

# N E VIGYAN BATORI



A Newsletter from  
**Regional Science Centre**  
 (National Council of Science Museums)  
 Ministry of Culture, Govt. of India  
 Guwahati- 781022



Regional Science Centre, Guwahati celebrated the International Day of Yoga on June 21, 2019 with various activities conducted for students and general public. The programme started with yoga practice by Official staff, students & others.

## INTERNATIONAL YOGA DAY



Thereafter, a popular talk was delivered by Mrs. Bharti Nandi of Vivekananda Kendra, Institute of Culture, Guwahati before a large number of students and others. The other programme conducted during the day were Art & Quiz competition, Film shows, etc.

Top- Officials of RSC Guwahati taking part in Yoga exercise

Bottom left- Students from local schools taking part in Yoga exercise.

Bottom middle- Mrs. Bharti Nandi delivering talk on Yoga and its importance

Bottom right- Children taking part in Art competition on yoga



# NE Zonal Workshop

A workshop on Robotic Activity was organised at Innovation Hub in RSC, Guwahati from 24th to 28th June 2019. Mentors and other technical and educational staff from all Innovation Hubs, running at Science Centres in all over north eastern states took part in the workshop. Participants from state Assam, Arunachal, Manipur, Meghalaya, Mizoram, Nagaland and Tripura were present in the workshop. Innovation Hub is a section of Science Centre which provides a platform for the young students to engage in innovative and creative activities.



Top- Participants testing their robot

Left- Participants assembling their robot

Right- Participants testing their line following robot



Left- Participants testing their robot

Right- Participants assembling their robot

Bottom- Mentors and others participating in the robotic workshop



During the workshop, participants were given exposure to use of Lego EV3 kits and its programming. They were also trained in making robots with hands-on-activities with Lego and Arduino kits. Basically it was a training programme for the Mentors and others who are engaged in conducting Robotic Activities in their respective Innovation Hubs. Shri Achintya Saha, CEO of Technomate Edubotics Pvt. Ltd. Guwahati was present as the resource person and conducted the workshop. The Workshop ended on 28th June with distribution of certificates to all.

# Activities for Underprivileged Children

Regional Science Centre, Guwahati is taking a special drive to provide free visit to the Science Centre to underprivileged children. The Centre also provides their transportation facility from their schools to the Centre and back. Besides the normal visiting the galleries, some special science shows are also conducted for these children.



During their visit, scientific gift items are also distributed to all the visiting children as a memento for encouraging them to understand the science through hands-on-activities.

Around 3000 children along with their teachers visited the Centre under this scheme during the period April-June, 2019.



Underprivileged children are visiting the gallery

Children are picked up by bus from their school.

Scientific gift are being distributed among the children



Underprivileged children watching the Science show

## Swachhta Pakhwada

Regional Science Centre, Guwahati observed the Swachhta Pakhwada under Swachh Bharat Mission during April 16-30, 2019 in its premises with varieties activities. On first day, all staff members of the Centre and roadside Vendors took Oath on cleanliness. Doctor Jutika Ojah, Community Medicine, Gauhati Medical College delivered a popular talk on Health & Hygiene on this special occasion.

As an awareness programme on swachhta, a Puppet show by Mrs. Mira Sarma, Director, Arnab Puppet Group, Guwahati was also conducted before the students and general public.



Children participating in Art competition

Doctor Jutika Ojah delivering popular talk before the student groups



Beside these programmes, Art competition, Essay writing competition, Film shows, Open house Quiz competition were also conducted among the children.

## Celebration of World Health Day



Dr. Rubi Kataki, department of Conservative Dentistry and Endodontics of Regional Dental College, Guwahati graced the occasion with a Popular Talk before a large number of Students and others.

Children taking part in Art competition ➤

Regional Science Centre, Guwahati celebrated the World Health Day on 7<sup>th</sup> April, 2019 in its premises with activities conducted for students and general visitors. The celebration programme started with Art competition for children in the morning.

◀ Dr. Rubi Kataki delivering popular talk before the audience



## Celebration of World Environment Day

Regional Science Centre, Guwahati celebrated the World Environment Day on 5<sup>th</sup> and 6<sup>th</sup> June, 2019 in its premises with varieties of participatory activities involving students, teachers and general visitors. The theme for 2019 is "Beat Air Pollution". The celebration programme started with Art competition for children in three different groups.



▲ A student delivering a speech on environment before the audience



▲ Dr. Purnima Devi Barman delivering speech on Environment

Thereafter, a live demonstration on butterfly and common Insects was conducted before a large number of students. As a part of the celebration, a popular talk was delivered by Dr. Purnima Devi Barman-Green Oscars Award Winner, 2017 and Wildlife Biologist. Thereafter, a Nature Game cum specimen identification Game was conducted among the children. The celebration programme ended with Open house Quiz competition.

