

NATIONAL CHILDREN'S SCIENCE CONGRESS 2015

GUIDELINES FOR EVALUATION

The Judging panel for District Level Competition should be constituted by the District Coordinators by making use of the local experts/resource persons. While selecting the evaluators and resource persons (Judges) the following norms shall be followed.

- i. **Selection of Panelists/evaluators**
 - Evaluators should have knowledge of scope and aim of CSC activity.
 - The persons should have academic/professional knowledge/ expertise on the various aspects of focal theme and sub-themes.
 - There shall be a panel of minimum 2 evaluators for Written Project Report evaluation and a panel of 3 evaluators for Oral Presentation evaluation at District Level Competition. The project Log Book verification shall be an essential part of Written Project Report evaluation.
 - In a panel of evaluators at least one person should have had past exposure/experience in evaluating CSC projects and one person shall be a postgraduate in Physics or with Engineering degree and the one should be trained/practicing biological sciences. Others should have experience in science communications.
- ii. **Orientation of Evaluators:**
 - It should be ensured that proper Orientation of CSC Evaluators should be given before the District Level Competitions are held.
 - During Orientation, the Evaluators should be provided with the Activity Book of the CSC-2015.
 - During Orientation all the guidelines provided by KSCSTE and the National Organizers should be adequately explained and urged strict compliance.
- iii. **Evaluation**
 - Project Reports without duly filled Registration forms (Form A) certified by the Head of the institution/Principal/Head Master should not be accepted.
 - Projects without having any relation to the focal theme or to any one of the six subthemes should not be selected.
 - Projects without Log Book should not be accepted. The log book should be authenticated by the teacher guide.
 - The cover page of the project should be in English.
 - Each project should have one page Abstract in English.
 - Each project should have four numbers of Posters (which is mandatory). Posters must be prepared on 55 cm x 70 cm (21.6" x 27.5") drawing sheets (i.e. chart papers).
 - It should be ensured that separate evaluation of Written Project Report and Oral Presentation are to be arranged.
 - The Project Logbook should be evaluated along with the Project Report on the previous day or before the Oral Presentation in District level CSC.
 - During evaluation of the Written Report, the Evaluators should write their comments/queries on a separate sheet of paper and staple it with the project report. This would be a great help for the evaluators during oral presentation.
 - Though the project reports are to be reviewed separately, those along with the remarks should be made available to the evaluators during oral presentations.
 - The duration of oral presentation is 10 minutes (8 minutes for presentation and 2 minutes for questions from evaluators).
 - The average marks obtained from two evaluators of written report and three evaluators of Oral Presentation shall be consolidated in the final mark list.

- The approved Evaluation Proforma for NCSC 2015 will be forwarded from KSCSTE to the District Coordinators (*photocopies can be taken*).
 - KSCSTE shall send a member from the State Organizing Committee/Council as an observer to the District Level CSC. His/her signature on the selection list is mandatory along with Judges/ District Coordinators. Entire process of evaluation shall be monitored by this observer.
 - An appeal committee consisting of preferably DEO's/DD's may be constituted at the State level for dealing with any complaints of the participants during State/District level Competitions, the committee will dispose the same based on the evaluation parameters of NCSC-2015.
 - Evaluation sheets of the projects, both written and oral, must be forwarded to the next higher level, i.e. from the District to State and from the State to the National level.
 - At District level due appreciation of original ideas/innovative approach/methodology followed should be given priority. Tips on improvement of presentations shall be given to the participant before sending to the next higher level.
 - The following general criteria were adopted by the Organizing committee for the selection of projects from district level to state level CSC;
- iv. The Organizing committee has fixed a cut off mark of 70% for selecting the projects from District level Science congress to the State level. Such selection of projects shall be regulated @ 5 projects for the first 20 projects and thereafter one project for every next 10 projects.
 - v. The selection ratio of lower age group to upper age group of students should be 40:60 by considering overall projects presented and maintaining the quality of projects.
 - vi. Only two projects (one junior and one senior) from High School section and one project from Higher Secondary section will be allowed from a school to participate in the District level Children's Science Congress. If there are two or more projects from a school in the same category, there must be selection at school level by their own.
 - vii. Students from Kendriya Vidyalayas and Navodaya Vidyalayas are not allowed to participate in District level Children's Science Congress conducted by KSCSTE as they are considered as a separate category in the National level competition.
 - viii. Age proof certified by the Head of the Institution of all the students in a project shall be attached along with the Registration Form. The District coordinators must ensure that the age of the children in the junior group should not exceed 14 years and the children of Senior group should not exceed 17 years as on 31st December 2015.
 - ix. All the 5 members of the group/the project team are allowed in the presentation Hall in state and district level congress. But presentation will be done by the Group leader only. No members are allowed to accompany the leader during presentation at the stage.
 - x. Parents and Guide teachers are strictly not allowed in the presentation hall.
 - xi. Parents are not allowed to accompany the Students for State level NCSC.
 - xii. TA will be provided to the participating students, accompanying Guide teachers of the project and coordinators only.
 - xiii. Only the District coordinator, Academic coordinator and two teachers are allowed to escort the students from each district for the State level NCSC. Parents will not be allowed to escort the students to the programme.

