

**Goa Science Centre & Planetarium
Miramar, Panaji, Goa.**

Events organized during the month of February 2024

1. Science Film Festival of India 2024

The Centre participated in the 9th edition of Science Film Festival of India organised by Vidnyan Parishad, Goa from 31.01.2024 to 02.02.2024 in ESG complex, Campal Goa. The programs organised during the three days is as follows:

- **Participation in the science Expo:**

The Centre participated in the science expo and exhibited table top exhibits explaining various science concepts. Science experiments on Air pressure and Vacuum, sound etc. were also demonstrated to the visitors. In total around 7032 students, teachers and general public visited the expo.

- **Science demonstration:**

As a part of Students Science village a science demonstration in physics was conducted for the students from rural areas of Goa. A Science activity on Sound was also carried out on this occasion. In total around 125 students & teachers participated.

2. International Film Festival

The centre in collaboration with International Film Festival Worldwide Cell screened an award winning Environmental documentary film on 05.02.2024 from 10.00am to 12.00noon followed by an interaction session with the team. Total students 163 attended the program.

3. Education Expo 2024

The Centre participated in Education Expo 2024 where talents meets opportunities organized by Rotaract Club of Mapusa at peddem indoor stadium mapusa from 14th to 17th February 2024. The expo offered students and their parents the opportunity to plan their future and interact with various avenues of career and further education. Around 6352 students, teachers, parents visited the exhibition of table top exhibits explaining various science concepts.

4. Science Fiesta 2024

Goa Science Centre celebrated the National Science Day by organizing a Grand Festival of Science called Science Fiesta 2024 from 26.02.2024 to 28.02.2024. The Science Fiesta was inaugurated by Shri Levinson J Martins, Director, Department of Science, Technology & Waste Management, Govt. of Goa and Shri Umesh Kumar Rustagi, Director, Nehru Science Centre, Mumbai. Various scientific research institutions participated in the program by displaying their research work during all three days.

Details of various programs organized during all four days as follows:

25.02.2024

Demonstration and Interactive session on Development of Go-Kart for Racing

Events: The session was conducted by Shri Saish N. Rivankar, Assistant Professor, Department of Mechanical & Automation Engineering, Agnel Institute of Technology & Design. Total 178 students, teachers and general public attended the lecture.

Solar Astronomy Workshop: The workshop was conducted by Shri Satish Nayak, President of Association of Friends of Astronomy followed by sunspot observation through telescope. Total 34 students attended the workshop.

Drone Demonstration by Team Phoenix: The interactive demonstration was conducted by the Team Phoenix in which beginners guide to fly drones was highlighted. Total 189 students, teachers and general public attended the session.

Shell Craft Making Workshop: The workshop was organized for the teachers and housewives in which the participants gave their creative inputs into seashell crafting. Total 11 participated in the workshop.

Liquid Nitrogen Show: The liquid nitrogen show was conducted by the centre in which total 216 students, teachers and general public enjoyed the show.

Demonstration on Robotics: The demonstration on robotics was conducted by the Saraswat Tech Infinity in which they highlighted about Robotics with live demonstration. Total 146 students, teachers and general public attended the demonstration.

Astronomy Slide Show: The slide show on topic Joy of Astronomy was conducted by the team of Association of Friends of Astronomy which was followed by sky observation program. Total 79 students, teachers and general public were present.

Reel Making Competition: The competition was made open for the public where they have made the short reel on theme Science & Society and were uploaded on centre instagram page.

27.02.2024

Dr. APJ Kalam Memorial Astronomy Seminar: Dr. APJ Kalam Memorial Astronomy Seminar was organized for 6 selected schools wherein they have presented the seminar on different astronomy related topic. Total 163 audiences were present for the seminar.

Meet the Scientist: The popular science lecture on topic 'Achievement by ISRO' was delivered by Dr Jaya Saxena from National Remote Sensing Centre, ISRO. Total 169 students attended the lecture.

Meet the Scientist: The popular science lecture on topic 'Intellectual Property Rights' was delivered by Dr Ashutosh Saxena, professor & Dean R&D, CMR Technical Campus, Hyderabad. Total 169 students attended the lecture.

Hand Painting Competition: The competition was organized for the students of class Vth to Xth standard on theme wildlife. Total 80 students participated in the competition.

Clay Modeling Workshop: The workshop was organized by the artist from bal bhawan in which he showed simple technique to make clay models and advance the ability to create visual form in model. Total 22 students participated in the workshop.

Fancy Dress Competition: The fancy dress competition was organized for the students of class Ist to IVth standard on theme I am Scientist. Total 65 students participated in the program.

Water Rocket Workshop: The water rocket workshop was organized for the students of class VIIIth to Xth standard in which 12 students made the water rocket and later launched.

Demonstration on Fingerprinting & Forensic Science: The session was conducted by the officials from Goa State Forensic Science Laboratory, Verna in which 167 students, teachers and general public attended the session.

Science Demonstration Lecture on Atmospheric Pressure & Vacuum: The Science Demonstration on Atmospheric Pressure and Vacuum was organized by the centre in which total 187 students, teachers and general public witness the demonstration.

Astronomy Slide Show: The slide show on topic Era of Astronomy was conducted by the team of Association of Friends of Astronomy which was followed by sky observation program. Total 36 students, teachers and general public were present.

28.02.2024

Meet the Scientist: The popular science lecture on topic 'How climate change affecting the world ocean' was delivered by Dr Suhas Shetye, Senior Scientist, National Institute of Oceanography. Total 179 students attended the lecture.

Meet the Scientist: The popular science lecture on topic 'Vector Borne Disease: Prevention & Control' was delivered by Dr Nadini Korgaonkar, State Entomologist, NVBDCP, Directorate of Health Services. Total 186 students attended the lecture.

Space Quiz: The Space Quiz was conducted by Association of Friends of Astronomy in which 64 students participated.

Science Rangoli Making Competition: The competition was organized for the students of class Vth to VIIth standard in which 16 students participated.

Dry Ice Show: Nature Walk: The show was conducted by the centre in which total 203 students, teachers and general public enjoyed the show.

Workshop on Food Adulteration: The workshop was organized for the teachers and housewives in which 10 participated.

Sir C V Raman Memorial Lecture: The lecture was delivered by Dr Ramesh Kumar, Rtd. Senior Scientist from NIO which was followed by valedictory and prize distribution function where Dr N. P. Waghmare, Director of Goa State Forensic Science Laboratory gave away the prizes. Total 143 students, teachers and general public attended the program.

5. **Mobile Science Exhibition**

The Centre organized Mobile Science Exhibition in Ratnagiri District of Maharashtra wherein the bus visited 5 schools in the month of February and total 41330 students, teachers and general public witness the exhibition, Various other interactive educational programs such as sky observation, science demonstration were also organized during the program.

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