




**31<sup>ST</sup>**

**NATIONAL CHILDREN'S  
SCIENCE CONGRESS  
-2023-**

*RESLY ROY PARIONG*

# What is NCSC?

- ▶ It is a National programme.
- ▶ The seeds of this Programme were planted in Madhya Pradesh by an NGO called Gwalior Science Centre, which was later adopted by the National Council for Science and Technology Communication (NCSTC), Department of Science and Technology, GOI.
- ▶ Unique, Massive & Prestigious Flagship programme of DST to reach out to nook and corner of India.
- ▶ Aim to inculcate a scientific temper and initiate a culture of rational scientific exploration among children to seek scientific solutions for common local issues.

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- ▶ It provides children both from formal school as well as non-school going an opportunity to exhibit their ability to solve a societal problem experienced using the method of science i.e., observation, survey, experimenting and then arrive at inferences/conclusions.( finding facts in a scientific way)

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- ▶ Started in 1993 at Delhi.
  - ▶ Meghalaya joined in 1995 when it was held at Guwahati.
  - ▶ This is the 31<sup>st</sup> years in NCSC programme.
  - ▶ We request the teachers to help us in motivating the children.

# Who is eligible?

- ▶ Children in the age group of 10-17 years can participate in the programme.
- ▶ For simplicity of evaluation and opportunity of giving smaller children to participate, the age has been divided into 2 groups.
- ▶ Lower group- 10 – 13yrs 11mths 30days before the 31<sup>st</sup> of December.
- ▶ Upper group- 14yr- 17yrs before 31<sup>st</sup> December.

# Steps for doing CSC Project

- ▶ Children are required to take up field and result-oriented project relating to the theme.
- ▶ Projects are to be related to their immediate surrounding.
- ▶ Do a preliminary Observation, survey & Experiment the issues.
- ▶ Critically analyse the issues.
- ▶ Conclusion.

# What the Children have to do ?

## **They have to:**

- ▶ Form a group of 2 with-like minded children.
- ▶ Select a leader who will represent the group.
- ▶ Children can list activities which they would take up related to any of the sub-themes.
- ▶ Select only one activities which they think they can solve it and improved upon in future.
- ▶ All project should be within the sub-themes
- ▶ Decide the area to be taken up. (Nearer the better)

# What are the type of project that can be selected?

- ▶ There are Experimental, Survey and Experiment + Survey.

*Important:*

**THIS PROGRAMME IS ABSOLUTELY  
RESEARCH BASE  
NOT  
MODEL BASE**




# How to do a survey/Experiment ?

- ▶ For Survey based projects, children can make questionnaires having categorical answers viz 'yes or no', 'true or false'. The sample size should be at least 100 nos.
- ▶ In case of Experiment based project, creativity in the experimentation by using indigenous ways and means viz chemical like natural dye, etc. is more acceptable.
- ▶ In case of collecting sample, do not forget to put label on them mentioning date/time/place.
- ▶ In all the above methods, proper documentation of data in the log book is a must.

# Types of evaluation

- ▶ After completion of their work-They have to present:
- ▶ The projects are evaluated in 3 categories.
- ▶ 1. Project documentation
- ▶ 2. Oral presentation
- ▶ 3. Poster presentation.



**How to document a  
project ?**

# ORAL PRESENTATION

- ▶ Each project leader would be given some specific time (8mins + 2min interaction) to present the report.
- ▶ The group leader shall present the report.
- ▶ 4 numbers of charts to be prepared for presenting the work
- ▶ 2-4 Power point slides may be used in addition (no additional weightage will be given on using power point presentation.)

***Note:*** Children can present their projects in their own languages other than English and Hindi

# POSTER PRESENTATION

- ▶ Students should be asked to prepare not more than 4 posters to present the salient features and achievement of the project. (Any exhibition could be arranged for parents/teachers and visitors from nearby schools).
- ▶ What should contain in the Posters
  - i. Title of the project
  - ii. Sub-theme
  - iii. Name of project leader - age- Sex- class-address
  - iv. Names of co-worker - age-sex-class-address
  - v. Methodology
  - vi. data analysis ( representation in the form of a graph, etc.)
  - vii. Result, Conclusion Solution and follow-up action.
  - viii. Pictures if any.



▶ **Thank You**