- xiv. A certificate of participation has to be issued by the District Coordinator to all the participants at the District level CSC. For those projects selected to the state level competition, NCSC certificates specifying their grades may be issued.
- xv. A total number of 16 projects selected from the State level competition shall be participating in the National level Competition. The Evaluation criteria of National level selection have been modified by NCSTC from 2014 onwards (*see Activity Guide pp 23-25*).
- xvi. Out of the 16 projects selected from State level competition, the best three projects (one from junior and two from senior category) will have oral presentation at national level; all others will be having poster presentation only. At National level, Projects selected for oral presentation will be given certificate for Oral Presentation and the projects selected for poster presentation will be given certificate for Poster Presentation. Children who will qualify as outstanding after oral presentation will be given a 'Certificate of Merit'. However, all children irrespective of categories will be handed over medals/mementos as has been done in the past.
- xvii. Decisions of the State Organizing Committee shall be the final on the selection of Projects under CSC-2015.
- xviii. The District Coordinators are requested to complete District level congress in the month of October 2015 and shall submit the following documents to the State Co-ordinator on or before first week of November 2015.

- ✓ Feed-back Reports on all activities
- ✓ Details of the names, contact address of schools and number of projects at District Level Competition.
- ✓ Evaluation Sheets of written, oral and consolidated in original.
- ✓ Project Reports, Abstracts, Registration forms and Log Book of the selected child scientists in original.
- ✓ Photocopies of all Registration/Attendance Sheets for all Workshops/Meetings.

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State Co-ordinator -NCSC-2015

Oral presentation

Oral presentation at the technical sessions of the congress is a very important component of the entire process. Effective communication during the briefing of the issues of study, its objectives, methodology adopted for the study, important observation and findings, vital aspects on the way and approach to solve the problem or addressing the problem is a very critical part of the exercise, since only 8 minutes' time is allotted for the purpose. Therefore, one has to plan pragmatically for this purpose.

Poster presentation

Children can use 4 different posters (which is mandatory) to make their presentation easier, clearer and richer. Posters must be prepared on 55 cm x 70 cm (21.6" x 27.5") drawing sheets (i.e. chart papers). If needed power point presentation may be used. Your posters should contain bulleted points/information on (1) The project title, (2) Names of the group members, (3) Objectives, (4) Map of the area, if any, (5) Methodology, (6) Results, (7) Conclusion, (8) Solution to the problem. Depending upon the nature of the project the poster may or may not have a map and/or results.

It is MANDATORY for the projects selected for Oral Presentations at National Level to have the following;

- i. The cover page of the project should be either in Hindi or English.**
- ii. Each project to have one page Abstract in English.**
- iii. Four numbers of Posters as per the instructions provided in the activity guidebook.**
- iv. Properly maintained Log book along with written report and posters.**

These instructions are to be followed strictly else the project would not be evaluated at national level.