



Government of Goa

State Council of Educational Research and Training

Alto-Porvorim, Goa 403521.

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No. SCERT/SSE/360/2007-08/Part I/170

November 01, 2019

To,
The Headmaster/Headmistress/Principal,

Subject: State Level Science, Mathematics and Environment Exhibition
for Children – 2019-20 (SLSMEE 2019-20)

Sir/Madam,

The State Council of Educational Research & Training, Alto-Porvorim, has scheduled to organize the State Level Science, Mathematics & Environment Exhibition for Children 2019-20 in collaboration with NCERT, New Delhi for the students of Secondary & Higher Secondary Schools in Goa, preferably for class IX to class XII. The theme for SLSMEE 2019-20 and JNNSMEE 2019-20 is **“Science and Technology for Sustainable Development”** The Six Sub themes are: -

1. Sustainable Agricultural Practices
2. Cleanliness and Health
3. Resource Management
4. Industrial Development
5. Future transport and Communication
6. Educational Games and Mathematical Modelling.

The Guidelines for the preparation of Exhibits and models is enclosed herewith. Also, it can be downloaded from the NCERT website www.ncert.nic.in.

This exhibition is proposed to be held at Goa Science Centre Miramar-Goa from, 06th January to 08th January 2020, and one day Science seminar for science teachers on 6th January 2020 on the subject **Periodic Table of Elements**. The students participating in the exhibition should reach at the venue at 9.30 am. on 06th January 2020 with the project. The timings for the exhibition for all three days will be from 10.00 a.m. to 5.00 p.m.

PRIZES: - It is proposed to award the following prizes at State Level Exhibition.

First Prize	Rs. 2,000/-
Second Prize	Rs. 1,500/-
Third Prize	Rs. 1,200/-
Fourth Prize	Rs. 1,000/-
Fifth Prize	Rs. 800/-
5 Special prizes @ Rs.500/-	Rs. 2,500/-

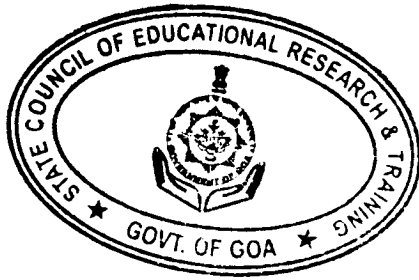
The schools participating in the Exhibition should send their entries to this Council in the enclosed Proforma (Form A and B) in duplicate on or before 20th December 2019 along with the write-up of the exhibit.

Each school can display two exhibits and each exhibit should be accompanied by one student & a guide Teacher. It may be noted that only one teacher will be allowed to accompany the exhibits even if the school is participating with two exhibits.

The exhibits could be static/working models. **The model exhibited should not occupy space beyond 90 cm x 60 cm.**

The Science/ Mathematics/ Environment Projects exhibited in the past either in the State Level Western India Science Fair, District/ State Level Exhibition for INSPIRE Awardees or in the State Level Jawaharlal Nehru Science, Mathematics & Environment Exhibition shall not be allowed and such exhibits shall be disqualified for participation.

Yours faithfully,



(N. G. Honnekeri)
Director, SCERT, Goa.

Encl:- As above.

Copy to:

1. Director of Education, Directorate of Education, Panaji – Goa.
2. The Dy./Asst. Director of Education, North/Central/South Educational Zone, Mapusa/Panaji/Margao
3. All A.D.E.I.'s

Proformas

**47th Jawaharlal Nehru National Science, Mathematics and Environment Exhibition
(JNNMEE – 2020) for Children**

Theme : Science and Technology for Sustainable Development

Proforma I

Information about the Exhibit/Model

1. Title of the Exhibit/model.....
(in BLOCK letters)

2. Sub-theme:

- 1. Sustainable Agricultural Practices
- 2. Cleanliness and Health
- 3. Resource Management
- 4. Industrial Development
- 5. Future Transport and Communication
- 6. Educational Games and Mathematical Modelling
- 7. Other (please specify sub-theme);.....

