

**VISVESVARAYA INDUSTRIAL AND TECHNOLOGICAL MUSEUM**

(A unit of NCSM)

Ministry of Culture, Govt. of India  
Kasturba Road, Bengaluru - 560001

**NATIONAL SCIENCE SEMINAR - 2024**

**(for students of Classes VIII to X)**

Basic information for conducting Science Seminar up to State Level

- Topic of the Seminar : Artificial Intelligence: Potentials & Concerns
- Organised by : National Council of Science Museums (NCSM)  
Ministry of Culture, Govt. of India  
Sector - V, Block - GN, Bidhan Nagar  
Kolkata - 700 091
- Venue of National Science Seminar : Nehru Science Centre  
(A unit of NCSM)  
Dr E Moses Road, Worli  
Mumbai, Maharashtra 400018  
Phone No.: +91-22-24920482 / +91-22-24900518  
E-mail: nscm.edu@gmail.com  
Website: nehru-sciencecentre.in
- Date of National Science Seminar : 20<sup>th</sup> November 2024

**RULES AND REGULATIONS**

Introduction :

The objective of the Science Seminar is to inculcate a spirit of scientific enquiry and analytical thinking in the minds of young students. The Science Seminar will be held on a competitive basis in each State and Union Territory. The Seminar is organized generally at School, Block/Taluk, District and State level before culminating at the National Level. Winners from each School participate at Block/Taluk level seminars and winners of Block/Taluk level seminars participate at the District level seminars. A maximum of 2(Two) winners from each District participate in each State/UT level Seminar and only one winner from each State/Union Territory is eligible for National Level Science Seminar, which will be held at Nehru Science Centre, Mumbai.

- Participants : High School Students from class VIII to Class X only
- Language : English, Hindi or any recognized Indian language
- Duration : Each participant shall make the presentation on the given topic for a maximum duration of 6 minutes. This will be followed by a 2-minute Question-Answer Session with the Judges on the same topic. Each participant will be asked 3 questions in the Question-Answer session after his/her presentation by the judges and the participant will be required to answer any 2 of the questions within two minutes.

- Supporting: The maximum number of supporting visuals / slides / charts etc. permitted per presentation is restricted to 5 nos. altogether. The details of these are as given below:
- Visuals
- a) Charts/Posters-maximum size permitted is 850 mm (width) X 600 mm (height). All charts/posters are to be mounted - one on top of other-as done in a calendar. One side of the chart/ poster is considered as one unit. There should be no pop-ups.
  - b) Computer based Static slides (MS Office 2018 or lower in .ppsx, .pptx, .ppt, .pps format) without additional features like pop-up, animation, rollovers, etc. No interaction within one slide is permitted.
- Grading : For evaluating and grading the presentations of the participants, following criteria will be judged:
- |                                       |                  |
|---------------------------------------|------------------|
| 1) Scientific Content in presentation | - 40 marks       |
| 2) Novelty in use of visuals          | - 15 marks       |
| 3) Fluency in speech                  | - 25 marks       |
| 4) Ability to answer questions        |                  |
| (a) Written Aptitude Test             | -10 marks        |
| (b) Answers to oral questions         | -10 marks        |
|                                       | -----            |
|                                       | Total: 100 marks |
|                                       | -----            |
- Note : 3D models, animation, pop-ups, rollovers, videos and films in any form are not allowed
- Prizes : As decided by the host organisers of State/Union Territory Level Science Seminars.
- Date : As announced by the State/UT organizing authority (like State/UT Education Dept./SCERT/DSE/DGE/SISE/SIE/S&T etc.). However, all contests in States/UTs must be completed on or before 30<sup>th</sup>. Sept, 2024.
- (This is mandatory in order to enable the participants to prepare for National Level Seminar).
- Special Note : At the time of deliberation, no Teacher or Escort shall be allowed to assist the participant on the dais except for physically challenged students.

**INFORMATION TO THE HOST (STATE/UT) ORGANISER:**

The details of the Seminar held at each District level and State/UT level may be sent to Visvesvaraya Industrial & Technological Museum, Bengaluru along with photographs of the event. During the State/UT Level Competition, a banner showing the details of the sponsor (to be communicated by us later) may be displayed and a photograph of the banner with the participants may be sent to the following address for records.

The Director  
 Visvesvaraya Industrial & Technological Museum  
 Kasturba Road, Bengaluru-560 001  
 Phone: 080-22040249/224/228, 080 - 22866200  
 Fax: 080-22864009/22864114  
 Email: vitmuseum@gmail.com  
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