

# National Science Day - 2019

01 February 2019

## **Important Information for the students selected in the screening test**

The National Science Day will be celebrated at PRL on **02 March 2019** and all the students selected through a screening test conducted on 20 January 2019 are invited to participate in these celebrations.

The selected students must arrive at PRL on **02 March 2019 by 8:00 hrs.** with a poster/model prepared by them on any one of the two themes:

**1) 'Sequences and Series in Nature'**

**2) 'Internet of Things: Your idea of improving human life'**

There will be a full day programme starting with poster/model competition at **09.00 hrs followed by other activities and it will end around 17.00 hrs.** 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 person (teacher OR guardian) per school.
- Entry into PRL from gate no. 3 (opposite to Knowledge Consortium of Gujarat (KCG) gate will begin at **08:00 hrs on 02 March 2019.**
- The student(S) **must carry the admit slip attested by the school principal.** Both, student and the accompanying person, **MUST carry a Photo ID for entry into PRL. In view of the safety and security measures, entry into PRL without proper photo ID will not be permitted.**
- Only students from outside Ahmedabad (non-local) will be reimbursed second class rail or bus fare by the shortest route on the production of tickets to PRL authorities. Breakfast, tea and lunch will be provided to all the students and accompanying persons attending the NSD celebrations.

### **Guidelines for Making Posters:**

- Selected student(s) should prepare a poster in English, Hindi or Gujarati or combination of these languages.
- The poster should be on a thick white paper or chart paper (maximum size 100cm height x 75cm width).
- Normal pencils, colour pencils, colour pens, crayons and sketch pens can be used to make the posters and highlighting the matter. Fancy materials such as marker pens, water/oil colours, glitter pens etc. should not be used.
- **Printed, web-downloaded or photocopied text or figures are NOT permitted.**
- Marks will be deducted for not complying with the above guidelines.

Posters will be evaluated by a panel of judges on the basis of (a) content related with 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 a 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.
- Display board and electrical supply points will be provided if it is requested while confirming the 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).
- Any expenses for the preparation of the model will not be borne by PRL.
- 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 model will be assessed by the panel of judges as per the following criteria

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| • Student's own creativity and imagination   | 40% |
| • Technical skill/workmanship/craftsmanship  | 20% |
| • Utility/educational value                  | 10% |
| • Presentation-explanation and demonstration | 20% |
| • Scientific idea/principle                  | 10% |

### Registration for the NSD-2019 at PRL on 02 March 2019:

- The principal 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 and the details submitted once will be final and cannot be changed later. For example, if more than one student is selected then submit poster details of all at a time.**
- Also, provide the name of the accompanying person i.e. teacher/ guardian (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 the registration for participation is 21 February 2019, 17.00 hrs.

In addition to the Scholarships, various prizes will also be awarded to toppers of the screening test, and posters/models competition.

Convener  
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