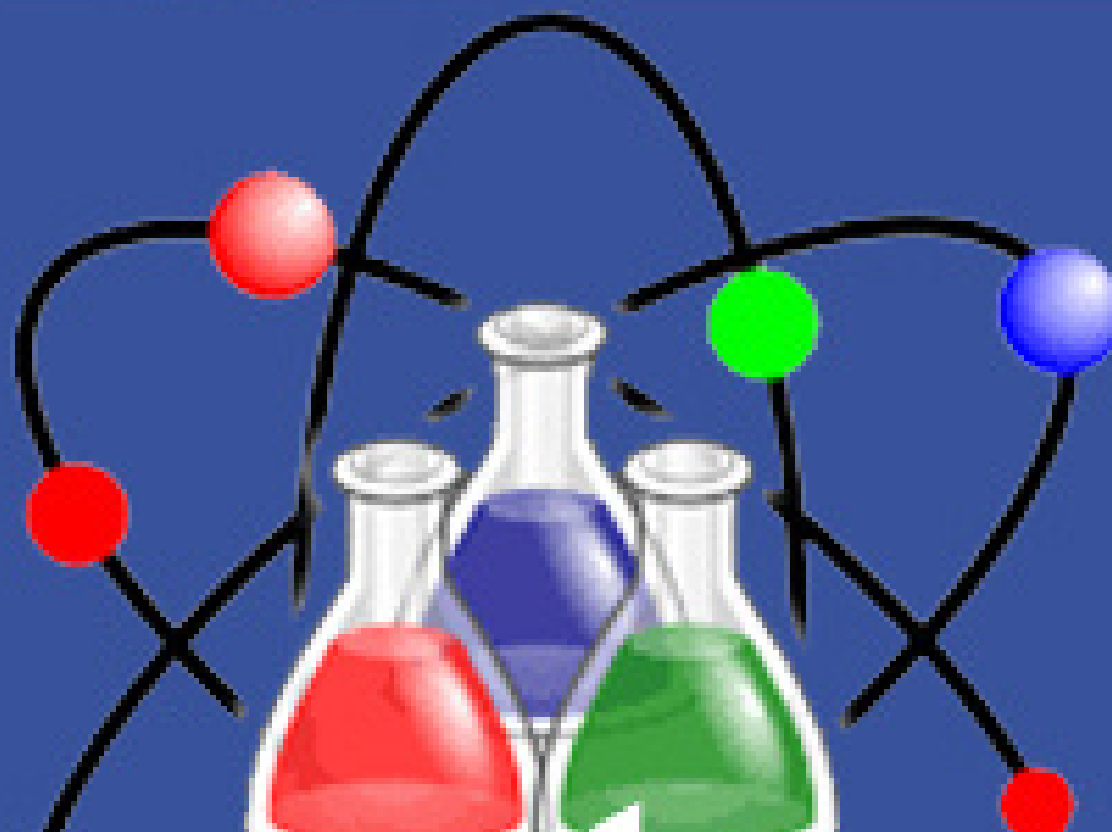




CBSE
SOUTH ZONE
SAHODAYA COMPLEX



Spectrum

22

JANUARY 13
2022

Venue:

Sabarigiri
International
School
Trivandrum

Njandoorkonam
Near Powdikonam.

MANUAL



Sir / Madam,

Greetings from Sabarigiri International School Trivandrum

Sabarigiri International School Trivandrum in collaboration with **CBSE South Zone Sahodaya Complex-** is highly delighted to invite you to witness and participate in the Science Exhibition- **SPECTRUM 2022** ; which is happening at our school premises. It will be organised on **13th January 2023** between 10:00 am to 03:00 pm.

We believe that strides of science and technology alone, can liberate our children in the modern world. The preparations of the exhibits are an exhilarating experience for the children which will be offering solutions to many present and potential socio-economic problems.

I am sure that, with all of us working together as a team, we will be able to make the **SPECTRUM** a memorable event. I look forward to your kind support and cooperation right from the start to the end.

Kindly ensure your participation by sending the duly filled-in entry forms before **30th December 2022**.

We look forward to your gracious presence to encourage the children and bless them as well as to make the programme a grand success.

With Regards,
Principal

MANUAL

SPECTRUM 2022-23

SCIENCE EXHIBITION BY SOUTH ZONE SAHODHYA COMPLEX

Explore, Exhibit, Excel.....