▼ Schools' Children participating in Art competition



▼ Students and Teachers taking oath on protection of Environment



# Innovation Hub

The Innovation Hub running at the Centre provides all basic facilities to its members in making their innovative ideas in to a tangible form. The education staff and the two Mentors looking after the Hub always trying to guide the students and extend all possible supports to solve any type of problem during their projects.



A Member busy in making his project



A Member busy in making his project



Members busy in making their project



Mentors demonstrating projects before the student groups in Innovation Hub



Members busy in making their project

A Mentor demonstrating a project before the participants of OCSC of Astronomy Olympiad (junior)



Participants of OCSC watching a demonstration on a science project during their visit to Innovation Hub



Members busy in making their project



An Education staff giving a motivation talk to the student groups in the Innovation Hub



Members busy in making their project



Members busy in making their project

During the quarter, the student members of Innovation Hub completed the following projects by using scraps and low cost materials.

- i) Mosquito trapper, ii) Creative drawer,
- iii) Air Cooler, iv) Testing a Wick Irrigation System
- v) Water filtration, and vi) Self-Design Locker



Members busy in making their project

# ASTRONOMY OLYMPIAD

RSC, Guwahati organized the Orientation cum Selection Camp(OCSC) for XXIV International Astronomy Olympiad (junior) from 2<sup>nd</sup> to 17<sup>th</sup> May, 2019 in its premises.

The International Astronomy Olympiad is an annual topmost global scientific (astronomy) knowledge gauging Olympiad for high school students, which emphasizes the role of astronomy and scientific knowledge in educational process.

During the OCSC, all participants were given extensive training for enriching their knowledge both in theory and practical in astronomy. At the end, 3 students have been selected through a series of theory and practical examination. These students will represent India in the International Astronomy Olympiad to be held in Romania from 19<sup>th</sup> to 27<sup>th</sup> October 2019.

Dr Sanjeev Kalita, Dept. of Physics, Gauhati University, taking theory classes during OCSC.



Dr Biman Medhi, Dept. of Physics, Gauhati University, taking theory classes during OCSC.

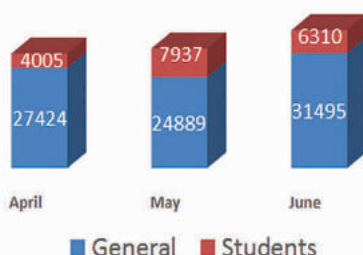


Shri Debasish Sarkar, SWAN, North Bengal giving practical knowledge on operation of Telescope during OCSC.



## GENERAL INFORMATION

Visitors Footfall at the Centre during April-June, 2019



Planetarium Shows	= 114 nos.
Supercold Shows	= 137 nos.
3- D Show	= 378 nos.

### Activities during April-June, 2019

Projects in Innovation Hub	= 6 nos.
Mobile Science Exhibition	= 15 nos.
Development of new Exhibits	= 04 nos.

## Special Shows Time

### Science on a Sphere Show

11, 12, 1, 2, 3, 4 & 5 pm

### Planetarium Show

12.00 & 4.30 pm

### 3-D Film Show

10.30, 12.30, 2.30 & 5.30 pm

### Super Cold Show

(a show on Liquid Nitrogen)

11.30 & 3.30 pm

### Mock-up Coal Mine Gallery

11, 12, 2, 3, 4, 5 pm

Regional Science Centre, Guwahati remains open for visitors from 9-30am to 6-00pm everyday, except on 'Holi' and 'Diwali'. Entry fee per head as below:

General Visitor	: ₹ 30/-
25 or more in group	: ₹ 25/-
Organised Private School	: ₹ 15/-
Organised Govt. School	: ₹ 10/-

## Shows Ticket

### Science on a Sphere Show

General Visitor : ₹ 30/-

School Group : ₹ 20/-

### 3-D Film Show

General Visitor : ₹ 25/-

Private School Group : ₹ 15/-

Govt. School Group : ₹ 10/-

### Planetarium Show

General Visitor : ₹ 20/-

Private School Group : ₹ 10/-

Govt. School Group : ₹ 5/-

### Super Cold Show/ Coal Mine

General : ₹ 10/-

School Group : ₹ 5/-

## Facilities

- Making projects in Innovation Hub under guidance
- Guided Tour to Galleries on request
- Science Demonstration Lecture on request
- Car Parking; Picnic Area; Cafeteria
- Conference and Auditorium Hall on rent

## For any query please contact:

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