

STATE COUNCIL OF EDUCATIONAL RESEARCH & TRAINING
Himachal Pradesh



SCERT Complex Rabon
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No. EDN/SCERT/SLN(Sc. Activities) -2017-2112-22 Dt. 27/11/2017

To

Deputy Director (Higher Edu.),
Directorate of Higher Education,
Distt. Bilaspur/Chamba/Hamirpur/Kangra/Kinnaur/Kullu/Mandi/Sirmaur/Solan/Shimla/Una
Himachal Pradesh

Subject: Regarding State Level Science, Mathematics & Environment Exhibition for Children 2017-18
Madam/Sir,

This is to inform you that the State Level Science, Mathematics & Environment Exhibition for Children 2017-18 is to be held in SCERT, Solan in the month of February 2018. So write ups of the exhibits (under the themes mentioned below) from interested students of class IX to XII belonging to schools affiliated to H.P Board of School Education are invited. The write-ups should reach SCERT by 5th January 2018 along with completely filled up Performa-1 for screening. The selected students will be intimated and would be invited to display their models in SCERT. Along with exhibition a seminar on the topic ' Digital transactions: promises & Challenges' will also be organised for mass awareness, so entries for this are also invited.

The theme for SLSMEE-2017-18 and JNSMEE-2018, "Innovations for sustainable development" aims to cover sub-themes such as-

1. Health and well-being;
2. Resource management and food security;
3. Waste management and water body conservation;
4. Transport and Communication;
5. Digital and Technological solutions;
6. Mathematical modeling;

The write up should have the following headings:

Introduction, Scientific Principle involved, Materials required, Construction & working, Advantages/Result

For further information visit www.ncert.nic.in. For any query regarding this contact

Rita Sharma, Associate Prof. cum Coordinator : 9418485115.

You are requested to intimate the Principals of H.P Board affiliated schools at the earliest. Performa -1 is enclosed herewith.

Regards,

Rita Sharma
Principal
SCERT, Solan

Endst. No: - EDN-U (E-3) Science Activities/ 2017/- 19058
Office of the Deputy Director of Higher Education,
Una Distt. Una (HP).

Dated

Una

16 December, 2017

All the Principals / Headmasters of Govt. Senior Secondary Schools / High Schools / affiliated to HP Board are hereby directed to send the write-ups to SCERT Solan along with prescribed format under intimation to this office within stipulated period.

J. D. Sharma
Dy. Director of Higher Education,
Una Distt. Una (HP).

**45TH JAWAHARLAL NEHRU NATIONAL SCIENCE, MATHEMATICS AND ENVIRONMENT EXHIBITION
(JNNSMEE 2018) FOR CHILDREN**

THEME: INNOVATIONS FOR SUSTAINABLE DEVELOPMENT

**PROFORMA I
INFORMATION ABOUT THE EXHIBIT/MODEL**

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

2. Sub-theme:

- i. Health and well-being;
- ii. Resource management and food security;
- iii. Waste management and water body conservation;
- iv. Transport and communication;
- v. Digital and technological solutions;
- vi. Mathematical modeling;
- vii. Others (please specify sub-theme);

3. Name(s) of contributing student(s)
(in BLOCK letters)

.....(M/F); Class.....
(M/F); Class.....
(M/F); Class.....
(M/F); Class.....

4. Name(s) of guiding teacher(s)
(in BLOCK letters)

..... (M/F)
(M/F)

5. Name of school with complete postal address (in BLOCK letters):

.....

 State/UT Pin

Phone:; Email

6. Type of school*

Government/Local Body/Private Aided/Private
 Unaided/Any other (Please Specify)

- I *Introduction*
 - Purpose (or Rationale) behind the development or construction of the exhibit; and
 - The scientific principle involved.
- II *Description*
 - Materials used for the construction;
 - Construction and working of the exhibit/model; and
 - Applications, if any.
- III *References*
 - Books, journals or magazines referred for preparation of the exhibit/model.
- IV *Illustrations*
 - Black and white line and labelled diagram of the model, illustrating the working of the exhibit/model.
 - Close-up photographs of the exhibit/model.

15. 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-ups.

- 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.

(Signatures of all students and teachers)