



GOA SCIENCE CENTRE & PLANETARIUM

(National Council of Science Museums)

Ministry of Culture, Govt. of India

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No. GSCP/16075/5/2018/

4th February, 2018

From : Project Co-ordinator

To
The Principal

Subject: Participation in Science Fiesta-2018

Dear Sir/Madam,

Goa Science Centre with the support of Department of Science, Technology & Environment, Govt. of Goa organizes a festival of Science called Science Fiesta every year to commemorate the National Science Day. This is an effort to bring the excitement of science to common people and students and also an opportunity to know about various research institutes and their activities and have live interaction with practicing scientists. Pioneering Scientific/ Research organizations/ Institutes in Goa and other places of India showcase cutting edge research developments taking place in their organizations/ Institutes through an exhibition. Science Fiesta is a common platform for all institutions to portray their efforts in development of the nation and bring their research & scientists closer to the public. This is an effort to impress upon the minds of our young students that they can also contribute significantly to the nation by following the examples of our great scientists.

This year Science Fiesta will be organised from **26th to 28th February 2018**. The Science Fiesta will be inaugurated on 26th February 2018. Everyday apart from the exhibition various other programs such as Meet the Scientist, Exciting Demonstrations, Workshops, Astronomy Slide Show Presentation, Sky Observations, Competitions, Quiz, Cultural programs and etc. will be organised for the students, teachers, housewives and general public. The details of the program are as follows:

Date	Time	Programme Details	Venue
MEET THE SCIENTIST Interact with the leading scientists in the field of Science & Technology			
26/02/2018	11.00am to 12.00noon	Himalayan & Arctic Glacier response to Climate Change during 21st Century by Dr. Paramanand Sharma, National Centre for Antarctic & Ocean Research <ul style="list-style-type: none"> For students of class Vth to Xth Each school may send 10 students Maximum Entries : 100 Nos 	GSCP-Auditorium
	12.00noon to 1.00pm	A Popular Science Lecture on Oceanic Science by a Scientist from National Institute of Oceanography <ul style="list-style-type: none"> For students of class Vth to Xth Each school may send 10 students Maximum Entries : 100 Nos 	GSCP-Auditorium
27/02/2018	10.00am to 11.00am	Science in Field (Southern Ocean Expedition) by Shri Rakesh Rao <ul style="list-style-type: none"> For students of class Vth to Xth Each school may send 10 students Maximum Entries : 100 Nos 	GSCP-Auditorium
28/02/2018	10.00am to 11.00am	Adventures of Polar Regions by Dr. Swati Nagar, National Centre for Antarctic & Ocean Research <ul style="list-style-type: none"> For students of class Vth to Xth Each school may send 10 students Maximum Entries : 100 Nos 	GSCP-Auditorium
	11.00am to 12.00noon	Nuclear Plants and Radiations by Shri Sudesh Sharma, Nuclear Power Corporation of India Ltd. <ul style="list-style-type: none"> For students of class Vth to Xth Each school may send 10 students Maximum Entries : 100 Nos 	GSCP-Auditorium

QUIZ			
27/02/2018	11.00am to 12.00noon	Science Quiz by NIO <ul style="list-style-type: none"> For students of class VIIIth to Xth Each school may send 2 students (Individual Participation) 	GSCP-Auditorium
	12.00noon To 1.00pm	Astronomy Quiz by AFA <ul style="list-style-type: none"> For students of class Vth to Xth Each school may send 2 students (Individual Participation) 	GSCP-Auditorium
28/02/2018	12.00noon To 1.00pm	Nuclear Quiz by NPCIL & Energy Conservation Quiz PCRA <ul style="list-style-type: none"> For students of class VIIIth to Xth Each school may send 2 students (Individual Participation) 	GSCP-Auditorium

COMPETITIONS

26/02/2018	11.00am to 1.00pm	<p>Making of Science Learning Kit using Waste Materials</p> <ul style="list-style-type: none"> For students of class VIIIth to Xth Each school may send 2 students (Individual Participation) Each student should make a Scientific Kit using waste materials. Materials required to make the scientific Kit needs to be brought by the students. 5 attractive prizes 	GSCP- Innovation Hub
	2.00pm to 4.00pm	<p>Fancy Dress Competition</p> <ul style="list-style-type: none"> For students of class Ist to IVth Each school may send 2 students (Individual Participation) Judging will be on the Costume and Makeup, Expressions and Gestures, Novelty and Overall Effectiveness. Maximum Entries : 50 Nos Dress Code Recyclable Material 5 attractive prizes 	GSCP- Auditorium
27/02/2018	10.00am to 12.00noon	<p>Face Painting Competition</p> <ul style="list-style-type: none"> For students of class Vth to Xth Each School may send 2 teams of two students in each team (Painter and the Face) Prize will be awarded to the painter along with certificate and only the participatory certificate to face. Materials required for face painting needs to be brought by the students. Maximum Entries : 50 Nos Theme: An Animal 5 attractive prizes 	GSCP- Innovation Hub
	10.00am to 12.00noon	<p>Scientist Portrait using Rangoli</p> <ul style="list-style-type: none"> For students of class VIIIth to Xth Each school may send 2 students (Individual Participation) Materials required for the portrait needs to be brought by the students. Use of paint, sketch pen, crayons, pencil colours is strictly prohibited Dimension: 1m X 1m Maximum Entries : 50 Nos 5 attractive prizes 	GSCP-Main Building Entrance
	2.00pm to 4.00pm	<p>Elocution Competition</p> <ul style="list-style-type: none"> For students of class Vth to VIIIth Each school may send 2 students (Individual Participation) Maximum time limit 3minutes Deliver speech only in English The speech should be memorized and not read from any paper, note etc. Maximum Entries : 40 Nos Topic: Advantages of Digital India 5 attractive prizes 	GSCP- Auditorium

