

Rotary Club of New Bombay Seaside

&

Shreeram Radhakrishnan Memorial Trust

Join Hands for the

Inter-School Science & Technology Fest

To promote and inculcate the spirit of scientific enquiry amongst the younger generation

Date: 6th of January 2019, from 9 am onwards

Venue: NMMC's Madhyamik Vidyalaya, Sector 4, Nerul

Details of the Festival / Rules & Regulations

A) The full day programme will comprise:

- 1) Inter-school Science & Technology **Projects Competition**(restricted to students up to 10th Std.) preferably by displaying working experiments and models.
- 2) **Demonstrations / talks / video presentations** on the following subjects for students and visitors:
 - a) Electrochemistry
 - b) Model & Working of Sensors
 - c) Fun with Mathematics
 - d) Model of a simple Computer
 - e) Biochemistry
- 3) **Astronomy (Gazing of Heavenly Bodies)**: Video presentation followed by Star Gazing for students at **Nerul Gymkhana Amphitheatre** (by a professional body from **6.30 pm** onwards on the **same day, 6th Jan.**).

B) Rules / Regulations / Information:

- i) Project Competition is a Team event and open to **students up to 10th Standard only**. Each team shall comprise of students of same school subject to a maximum of five students.
- ii) There will be **two categories: Juniors (up to and including 5th to 8th Std.) & Seniors (9th & 10th Std.)**.
- iii) **Two Teams per category per school**.
- iv) **No** experiments with **open flame** will be allowed.
- v) Tables will be provided by the organizers. The size of the table needed is to be informed to the organizers to avoid last minute glitches.
- vi) **Power points** will be made available by the organizers. Extension Board, if needed, has to be arranged by the participating team. All internal wirings have to be of proper quality (no loose connections).
- vii) As it may not be possible to stick posters on the walls, schools to come with their own display stands. The sides of the tables may be used for this purpose.
- viii) Students to come with sufficient stocks of items, if needed, like ---Batteries, Dyes, wires, windings, screwdriver, nuts & bolts, tapes, scissors, chalks, etc.

- ix) Students and teachers to **come** with their project items **by 9.30 am** and finish **setting up their projects by 10.00 am**. Registration of the Teams will be done while the project is being set up.
- x) The Confirmation of the participation by the school must be received before the 31st December 2018 (please use the attached sheet, or, email. Email is preferable).

C) Evaluation Criteria for Winners:

- i) Projects made with the efforts put by the students.
All members of the Team conversant with the details and working of the project.
- ii) Underlying principles behind all aspects of the project very clear to all the participants.
- iii) Innovation.
- iv) Applications of the Project.
- v) Is the Project practical?
- vi) How well and confidently are the students able to explain and their understanding of the underlying principles involved (example – students use Solar panels –they should be able to explain the material composition, the working, advantages, disadvantages etc of solar panels.)
- vii) **The decision of the judges are final and no discussion will be entertained.**

D) General:

- i) Participation Certificates will be awarded to all participants.
- ii) There will be **Cash Prizes, Trophies and Certificates** for the Winners. The first, second and third prizes for **each category** will be Rs. **5,000/-, Rs. 3,000/- and 1,500/-** respectively.
- iii) The **winners** will be announced on the **same day**.
- iv) The prizes will be **handed over** during the **evening** at **Nerul Gymkhana** Amphitheatre before the Heavenly Body Gazing Event @ 6.00 PM.
- v) **Lunch** will be provided to the participating students and accompanying teachers. Drinking water will be made available.
- vi) The organizers reserve the right to put up on their website videos and photographs of the event.
- vii) After the judges have finished their evaluation, the participating students may visit the different rooms where presentations will be held.
- viii) All information is available on our websites. Please visit the website for updates:

<https://www.shreeramradhakrishnanmemorialtrust.com/science-technology-club/>
and
spiritsseaside.com

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Project, Coordinator's & Students information:

(Please email confirmation of your participation and the number of teams participating at the earliest. Max. two Teams per category).

Name of the Project: _____

Name of the School: _____

Address of School: _____

Name of the Coordinator: _____

Phone number of Coordinator: _____

Email address of Coordinator: _____

Name of the Team members (if available):

1) _____ (TeamLeader)(Phone no. _____)

2) _____

3) _____

4) _____

5) _____

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