405	1240
Complete Package Ticket > 25 Group	265	385	1190

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