3. Name(s) of Contributing Student(s)(M/F);
Class.....
(in BLOCK letters)(M/F); Class.....
.....(M/F); Class.....
.....(M/F); Class.....

Mobile No.
Email

4. Name(s) of Guiding Teacher(s) (M/F)
(in BLOCK letters)(M/F)
Mobile No
Email

5. Name of school with complete postal address (in BLOCK letters) :
.....
.....
.....State/UT..... Pin
Phone:; Email
Mobile No.....

6. Type of school* Government/Local Body/ Private Aided/Private
Unaided/ Any other (Please Specify)

7. Affiliation of the School State Board/ICSE/CBSE, Any other (Please Specify)
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8. Location of the School Tribal/Rural/Backward/Semi Urban/Urban
.....

9. Nature of the Exhibit/Model (A) Innovative/Improvised Apparatus
(B)Working/Static Model/Study Report
Any Other (Please Specify).

10. Whether Dark Room Space is needed for the display of Exhibit: Yes/No

11. Approximate space required for the display of Exhibit.....

12. Source of inspiration/help for preparing the exhibit/model:

(Please explain briefly about the nature and form of help received from the following):

(i) From Teachers/School

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.....

(ii) From Parents

.....
.....

(iii) From Peer Group

.....
.....

(iv) Any other

.....
.....

<p>Government: A Government School is that which is run by the State Government or Central Government or Public Sector Undertaking or an Autonomous Organisation completely financed by the Government;</p> <p>Local Body: A Local Body School is that which is run by Panchayati Raj and Local Body Institutions such as Zila Parishad, Municipal Corporation, Municipal Committee or Cantonment Board;</p> <p>Private Aided: A Private Aided School is that which is run by an individual or a private organisation and receives grants from the Government or Local Body;</p> <p>Private Unaided: Private Unaided School is that which is managed by an individual or a private organisation and does not receive any grant from the Government or Local Body.</p>

13. Brief Summary (Please explain the purpose (or aim) and the scientific principle involved in the exhibit/model in not more than three lines).

Proforma 49

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14. Write-up of the Exhibit/Model (not more than 1,000 words) in the following format.

[**Note:** Proper submission of the write-up will ensure that if selected for participation in the 47 Jawaharlal Nehru National Science, Mathematics and Environment Exhibition (JNNSMEE-2019) for Children-2019, it will be considered for publication in the booklet entitled: Structure and Working of Exhibits. For convenience, examples of write-ups of exhibits are also given in this booklet.]

I. Introduction

- (i) Purpose (or Rationale) behind the development or construction of the exhibit; and
- (ii) The scientific principle involved.

II. Description

- (i) Materials used for the construction;
- (ii) Construction and working of the exhibit/model; and
- (iii) Applications, if any.

III. References

Books, journals or magazines referred for preparation of the exhibit/ model.

IV. Illustrations

- (i) Black and white line and labelled diagram of the model, illustrating the working of the exhibit/model.

- (ii) Close-up photographs of the exhibit/model.

14. Five minutes video presentation in CD by the student about the exhibit containing

(i) title of the exhibit (ii) sub-theme of the exhibit (iii) working of the exhibit (iv) scientific principle involved in it (v) application etc. should also be sent along with the write-up.

- Note: (i) Please do not pin or paste the photographs of the exhibits. Enclose them in a separate envelope. Description of the photograph may be written on its back.
- (ii) Please do not enclose the photographs of participating student(s) and their guide teacher(s)
 - (iii) Please do not send the scanned/soft copies of write-ups instead of video presentation.

CERTIFICATE OF ORIGINALITY

We.....
hereby declare that the submitted exhibit/model is our original creative work / modified form of available work and to the best of our knowledge, this exhibit/model has never been developed by any other person in this form.
(Strike off, whichever is not applicable.)

(Signature)

Student:- _____

Guide Teacher: _____

(School Seal)

(Signature of the HM/Principal)