

# NEHRU SCIENCE CENTRE

## FACILITIES AND ACTIVITIES AT A GLANCE

### INTERACTIVE SCIENCE EXPOSITIONS

**SCIENCE PARK:** Full of interactive exhibits on principles of energy, mechanics, perception and relics from the past : railway engines, tram cars, aircraft, electric power generator in a park spread over 6 acres in green environment with over 200 species of plants and picnic area for school groups

**PERMANENT EXHIBITIONS:** The main building houses galleries full of exciting, interactive & interesting exhibits on topics also relevant to school curriculum and for knowledge of general public to enhance their understanding and make them appreciate the principles of science applicable in our day to day lives through fun & pleasure

- RECEPTION HALL
- SCIENCE FOR CHILDREN
- SOUND AND HEARING
- LIGHT & SIGHT
- HALL OF NUCLEAR POWER
- CLIMATE CHANGE
- PREHISTORIC ANIMAL LIFE
- OUR TECHNOLOGY HERITAGE
- HUMAN AND MACHINE
- HALL OF AEROSPACE
- HALL OF EVOLUTION
- MIRROR - THE REFLECTING SURFACE
- UPCOMING-HALL OF AUGMENTED REALITY & COMPUTING

### REGULAR PROGRAMMES / ACTIVITIES

#### SCIENCE ODYSSEY

The Science Odyssey facility with Spherical Projection system set up at the Centre, is the first of its kind in this region. This facility provides an opportunity to learn science in an immersive ambience. The shows are held at 11.00 am, 1.00, 2.30 and 4.30 pm.

#### 3D SCIENCE SHOW

Science shows with 3D viewing facility using Polaroid glasses conducted every half an hour.

#### SCIENCE SHOW

Exciting demonstrations on Air, Sound, Chemistry and Fun Science are organized regularly at the Centre thrice a day. Each demonstration session is held for a duration of 20 Minutes. These are held at 12.00 noon, 2.00 and 4.00 pm for general visitors.

#### SCIENCE ON A SPHERE

The Science On a Sphere provides real time atmospheric and climatic data that is projected on the 1.8 metre Spherical Earth globe. You can see oceans & continents in their actual colours, Tropical rain forests, Currents of the oceans in motion, Moon, Jupiter and Mars.

#### SCIENCE DEMONSTRATION LECTURE

Science Demonstration Lectures are organised for students and general visitors in groups on the topics like Matter at Low temperature, Sound, Air, Chemistry, Science & Miracles etc. on demand. Each lecture is of 45 minutes duration

#### I AM A MOTHER

A transparent Glass Woman enables us to understand the anatomy and functions of all the organs of human body accompanied by an animated projection. Four shows of 20 minutes each are conducted daily at 10.30 am, 12.00 noon, 2.00 and 4.00 pm.

#### SKY OBSERVATION PROGRAMME

Every Saturday & Sunday from 6.00 pm to 7.00 pm (weather permitting) Get a first hand knowledge of the night sky of Mumbai

### WATCH OUT FOR OUR SPECIAL PROGRAMMES

### GENERALIA

#### EXHIBITION HOURS

10.00 a.m. to 6.00 p.m. Open on all days (Holidays : Holi and Diwali)

#### ADMISSION

General Visitors : Rs.50/- per head and organised School Groups : Rs.20/- per head.

#### I AM A MOTHER

Rs.5/- per head for each show separately.

#### 3D SCIENCE SHOW

General Visitors : Rs.25/- per head and organised School Groups : Rs.20/- per head.

#### SCIENCE DEMONSTRATION LECTURE

Rs.10/- per head

#### SCIENCE ON A SPHERE

General Visitors : Rs.25/- per head and organised School Groups : Rs.20/- per head.

#### SCIENCE ODYSSEY

General Visitors : Rs.75/- per head and organised School Groups : Rs.50/- per head.

For details of Package Tour rates visit our website.

