

PROCEEDINGS OF THE DIRECTOR, STATE COUNCIL EDUCATIONAL RESEARCH AND TRAINING,  
A.P., AMARAVATI

Rc.No.135/B3/Sci/SCERT/2017

Dated:05-07-2017

Sub:- SCERT, A.P., - National Level Science Seminar - 2017 - Conducting District Level Science Seminar - 2017 - Orders - Issued - Reg.

Read:-Lr. No. VM24 (18)EDEXT/NSS-2017/19037 Dt,25-05-2017, from Curator & Zonal Coordinator, NSS-2017, Visvesvaraya Industrial and Technological Museum, Bangalore.(Copy enclosed)

\*\*\*

All the District Educational Officers in the state are informed that VITM, Bangalore has informed that the National Level Science Seminar will be organized at Birla industrial and Technological Museum, 19A, Gurusaday Road, Kolkata-700091 and requested to organize School Level, Mandal Level, District Level, State Level Science Seminars on the given topic and furnish list of winners of the State Level Science Seminar to participate in the National Level Science Seminar on 09<sup>th</sup> November, 2017. The topic for this years Seminar is **"SWACHH BHARAT: ROLE OF S& T - PROMISES & CHALLENGES"**.

Hence they are requested to organize Divisional level Science Seminars on the given topic i.e. **"SWACHH BHARAT: ROLE OF S& T - PROMISES & CHALLENGES"** on or before 3<sup>rd</sup> week of August 2017 and District Level Science Seminar is last week of August, 2017 and furnish details of 1<sup>st</sup> and 2<sup>nd</sup> prize winners immediately to participate in the State Science Seminar 2017. No budget is available to organize the above two events. The State Level Science Seminar will be organised on 11<sup>th</sup> October, 2017. The details of venue will be intimated on later date.

M.V. Rajyalakshmi  
Director, SCERT

To

All the District Educational Officers in the State.  
Copy to the Regional Joint Directors of School Education in the State for information.

//T.C.F.B.O.//

*Naga Madhavi*  
SUPERINTENDENT





ವಿಶ್ವೇಶ್ವರಯ್ಯ ಕೈಗಾರಿಕಾ ಮತ್ತು ತಾಂತ್ರಿಕ ವಸ್ತು ಸಂಗ್ರಹಾಲಯ  
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-2017

25<sup>th</sup> May 2017

To

The Director  
State Council of Education Research & Training  
Govt of A.P.  
Upper Alia School Building,  
Opp. Lalbahadur Stadium,  
Hyderabad - 500 001

**Sub: National Science Seminar – 2017**

Sir/Madam,

Thank you very much for your kind support in organising the High School level Science Seminar in 2016. Topic for this year's Science Seminar is "SWACHH BHARAT: ROLE OF S & T- PROMISES & CHALLENGES". Topic in Hindi is "स्वच्छ भारत: विज्ञान एवं प्रौद्योगिकी - संभावनाएं और चुनौतियाँ".

Please find enclosed herewith the basic information for organising the Science Seminar in your State. This year the **National level Science Seminar** will be held on **09 November, 2017** at Birla Industrial & Technological Museum, 19A, Gurusaday Road, Kolkata-700 091. We would request you to kindly give wide publicity so that students from different parts of your state participate in the Taluk / block / Mandal level Science Seminar. The Posters and Brochures will be sent to you in due course.

As in the previous years, the **State level event** of the National Science Seminar will be organised by **your Department** in the State. However, initially you may organise Taluk / block / Mandal level and district level events on your convenient dates. After completing the District level Science Seminar, please send us the list of winners (details-Names and Institution represented), so that we shall prepare the merit certificate to be awarded to them at State level Science Seminar. As in the previous years, printed certificates will be handed over to you for your signature, on the day of the State level Science Seminar.

Basic information, Guidelines & Rules & regulations for conducting the seminars at various levels are enclosed herewith. **This may kindly be included in the circular, which you send to the schools.**

You are requested to send to us immediately by email ([vitmuseum@gmail.com](mailto:vitmuseum@gmail.com)) the current contact address of the signatory of the certificates along with the name, designation, e-mail address, phone number & correct name of your organisation for inclusion of the same in the certificates.

After you decide **date and venue** of the State level Science Seminar please inform us so that our representative can attend the program. This will enable us to award the certificates to the winners and the participants from our end. During the valedictory function of State level Science Seminar our representative will hand over the invitation letter to the first winner of your state, who will be eligible to take part in the National level Science seminar. **Kindly ensure that the State level event of your state is completed before first week of October 2017.**

Thanking you,

Yours faithfully,

*Jyoti Mehra*  
(Jyoti Mehra)  
Curator &

Zonal Coordinator, NSS-2017

Encl:As above



**BIRLA INDUSTRIAL & TECHNOLOGICAL MUSEUM**  
**(National Council of Science Museums)**  
**19A Gurusaday Road. Kolkata - 700019**

