

**Goa Science Centre  
Miramar, Panaji, Goa**

# SCIENCE FIESTA 2023

*From 25<sup>th</sup> to 28<sup>th</sup> February 2023, 10.00 am to 07.00 pm*

Time	Event	Details of the event	Venue
<b>25<sup>th</sup> February 2023</b>			
10:00am	Inauguration function of Science Fiesta 2023		Auditorium
11.30am to 12.30pm	Meet the Scientist By Nuclear Power Corporation of India Ltd.	<ul style="list-style-type: none"> <li>• Topic:Nuclear Power - Clean, Green and Safe</li> <li>• For students of class Vth to Xth</li> <li>• Each school may send 30 students</li> <li>• Maximum Entries : 140 Nos</li> </ul>	Auditorium
11.30am to 12.30pm	AstroBiology Workshop by Shri Satish Nayak, President, Association of Friends of Astronomy.	<ul style="list-style-type: none"> <li>• For students of class VIIth to Xth</li> <li>• Each school may send 5 students</li> <li>• Maximum Entries : 50 Nos</li> </ul>	Innovation Hub Hall
2.30pm to 3.30pm	Science Demonstration on Vacuum & Atmospheric Pressure	<ul style="list-style-type: none"> <li>• Exciting demonstration showing the effects of air pressure on objects &amp; vacuum principles.</li> <li>• Open for All</li> </ul>	Auditorium
3.30pm to 4.30pm	Foldoscope Making Activity by Dr. Anupama Harshal, Indian Institute of Science Education & Research, Pune	<ul style="list-style-type: none"> <li>• Students will learn to make an optical microscope which will be assembled using paper and lens.</li> <li>• For the students of class VIIIth to Xth</li> <li>• Each school may send two students</li> <li>• Maximum entries: 20Nos</li> </ul>	Innovation Hub Hall
3.30pm to 5.00pm	Demonstration on FTC Robotics by Team LEGO Goa AXIOM	<ul style="list-style-type: none"> <li>• Open for all</li> <li>• Each school may send 30 students</li> <li>• Maximum Entries : 140 Nos</li> </ul>	Auditorium
5.00pm to 6.00pm	Demonstration on Fibre Optics By Dura-Line India Pvt. Ltd.	<ul style="list-style-type: none"> <li>• Open for all</li> <li>• Each school may send 30 students</li> <li>• Maximum Entries : 140 Nos</li> </ul>	Auditorium
6.00pm onwards	Astronomy Slide Show followed by Sky Observation Programme by Association of Friends of Astronomy	<ul style="list-style-type: none"> <li>• Open for All</li> <li>• Each school may send 30 students</li> <li>• Maximum Entries : 140 Nos</li> </ul>	Auditorium
<b>26<sup>th</sup> February 2023</b>			
10.00am to 1.00pm	Astronomy Seminar by AFA	<ul style="list-style-type: none"> <li>• For students of class VIIIth to Xth</li> <li>• Selected schools will present ppt on astronomy related topic.</li> </ul>	Auditorium
10.00am to 12.00N	Foldoscope Making Activity by Dr. Anupama Harshal, Indian Institute of Science Education & Research, Pune	<ul style="list-style-type: none"> <li>• Students will learn to make an optical microscope which will be assembled using paper and lens.</li> <li>• For the Innovation Hub and Goa Science Centre members</li> </ul>	Innovation Hub Hall
2.00pm to	Fancy Dress Competition	<ul style="list-style-type: none"> <li>• For students of class Ist to IVth</li> <li>• Each school may send 2 students (Individual Participation)</li> <li>• Judging will be on the Costume and</li> </ul>	Auditorium