#### LOCATION

Dr. E. Moses Road (Between Mahalaxmi Railway Station of Western Railway and Worli Naka)

#### BY TRAIN

Nearest Railway Stations - Mahalaxmi (WR) and Byculla (CR)

#### BY BUS

Bus routes 44, 50, 57, 82, 110, 124, 154, 164, 165, 166, 168, 172, 351, 80 Ltd. and 91 Ltd.



## NEHRU SCIENCE CENTRE

(National Council of Science Museums, Ministry of Culture, Govt. of India)  
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Website: [www.nehrusciencecentre.gov.in](http://www.nehrusciencecentre.gov.in)

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## **POPULAR SCIENCE LECTURES**

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The Centre organizes Popular Science Lectures on various topics by eminent lecturers throughout the year. Schools interested in attending such lectures may send their email ID to [education@nehrusciencecentre.gov.in](mailto:education@nehrusciencecentre.gov.in), [nehrusciencecentre@gmail.com](mailto:nehrusciencecentre@gmail.com) so that they may be informed about the lectures being conducted at the Centre.

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## **CREATIVE SCIENCE WORKSHOPS**

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Workshops are held during Summer/Diwali vacations in the disciplines of Science, Electronics, Robotics Art & Craft, Clay Modeling, Aeromodelling, Model Rocketry and Telescope Making for secondary students & Science Sparkle for Kids. Hand-on fun-filled activities generally not found in school curriculum are formulated for the students to carry out.

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## **TEACHERS' TRAINING PROGRAMME**

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Six days training programme for teachers & trainee teachers, on use of different tools, fabricating simple teaching aids for classroom teaching, handling audio-visual equipments & basic ideas to organise science clubs etc., is organised every year for a batch of 25 teachers. Four programmes are conducted every year.

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## **INNOVATION HUB**

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To engage the youth in creative hobbies & activities in science & technology and to support innovative ideas and build them to come to fruition, a new facility Innovation Hub has been set up for the students to work on own projects/ fabrication of science kits/experiments/science & technological activities with their Innovative ideas. Facilities of Innovation Hub will be available only for student members of Nehru Science Centre, Mumbai. For details please contact us at 2492 0482 or 2493 2667.

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## **COMMEMORATIVE EVENTS**

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National Science Day, World Environment Day, International Museum Day, World Science Day etc. are celebrated by organising a variety of contests and activities to create scientific awareness. Attractive prizes are awarded to the winner. Circulars are sent to schools from time to time.

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## **WESTERN INDIA SCIENCE FAIR**

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The investigatory & innovative science project and teaching aids competitions for students and teachers respectively on different scientific themes are organised by the Education Departments of Eight States/UTs of Western India. The winners of State/UT level competition participate in the Western India Science Fair organised in the Centre every year in December. For further details and participation contact Director, State Institute of Science Education, Ravinagar, Nagpur.

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## **SYMPOSIA/CONFERENCES/SEMINARS**

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The symposia/conferences/seminars are organised on the topics related to science & technology for teachers and professionals in the field of science education. Circulars are sent to schools from time to time.

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## **MOBILE SCIENCE EXHIBITION**

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For rural areas only. 20 exhibits mounted on a bus tour the pre-scheduled sites. Theme available is 'Astronomy & Space'. Science demonstrations and film shows are also arranged during the programme.

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## **SCIENCE DRAMA COMPETITION**

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Drama can be a strong media for science communication. This is held at State/UT level / Zonal level and finally at National level. Contact respective State organising agencies. For details regarding western zonal contest please contact us at 2492 0482 or 2493 2667.

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## **SCI-BIRTH DAY**

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Parents can celebrate their kid's birthday at the centre & enjoy various facilities. For booking please contact us at 2492 0482 or 2493 2667.

Please visit our website at [www.nehrusciencecentre.gov.in](http://www.nehrusciencecentre.gov.in) for updates.