



Ministry of Culture
Government of India



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विश्वेश्वरैया औद्योगिक एवं प्रौद्योगिक संग्रहालय

VISVESVARAYA INDUSTRIAL AND TECHNOLOGICAL MUSEUM

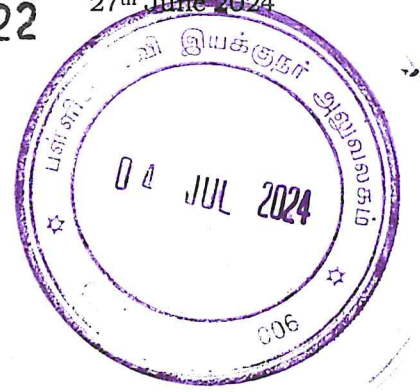
(National Council of Science Museums, Ministry of Culture, Govt. of India)

No. VM 24(18)/EDEXT/NSS-2024 /225

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27th June 2024

To,
The Director
Directorate of School Education
No.6, DPI Campus
College Road, Nungambakkam
CHENNAI – 600 006
Tamil Nadu



Sub: National Science Seminar - 2024

Madam/Sir,

Greetings from VITM Bengaluru!

We would like to thank you for your kind support extended in organizing the High School Level Science Seminar of your state in the previous years. National Science Seminar for high school students is back again this year. We are happy to inform you that the topic for this year's National Science Seminar is **"Artificial Intelligence: Potentials & Concerns"**. The National Science Seminar-2024 will be held on 20th November 2024 at Nehru Science Centre, Mumbai.

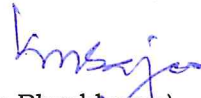
As you are aware, the State level event of the National Science Seminar will be organised by your department of your State/UT. However, initially you may organise Taluk/Block/Mandal level and district level events on your convenient dates. You are requested that the basic information about the topic of the seminar may reach to all schools of your state /UT. The dates and venues of the seminar at all levels (school/block/Taluk/district/state levels) may also be finalized well in advance so as to enable students prepare for the seminar. Kindly ensure that the State Level Science seminar is to be completed before **30th September 2024**. The basic information for conducting Science Seminar up to State Level is enclosed herewith for your kind reference and the posters and folders for the same shall be sent to you in due course.

Like previous years, Certificates shall be provided by us to the participants of the state level seminar. You are requested to send us immediately the details of the signatory (Name, designation, name & logo of the organisation) through the email: vitmuseum@gmail.com so it will enable us to print the state level certificates at our end.

For any further queries and details regarding the science seminar, please be in contact with Shri R Bharadan, Education Officer & Regional Coordinator for South Zone Science Seminar, VITM Bengaluru on landline no. 080-22040224/228 or his mobile no. 8050607008 and email id: vitmuseum@gmail.com

Thanking you,

Yours faithfully,


(K Sajoo Bhaskharan)
Director

Encl: a/a

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 : 20th 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 30th. 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
 Website: www.vismuseum.gov.in