WORKSHOPS

26/02/2018	2.00pm to 4.00pm	<p>Water Rocket Workshop by GSCP</p> <ul style="list-style-type: none"> For students of class VIIIth to Xth Each school may send 4 students (Group Participation, 2 in each group) Each student has to get two similar empty 1.25 litre plastic bottles (Preferably Kinley Soda), cutters, scissors. Maximum Entries : 20Nos 	GSCP- Innovation Hub
27/02/2018	10.00am to 12.00noon	<p>Workshop on Mobile App Making by Shri Pajyot Mainkar, Androcid Media Pvt. Ltd</p> <ul style="list-style-type: none"> For students of class VIIIth to Xth Each school may send 2 students (Individual Participation) The student has to bring their own laptop and Android Smartphone with Charging cord The student can also bring their own dongle. Prior registration is required For registration contact 0832-2463426 Maximum Entries : 15 Nos 	GSCP- Conference Room
27/02/2018	2.00pm to 4.00pm	<p>Workshop on Growing Vegetables in Home Gardens, Balconies, Terraces or in Pots</p> <ul style="list-style-type: none"> Open for all Resource Person: Shri Minguel Braganza, Additional Director, Organic Farming Association of India 	GSCP- Innovation Hub
28/02/2018	10.00am to 12.00noon	<p>Paper Quilling Workshop by Smt. Geetha Kamath</p> <ul style="list-style-type: none"> For students of Class Vth to Xth Each school may send 2 students (Individual Participation) All the materials required for the workshop will be provided Maximum Entries : 20 Nos 	GSCP- Innovation Hub

26/02/2018 TO 28/02/2018	10.00am to 1.00pm	<p>Workshop on making Windmills by The Pomegranate</p> <p>This windmill-making workshop shall guide participant about the basics of designing a windmill - the countervailing forces, the efficiency considerations, sturdiness and balance.</p> <ul style="list-style-type: none"> • For students of Age 14- 19 Years • Each school may send 2 students (Individual Participation) • Prior Registration is required • For registration contact 0832-2463426 • Maximum Entries : 20 Nos 	GSCP- Activity Hall
26/02/2018 To 27/02/2018	2.00pm to 4.00pm	<p>Workshop on making Vibrobots by The Pomegranate</p> <p>In this workshop participants learn the basics of electronics and the concepts of force and friction to create movement.</p> <ul style="list-style-type: none"> • For students of Age 10- 14 Years • Each school may send 2 students (Individual Participation) • Prior Registration is required • For registration contact 0832-2463426 • Maximum Entries : 20 Nos 	GSCP- Activity Hall

DEMONSTRATION

26/02/2018	4.15pm To 5.15pm	<p>Demonstration on Basic Fire Safety by Directorate of Fire & Emergency Services</p> <ul style="list-style-type: none"> • Open for all 	GSCP- Auditorium & Parking area
27/02/2018	4.15pm To 5.15pm	<p>Dry Ice show by GSCP</p> <ul style="list-style-type: none"> • Open for all 	GSCP- Auditorium
28/02/2018	2.00pm To 3.00pm	<p>Demonstration on Fingerprinting & Forensic Science by Goa State Forensic Science Laboratory</p> <ul style="list-style-type: none"> • Open for all 	GSCP- Auditorium

ASTRONOMY SLIDE SHOW PRESENTATION

26/02/2018	5.45 pm to 6.45pm	<p>Slide Show presentation on Astroproject by Shri Rakesh Rao</p> <ul style="list-style-type: none"> • Open for all • Followed by Sky Observation Program 	GSCP- Auditorium
27/02/2018	5.45 pm to 6.45pm	<p>Slide Show on Astronomy by Association of Friends of Astronomy</p> <ul style="list-style-type: none"> • Open for all • Followed by Sky Observation Program 	GSCP- Auditorium

* Above programs / timings subject to minor changes

In addition the Sir C.V. Raman memorial lecture will be delivered on 28th February 2018 from 3.00pm to 4.00pm. The Program will be concluded by the Valediction and Prize distribution function which will be held after the lecture at 4.00pm.

We invite your school to participate in the various programs organised during Science Fiesta 2018. We request you to send maximum number of students so that witness this highly educative program. Participatory certificates will be awarded to all the students participating in the different workshops and competitions. There is no entry fee for visiting Science Fiesta however usual entry ticket will be applicable for visiting the galleries, 3D show and Planetarium show.

Please send entries in the enclosed entry form **on or before 22nd February 2017 by Email or by post**

Thanking you,

Yours faithfully,

Sd/-

MMK Balaji
Project Co-ordinator