National Science Day - 2023

Important Information for the students selected in the screening test

National Science Day will be celebrated at PRL on **25 February 2023,** and all the students selected through a screening test conducted on 22 January 2023 are invited to participate in these celebrations. A list of selected students is available in the following link.

https://www.prl.res.in/sciday/index.php?r=site/page&view=result_sheet

There will be a full-day programme starting with a poster/model competition at **09.00 AM, followed by other activities, and it will end around 5.00 PM.** A detailed schedule of the National Science Day (NSD) events will be displayed soon on https://www.prl.res.in/sciday/

- Participation in the programme is limited to the selected students and one accompanying teacher per school. Prior registration is required for both, students and accompanying teacher, to attend the program.
- Entry into PRL from gate no. 3 (opposite the Knowledge Consortium of Gujarat (KCG) will **begin at 07:00 AM on 25 February 2023.** Students must arrive at PRL by **8:00 AM.**
- The students **must carry the admit slip attested by the school principal**. Both, students and the accompanying teacher, MUST bring a valid **photo ID** for entry into PRL. **In view of the safety and security measures, entry into PRL without a valid photo ID will not be permitted. Any ID on mobile will not be valid, and a physical copy will be required.**
- Only students from outside Ahmedabad (non-local) will be reimbursed, 2nd class rail or bus fare by the shortest route on the production of tickets to PRL authorities.
- Breakfast, tea, lunch and evening snacks will be provided to all the students and accompanying teachers attending the NSD 2023 celebrations.

Registration for the NSD-2023 at PRL on 25 February 2023:

- **The principal/School Coordinator should log in using their username and password to confirm the participation of the selected student(s).**
- **Select a theme for a poster/model.**
- **Please note that the information related to participation and registration should be submitted online together for the student(s) selected & an accompanying teacher and the details provided once will be final and cannot be changed later. For example, if more than one student is chosen, then submit poster details of all at a time.**
- **Also, provide the name of the accompanying teacher (mandatory).**
- **Please note that the information related to participation and registration submitted online will be final, and cannot be changed later.**
- **The last date for registration for participation is 15 February 2023, 05.00 PM.**
- **In addition to the Scholarships, various prizes will also be awarded to toppers of the screening test, and winners of the science cartoon and posters/models competition. The details of the competition is given below:**

Poster/Model competition

The students must arrive at PRL on **25 February 2023 by 8:00 AM** with either a poster or a model prepared by them on following theme:

<p align="center">"વૈશ્વિક કલ્યાણ માટે વૈશ્વિક ઉભરતા વિજ્ઞાનનો ફાળો"</p>

<p align="center">"वैश्विक कल्याण में उभरते विज्ञान की भूमिका"</p>

<p align="center">"Role of Emerging Science in the Global Well-being"</p>

Guidelines for Making Posters:

- The selected student(s) should prepare a poster in English, Hindi or Gujarati or a combination of these languages.
- The poster should be on thick white paper or chart paper (maximum size 100 cm height x 75cm width).
- Normal pencils, colour pencils, colour pens, crayons, highlighters and sketch pens can be used to make the posters and highlighting the matter. Fancy materials such as water/oil colours, glitter pens etc. should not be used. **Any layers on the posters will not be allowed.**
- **Printed, web-downloaded or photocopied text or figures are NOT permitted.**
- Marks will be deducted for not complying with the above guidelines.
- A panel of judges will evaluate posters based on (a) content related to the theme, (b) creativity, (c) understanding of the subject and (d) style of the presentation.

Guidelines for Making Models:

- Models can be either working/static or an investigation-based project related to the above two themes and may include
- A concept, principle or process.
- An indigenous design of a machine/device.
- An innovation/inexpensive design or a technique.
- Application of basic principles of science/ technology.
- Scheme/design of a device or machine to reduce production cost.
- The display board and electrical supply points will be provided if it is requested while confirming participation. Any other material, i.e. Laptop/drawing pins etc. should be arranged by the student. The size of the table provided to keep the model will be 4 feet x 2 feet (maximum).
- PRL will not bear any expenses for the preparation of the model.
- Use of LPG/CNG or any other flammable material will not be permitted. Water connection will not be provided for any model.
- Any readymade/commercially available model will not be considered for the competition. The decision made by the judges will be final.

The panel of judges will assess the model as per the following criteria
- Idea, creativity and imagination - 40 %
- Skill, presentation and demonstration - 40 %
- Utility/educational value - 20%

Science Cartoon Competition

This year PRL also announces Science Cartoon Competition as per the following guidelines. Students should submit cartoons by 15 February 2023 using the link given in the guidelines below.

Guidelines for science cartoon competition:

● A student can prepare one original cartoon relate to some science topic only.

● The cartoon can be made on an A4 size page.

● The cartoons may be coloured or black-and-white but must be drawn by hand only. Computer-generated or printed cartoons will NOT be considered for the competition.

● The cartoon can have a tag-line.

● All entries should be original and should be accompanied by a self-declaration saying that the contribution is original.

● All entries should have the following details:

● Name, School Name, Residential Address, Age, Class, Email and tagline of the cartoon (if any).

● PRL evaluation team will use AI tools to verify the originality of the cartoons. PRL reserves the right to reject any entry if not found original.

● Cartoons to be sent using the following link. [scan the cartoon and share either PDF or JPG files only, 300 DPI resolution, no tiff/PNG/GIF files are allowed)

https://forms.gle/ZkWA36GW9FywDKvj6

Science Cartoons for Reference ONLY:
https://www.niscair.res.in/jinfo/sr/2018/SR%2055(7)%20(Science%20Cartoon%20Competition%202017).pdf

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National Science Day Celebrations - 2023
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