



Navi Mumbai Science Foundation

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[Bombay Public Trust Regn. No. F/24093/Thane]
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Secretary: Dr. A.K. Rajarajan (Mob. 99206 45990)
Convener: Dr. Jayant Joshi (Mob. 98694 65169)

Shree Gujarati Samaj

Trust Regn. No: F/968 Thane (1983)
Gujarat Bhavan Plot 61 A/B Sector-15, Vashi,
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Science Utsav – 2025

Date: 05 / 11 / 2024.

(In Association With “Pillai College of Engineering, New Panvel)

Teachers’ Conference (TC-25) & Exhibition of Science Experiments – A Two-Day Event.

Dear Sir/Madam,

Navi Mumbai Science Foundation (NMSF) holds its Science Utsav every year in the month of February. This academic year’s (2024-25) “Science Utsav” will be held accordingly on Feb. 8 & 9, 2025. The two-day event will consist of **Teachers’ Conference (TC-25) on Day-one & “Exhibition of Science Experiments” by students on Day-two.**

NMSF had the benefit of interaction with your school in the past and therefore, we are delighted to extend this personal invitation to you and your school/Jr. College for the event and look forward to enthusiastic participation from both, teachers and students alike.

The main theme of TC-25 is “**Artificial Intelligence in School Education**” and its concept note is attached for reference. It is requested that teachers from your school submit one or more paper(s)/essay(s) on the above theme, individually or jointly, based on their personal experiences. Teachers will have an opportunity to present their paper(s) during the conference. **The proceedings of the conference will be available on NMSF website. All the accepted papers will receive a cash incentive.** Similarly, a good participation from students of std. VI – IX is encouraged *in the “Exhibition of Science Experiments” on Day-two.*

The last date for receipt of “papers for Teachers’ Conference” is December 15, 2024, and for “write-ups on experiments” it is Sat. Jan. 15, 2025 – along with respective “Google Registration Forms”. The full paper(s) / write up(s) on experiments(s) may be sent by “E-mail” to:

nmsfscienceutsav@gmail.com OR Dr. J. V. Joshi: jvjoshi2002@yahoo.co.in/jvjoshi2002@gmail.com/

Other contact persons: Dr. A. K. Rajarajan, misraju@gmail.com (Mob.: 99206 45990), and
Dr. A. M. Bhagwat, ambhagwat@gmail.com (Mob.: 93241 68510).

Registration fee for participation is nominal, & has been fixed at i) Rs. 500/- per participant for Teachers' Conference and ii) Rs. 200/- per team of two students for the Exhibition of Science Experiments.

Please visit NMSF’s website www.navimumbaiencefoundation.org for the two Google registration forms.

Other guidelines for participation are attached.

We look forward to active participation from your school.

With Best Regards,

Yours’ Sincerely,

Dr. Jayant Joshi,
Convener, Science Utsav-2025.

Attachment: 1. A concept note on the theme topic of Teachers’ Conference-2025.
2. Guidelines for students for participation in Exhibition of Sc Experiments-2025.

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Exhibition of Science experiments (models alone are discouraged)

Guidelines for students & teacher-guides

(Reporting time: 08. 30 am on Sunday, 9th Feb. 2025, at Shree Gujarat Samaj, Sec. 15, Vashi)

Introduction: The students can display here their creativity and innovative spirit by exhibiting any demonstrative experiment based on any one of the scientific principles/phenomena encountered during school studies. **The experiment should involve validation, explanation, application of scientific principle and/or demonstrate its limitation.** The emphasis should be on simplicity of demonstration, such that it could even be safely replicated at home using household items.

The rules of the scheme are as under:

1. The number of participants **shall not be more than two per experiment** and each of them should have a clearly defined and adequate role in the presentation. The rules of the scheme are as under:
2. A student can be part of **a maximum of two demo experiments** only.
3. Students currently in Std. VI, VII, VIII & IX only are eligible to take part in the event. They can choose any topic in Physics, Chemistry, Biology or Mathematics. **Up to 5 teams per School are normally permitted. A school may set up more experiments, subject to availability of space & with prior permission.**
- 3A. Each school will also send an accompanying teacher to take care of the safety of their students. ← ←.**
4. The participants are required to submit a write-up on the experiment (not exceeding 200 words). The writeup should have a modular structure i. e., a) Aim, / Hypothesis, b) Apparatus, c) Construction of experimental setup, d) Method of measurement, e) Data collection, f) Discussion, h) Inference, / Conclusion.
5. **Experiments identifying their connection to a particular chapter of a particular standard's science text book (including the syllabus, i. e. CBSE/ICSE/CIE etc.), will receive topmost priority.**
6. Send your writeup along with the Google registration form.

Registration fee: Rs. 200/- per team/ experiment.

Last date for submission of writeup & registration is Sat. Jan. 15, 2025.

7. Entries selected by a team of experts will only participate in the exhibition.
8. The experiment should be safe and easily portable. Only a table-top space (4 feet by 2 feet) will be provided for its display. **All the gadgets/equipment** needed for the experiment shall be brought by the participants. **No mains supply will be provided. Experiments requiring electric power will be based on the use of a maximum of 12-Volt power supply only, arranged by the experimenters themselves.**
9. Exhibits selected by the judges will receive cash prizes. **All the participants will receive certificates of participation.**

