



Government of Goa

**State Council of Educational Research & Training,
Porvorim Goa-403521**

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No. SCERT/NSS-2008/76/391/ **461**

Dated:15/07/2019

To,

The Heads of all Secondary School in Goa,

Sub: - State Level Science Seminar 2019.

Sir/Madam,

National Council of Science Museums (NCSM) New Delhi has announced the Annual Programme of National Science Seminar – 2019 for the Secondary School students. This year the topic for the seminar is '**Periodic Table of Chemical Elements: Impact on Human Welfare**'

The State Council of Educational Research & Training, Porvorim, Goa has been organizing the seminar every year with your consistent co-operation since last three decades. The seminar organized last year on the topic: "Industrial Revolution (IR) 4.0: Are we prepared?" was a grand success with maximum participation from each taluka of Goa.

We are enclosing herewith the rules & regulations for organizing the National Science Seminar-2019 for your kind reference.

The State Level Science Seminar will be conducted at two levels viz. Zone level and State Level. During Zone Level Seminar six students from each zone will be selected to participate in the State Level Seminar.

The first winner of the state level Seminar will be eligible to participate in the National Level Science Seminar 2019 to be held at **Regional Science Centre, Guwahati on 6th November 2019**. The details about the National Science Seminar 2019 are given in the enclosed "Rules and Regulations".

We would like to request you to take appropriate action in right earnest so as to select **one student from your school** to take part in the seminar and arrange to propose his/her name to this office by filling the Google form <https://forms.gle/P5eNEao8svfcTVV9A> **on or before 30th July 2019**. The schools have to open the form and fill it. Then SCERT will email back the PDF of all the forms to respective school. The schools will take a printout and verify the form, the head of the institution will certify the same and return the forms (Hard copy) back to SCERT at the time of registration on the day of competition without which the participant will not be allowed to participate.

Google forms received after 30th July 2019 will not be accepted.

The date and timings for the Zonal level and State Level Science Seminar are as follows.:

Zonal Level Science Seminar

| Sr.No. | Zone | Date | Time | Venue |
|--------|-----------------|---------------------------|--------------------------------|--|
| 1. | North Zone | 19.08.2019 (Monday) | 10.00 a.m. to 05.00 p.m. | For Schools in Pernem, Bardez, Bicholim and Sattari Talukas --State Council of Educational Research & Training, Porvorim, Goa. (SCERT) |
| 2. | Central Zone | 20.08.2019 (Tuesday) | 10.00 a.m. to 05.00 p.m. | For Schools in Tiswadi, Ponda, Sanguem and Dharbandora Talukas --GVM's Smt. Nelly Joildo Aguiar Higher Secondary school Ponda. |
| 3. | South Zone | 21.08.2019 (Wednesday) | 10.00 a.m. to 05.00 p.m. | For Schools in Salcete, Quepem, Canacona and Mormugao Talukas—Govt. Multipurpose Higher Secondary School Hall, Margao. |

State Level Science Seminar

| Date | Time | Venue |
|------------------------|--------------------------------|--|
| 26.08.2019 (Monday) | 10.00 a.m. to 04.30 p.m. | State Council of Educational Research & Training, Porvorim, Goa. (SCERT) |

It is requested to ensure that the participating student shall remain present on the above mentioned date at the venue at least 30 minutes before the commencement of the seminar along with the duly filled entry form and deputation letter from the Head of the school.

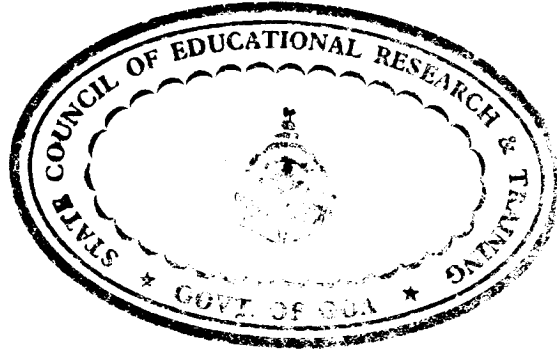
The teachers accompanying the students will have to claim T.A./D.A. from their respective schools.

Your motivation to students & teachers to take part in this competition will be highly appreciated. No lunch will be provided at Zonal level, the participants and the teachers accompanying the participants need to arrange for their lunch, Only light refreshment will be provided.