**NATIONAL SCIENCE SEMINAR -2017**

**BASIC INFORMATION FOR SCIENCE SEMINAR UPTO STATE LEVEL**

Topic of the Seminar	:	<b>SWACHH BHARAT: ROLE OF S &amp; T PROMISES &amp; CHALLENGES</b> <b>स्वच्छ भारत : विज्ञान एवं प्रौद्योगिकी - संभावनाएं और चुनौतियाँ</b>
Organised by	:	<b>National Council of Science Museums</b> (Ministry of Culture, Govt. of India) Sector - V, Block - GN, Bidhan Nagar Kolkata - 700 091
Venue of National Science Seminar	:	<b>Birla Industrial &amp; Technological Museum</b> 19A Gurusaday Road. Kolkata - 700019  Phone : (033)22877241 / 7142 / 7243 Fax: (033) 2287 0233 Email : bitmnss2017@gmail.com Website: <a href="http://www.bitm.gov.in">www.bitm.gov.in</a>
Date of National Science Seminar	:	09 November, 2017

**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, District and State level before culminating at the National Level. Winners from each School participate at Block level seminars and winners of Block level seminars participate at the District level seminars. A maximum of 2(Two) winners from each District participate in 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 **Birla Industrial & Technological Museum, Kolkata on the 9<sup>th</sup> November, 2017.**

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 State/Union Territory Science Seminar will be asked 3 (three) questions in the Question-Answer session after his/her presentation by the judges and he/she will be required to answer any 2 questions in two minutes. There will be a written aptitude test also for all the participants before the Seminar starts.															
Grading	:	For evaluating and grading the presentations of the participants, following criteria will be judged :  <table><tr><td>1. Scientific Content in presentation</td><td>-</td><td>40 marks</td></tr><tr><td>2. Fluency in Speech</td><td>-</td><td>25 marks</td></tr><tr><td>3. Ability to answer questions</td><td></td><td></td></tr><tr><td>    (a) A written Aptitude Test of 20 questions (20 minutes maximum)</td><td>-</td><td>10 marks</td></tr><tr><td>    (b) Answer to Questions in Question-Answer</td><td></td><td></td></tr></table>	1. Scientific Content in presentation	-	40 marks	2. Fluency in Speech	-	25 marks	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		
1. Scientific Content in presentation	-	40 marks															
2. Fluency in Speech	-	25 marks															
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
		-----
<b>Total:</b>		<b>100 marks</b>

Supplementary Visuals : 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:

- 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

OR

- b) Slides should be of 35 mm format mounted in plastic frame preferably

OR

- c) The size of the overhead projector slides should not be more than A4 size, which could be viewed fully when projected

OR

- d) Computer based slides, Static (Office 2010 .ppsx & .pptx format) without additional features like animation, pop-ups, rollovers, etc. No interaction within one slide is permitted.

**Note: 3D models, videos and films are not allowed to be shown during the deliberation / presentation.**

Prizes : As decided by the host organizers of State / Union Territory level Science Seminars.

Date : As announced by the State / UT organizing authority (like State / UT Education Dept. / SCERT / SISE / SIE / S&T etc.). However, all contests in States / UTs must be completed on or before **15<sup>th</sup> September, 2017**. (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 **Birla Industrial & Technological Museum, Kolkata** 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 National Coordinator for records.

– Contact Address –

#### **Birla Industrial & Technological Museum**

19A Gurusaday Road.

Kolkata - 700019

Phone: (033)22877241 / 7142 / 7243

Fax: (033) 2287 0233

Email : bitmnss2017@gmail.com



**Annexure I**  
**Birla Industrial & Tecnological Museum**  
 19A Gurusaday Road.  
 Kolkata - 700019  
 Phone: (033)22877241 / 7142 / 7243  
 Fax: (033) 2287 0233  
 Email : bitmnss2017@gmail.com

**REPORT ON STATE / UT LEVEL SCIENCE SEMINAR – 2017**  
**on**  
**SWACHH BHARAT: ROLE OF S&T PROMISES & CHALLENGES**

**स्वच्छ भारत : विज्ञान एवं प्रौद्योगिकी - संभावनाएं और चुनौतियाँ**

(To be submitted by State / UT Organisers after the **FINAL** Event to the Zonal Coordinator,  
 National Science Seminar - 2017)

1	Name of the State / UT		
2	Name of the organization coordinating the Seminar in the State/UT (Please indicate Address in case of change)		
3	Date & Venue of State/UT level Seminar		
4	No. of Student Participants		
	No. of Schools		
	No. of Audience	Students :	Teachers :
5	Name of the Chief Guest for the State/UT level event		
6	Names of other Dignitaries	1.	
		2.	
		3.	
7	Names of Judges with addresses at State/UT level	1.	
		2.	
		3.	
8	Name and School of the Prize winners at State/UT level	Name & Address	Language of Presentation
		1.	
		2.	
		3.	

9	No. of photographs of the event attached along with this report	Minimum 3 photos	<ul style="list-style-type: none"> <li>• Showing the first prizewinner-receiving prize from the VIP with the banner in the backdrop</li> <li>• A student presenting the lecture and Judges (with banner in the background)</li> <li>• Showing the audience and the Banner</li> </ul>
---	---	------------------	--

Sl No.	Level	Participants to Seminar		Audience at the Seminar		
		Students	Teacher escorts	Students	Teachers	Others
1.	Taluka					
2.	District					
3.	Zone					
4.	State					
5.	Total					

- Indicate, "Not conducted" if no competition is organized at that level in your State / UT. For example, if no Taluka level competition is held, the same may be indicated as "NOT conducted" in that row.
- The details of participants (name, address of School, Language in which the presentation was made) from District level onwards is to be sent to Zonal Coordinator by September 15, 2017 positively.
- Kindly give details about any media coverage of the State / UT level event.

Officer In-charge  
State / UT Level Science Seminar - 2017