

**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 Science &amp; Technology Promises and Challenges</b> स्वच्छ भारत : विज्ञान एवं प्रौद्योगिकी की भूमिका संभावनाएं और चुनौतियाँ স্বচ্ছ ভারত : বিজ্ঞান ও প্রযুক্তির ভূমিকা প্রতিশ্রূতি এবং সমস্যা
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 : <a href="mailto:bitmnss2017@gmail.com">bitmnss2017@gmail.com</a> Website: <a href="http://www.bitm.gov.in">www.bitm.gov.in</a>
Date of Kolkata District Seminar	:	30 August, 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:
	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: 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 –

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