Yours faithfully,



(Nagaraj Honnekeri)
Director, SCERT, Goa



Copy to:

- 1)The Director of Education, Directorate of Education, Porvorim, Goa.
- 2)Dy. Director of Education, NORTH/CENTRAL/SOUTH Educational Zone, Mapusa /Panaji/ Margao
- 3)The Director and Regional Coordinator, National Science Seminar, Nehru Science Centre, Mumbai.
- 4)Project Coordinator, Goa Science Centre, Marine Highway, Miramar, Panaji, Goa.
- 5)All A.D.E.I.'s office

RULES AND REGULATIONS: -The objectives of the Science Seminar is to inculcate the spirit of scientific enquiry and analytical thinking in the minds of the young students. The Science Seminar will be held on a competitive basis in each State & Union Territory. The Winner (one number) from each State and Union Territory, as recommended by the respective State/UT Education Authority on the basis of the State / UT level contest, is eligible to participate in the National Level Science Seminar which will be held at **Regional Science Centre, Guwahati on 6th November 2019.**

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|--|---|---------------------------------------|---------|----------------------|---------|--------------------------------|--|--|----------|--|----------|------------------------------|----------|--|-------|--------|-----------|
| Topic of the Seminar | 'Periodic Table of Chemical Elements: Impact on Human Welfare' | | | | | | | | | | | | | | | | |
| Participants | High School Students from class VIII to Class X only | | | | | | | | | | | | | | | | |
| Language | English, Hindi or any recognized Indian Language | | | | | | | | | | | | | | | | |
| Duration | Participants shall make his/her presentation on the given topic for a maximum duration of 6 minutes. This will be followed by a two minute Question-Answer Session with the Judges on the same topic. | | | | | | | | | | | | | | | | |
| Pattern | Each participant of the Science Seminar will be asked 3 (three) questions after his/her presentation by judges and the participant will be required to answer any (2) question in two minutes. There will be a written aptitude test for all the participants before the commencement of the seminar. | | | | | | | | | | | | | | | | |
| Grading | <p>For evaluating and grading the presentations of the participants, following criteria will be judged</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">1. Scientific content in presentation</td> <td style="text-align: right;">40marks</td> </tr> <tr> <td>2. Fluency in speech</td> <td style="text-align: right;">25marks</td> </tr> <tr> <td>3. Ability to answer questions</td> <td></td> </tr> <tr> <td style="padding-left: 20px;">(a) A written aptitude test of 20 questions (20 minutes maximum)</td> <td style="text-align: right;">10 marks</td> </tr> <tr> <td style="padding-left: 20px;">(b) Answer to questions in Question-Answer Session after the presentation (2 out of 3 questions)</td> <td style="text-align: right;">10 marks</td> </tr> <tr> <td>4. Novelty in use of visuals</td> <td style="text-align: right;">15 marks</td> </tr> <tr> <td></td> <td style="text-align: right;">-----</td> </tr> <tr> <td>TOTAL:</td> <td style="text-align: right;">100 marks</td> </tr> </table> | 1. Scientific content in presentation | 40marks | 2. Fluency in speech | 25marks | 3. Ability to answer questions | | (a) A written aptitude test of 20 questions (20 minutes maximum) | 10 marks | (b) Answer to questions in Question-Answer Session after the presentation (2 out of 3 questions) | 10 marks | 4. Novelty in use of visuals | 15 marks | | ----- | TOTAL: | 100 marks |
| 1. Scientific content in presentation | 40marks | | | | | | | | | | | | | | | | |
| 2. Fluency in speech | 25marks | | | | | | | | | | | | | | | | |
| 3. Ability to answer questions | | | | | | | | | | | | | | | | | |
| (a) A written aptitude test of 20 questions (20 minutes maximum) | 10 marks | | | | | | | | | | | | | | | | |
| (b) Answer to questions in Question-Answer Session after the presentation (2 out of 3 questions) | 10 marks | | | | | | | | | | | | | | | | |
| 4. Novelty in use of visuals | 15 marks | | | | | | | | | | | | | | | | |
| | ----- | | | | | | | | | | | | | | | | |
| TOTAL: | 100 marks | | | | | | | | | | | | | | | | |
| Supplementary Visuals | <p>The maximum number of supporting visuals/slides/charts etc. permitted per presentation is altogether 5 (five) only. The details of these are as given below:</p> <p>a) Charts / Posters- maximum size permitted is 850 mm (width) x 600mm (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.</p> <p style="text-align: center;">OR</p> <p>b) Computer based slides Static (MS Office 2016 or lower in .ppsx, .pptx, .ppt, .pps format) without additional features like animation,</p> <p>c) pop-ups, rollovers, etc. No interaction within one slide is permitted.</p> | | | | | | | | | | | | | | | | |

Note: 3D Models, videos and films are not allowed to be shown during the deliberation / Presentation.

Prizes:

Zonal Level:..... Nil

State Level:

First prize.....Rs.2000/-

Second Prize.....Rs.1500/-

Third Prize.....Rs.1000/-

Three consolation Prizes of.....Rs.500/-each

Special Note: At the time of deliberation, no Teacher or an Escort shall be allowed to assist the participant on the dais except for physically challenged student.