4.00pm		<p>Makeup, Expressions and Gestures, Novelty and Overall Effectiveness.</p> <ul style="list-style-type: none"> <li>• Maximum Entries : 50 Nos</li> <li>• Each student will be given 1 minute to perform</li> <li>• Dress Code: Recyclable Material</li> </ul>	
2.00pm to 4.30pm	Water Rocket Workshop by GSCP	<ul style="list-style-type: none"> <li>• For students of class VIIIth to Xth</li> <li>• Each school may send 2 groups ( 2 students in each group)</li> <li>• Each group has to get two similar empty 1.25 litre plastic soft drink bottles only (having shape similar to Kinley Soda, Pepsi, Mirinda etc.), cutters, scissors.</li> <li>• The water rocket will be fabricated and launched</li> <li>• Maximum Entries : 20Nos</li> </ul>	Innovation Hub Hall
4.00pm to 4.30pm	Nature Walk by Aranya Environment Research Organisation	Open for all	Science Park
4.30pm to 5.30pm	Liquid Nitrogen Show by GSCP	<ul style="list-style-type: none"> <li>• A fun and explosive show based upon the science of the Super cooled liquid nitrogen</li> <li>• Open for All</li> <li>• Each school may send 30 students</li> <li>• Maximum Entries : 140 Nos</li> </ul>	Auditorium
5.30pm to 7.00pm	Astronomy Slide Show followed by Sky Observation Programme	<ul style="list-style-type: none"> <li>• Open for all</li> <li>• Each school may send 30 students</li> <li>• Maximum Entries : 140 Nos</li> </ul>	Auditorium
<b>27<sup>th</sup> February 2023</b>			
10.00am to 11.30am	Final round of Earth Hour State Level Quiz by WWF-India	<ul style="list-style-type: none"> <li>• Selected 4 teams from written Elimination round will compete during Final round of the Quiz.</li> </ul>	Auditorium
11.30am to 12.30noon	Meet the Scientist By Nuclear Power Corporation of India Ltd	<ul style="list-style-type: none"> <li>• Topic: Environmental Aspects of Nuclear Power</li> <li>• For students of class Vth to Xth</li> <li>• Each school may send 30 students</li> <li>Maximum Entries : 140 Nos</li> </ul>	Auditorium
12.30pm to 1.00pm	Nuclear Quiz By Nuclear Power Corporation of India Ltd	<ul style="list-style-type: none"> <li>• Written Quiz</li> <li>• For students of class VIIIth to Xth</li> <li>• Each school may send 5 students (Individual Participation).</li> <li>• Students will have to attend the NPCIL lecture.</li> </ul>	Auditorium
10.00am to 1.00pm	Innovate with Paper Craft Contest	<ul style="list-style-type: none"> <li>• For students of class Vth to VIIth</li> <li>• Each school may send 2 students (Individual Participation).</li> <li>• Materials required to make the Paper Craft needs to be brought by the students.</li> <li>• Maximum Entries : 30 Nos</li> </ul>	Innovation Hub Hall

2.30pm to 3.30pm	Workshop on <b>Vermicomposting &amp; Jeevamrut</b> by Shri Rahul Kulkarni from ICAR -Krishi Vigyan Kendra	<ul style="list-style-type: none"> <li>Open for All (Students, Teachers &amp; General Public)</li> </ul>	Auditorium
3.30pm to 4.30pm	Demonstration on Fingerprinting & Forensic Science by Goa State Forensic Science Laboratory	<ul style="list-style-type: none"> <li>Open for all</li> <li>Each school may send 30 students</li> <li>Maximum Entries : 140 Nos</li> </ul>	Auditorium
4.30pm to 6.00pm	Demonstration on Fire by Directorate of Fire and Emergency Services	<ul style="list-style-type: none"> <li>Open for All</li> </ul>	Auditorium
6.00pm to 7.00pm	Astronomy Slide Show followed by Sky Observation Programme	<ul style="list-style-type: none"> <li>Open for all</li> <li>Each school may send 30 students</li> <li>Maximum Entries : 140 Nos</li> </ul>	Auditorium
<b>28<sup>th</sup> February 2023</b>			
10.00am to 11.00am	Meet the Scientist By Mr Shayeesh Pirankar, Aranya Environment Research Organisation	<ul style="list-style-type: none"> <li>Topic: The Science behind Goa's Traditional Knowledge</li> <li>For students of class Vth to Xth</li> <li>Each school may send 30 students</li> <li>Maximum Entries : 140 Nos</li> </ul>	Auditorium
11.00am to 12.00N	Meet the Scientist By National Institute of Oceanography	<ul style="list-style-type: none"> <li>For students of class Vth to Xth</li> <li>Each school may send 30 students</li> <li>Maximum Entries : 140 Nos</li> </ul>	Auditorium
12.00Noo n to 1.00pm	Meet the Scientist Dr. Bishnupriya Mohanty, Gomantak Ayurvedic Mahavidyalaya & Research Centre	<ul style="list-style-type: none"> <li>Topic: Unlocking Science for Health</li> <li>For students of class Vth to Xth</li> <li>Each school may send 30 students</li> <li>Maximum Entries : 140 Nos</li> </ul>	Auditorium
10.00am to 1.00pm	Face Painting Competition	<ul style="list-style-type: none"> <li>For students of class VIIIth to Xth</li> <li>Each School may send a team of two students (Painter and the Face)</li> <li>Prize will be awarded to the painter along with certificate and only the participatory certificate to the face.</li> <li><i>Materials required for face painting needs to be brought by the students.</i></li> <li>Maximum Entries : 50 Nos</li> <li><b>Theme: An Alien</b></li> </ul>	Innovation Hub Hall
2.30pm to 3.30pm	Dry Ice show by GSCP	<ul style="list-style-type: none"> <li>Experience the thrill of cold snow like dry ice</li> <li>Open for all</li> <li>Each school may send 30 students</li> <li>Maximum Entries : 140 Nos</li> </ul>	Auditorium
3.30pm to 4.30pm	Sir C. V Raman Memorial lecture	<ul style="list-style-type: none"> <li>Open to all</li> <li>Each school may send 30 students</li> <li>Maximum Entries : 100 Nos</li> </ul>	Auditorium
4.30pm to 5.30 pm	Valedictory & Prize Distribution function	<ul style="list-style-type: none"> <li>Open to all</li> </ul>	Auditorium

*To participate in the above programs, send email to*  
**[gsconlineactivities@gmail.com](mailto:gsconlineactivities@gmail.com) on or before 24.02.2023**  
**before 12.00noon**