In this 'revolution era' even to stand where we are, it is best to learn something new every day. South Zone Sahodaya CBSE, is giving a platform to ignite scientific temper and inculcate experiential learning.

Let us impart and encourage creative thinking and develop psycho-motor skills among school students through self-designed models. It is an honour for us to have the privilege of hosting Science Exhibition- Spectrum 2022-23 on behalf of South Zone Sahodaya Complex.

The Theme and Sub-Themes for the Science Exhibition for 2022 – 23 are:

THEME	SUB-THEMES
Sustainable Development	<ol style="list-style-type: none">1.Environmental issues: causes and consequences of climatic change;2.Biological Science in Human Welfare3.Alternative energy (green energy)4.Artificial Intelligence in Sustainable Development5.Mathematics for a sustainable world.

GENERAL GUIDELINES

- The students may participate in any of the 02 categories:
 - Category I – Classes 5&6
 - Category II – Classes 7 & 8
 - Category III – Classes 9& 11
- Only Students from schools which are affiliated to CBSE and having membership in SZSC shall participate in the Exhibition
- The participating schools can sponsor two teams in each category (one for the working model and the other for the still model). A team will consist of two students
- A student from a lower category cannot compete in a higher category and vice versa
- Participants without registration will not be allowed to participate
- A registering school should be accompanied by a mentor teacher
- The participants are not allowed to change the theme under any circumstances
- Schools willing to participate need to register through an online link and remit fee @ Sabarigiri International School on 07/01/2023. The names of the students and the mentor teacher should be entered in the link provided below
<https://forms.gle/EGrrFzcXXNNgCNCD6>
- Participant school have to submit their Model abstract (title, description, list of materials used) and required number of electric points on 07/01/2023
- Schools must carry their own extension cord, pins, masking tape , scissors, chart papers, markers , cello tape etc
- Commercially prepared kits or models will not be entertained
- Students are solely responsible for the security and safety of their equipment
- No hazardous , toxic or flammable materials are to be used
- The models may include
 - a) Working model to explain a concept, principle or process
 - b) Still model based on the principles of Science / Technology
- Charts can be used as a supplementary resource for explanation only
- Time limit for explanation and demonstration of the model is 3 to 5 mins
- Care should be taken to use eco-friendly materials in the preparation of exhibits. Thermocol and plastic should be avoided
- Walls should not be damaged

- There will be no particular timing for lunch break. As and when one particular category judgment is over, the school mentor can take the students for lunch
- The exhibits will be assessed by a team of experts as per the following criteria:
 - Creativity and imagination 20%
 - Originality and innovativeness 15%
 - Scientific thought/ principle/ approach 15%
 - Technical skills, workmanship, craftsmanship etc 15%
 - Educational value, scalability and utility for society in future 15%
 - Economic (low cost), portability and durability 10%
 - Presentation – effectiveness of display and relevant explanations 10%
- The decision of the experts would be final
- The last date of online registration for SZSC -SCIENCE EXHIBITION SPECTRUM is 30/12/2022 and the last date for any correction will be on 07/01/2023
- The Mentors from the respective schools are requested to come to Sabarigiri International School, Trivandrum on 07th January 2023 and check the list of participants of the respective schools. The list will be finalised on 07 January
- The registration fees of Rs. 200/- (by cash) per participant should be paid on the same day. The registration process is from 10.00am to 2.00pm. Please note that no more corrections will be allowed after the mentioned date
- The participant school team should report the venue at 8:30 am on 13th of January 2023, for arranging their exhibits
- The participants should be in their full uniform with ID cards
- All the participating schools should be present for the inaugural function at 9.30 am and the valedictory function at 4.30 pm
- The participating school/ team will have to bear all expenses related to participation in the event
- Sahodaya shall appoint judges for the event
- Certificates and prizes will be given to the winners
- Participation certificates will be given to all the participants
- Only School vehicles will be allowed to park in the school premises
- The schools are also notified that the booking for the food coupons can be availed on advance payment on 07/01/2023. The rates for the food coupons are mentioned below:

Breakfast – Rs.50/-

Lunch – Rs. 120/-

Tea & Snacks – Rs. 25/-

- For any queries, you may contact convenors or email @ **2023spectrum@gmail.com**

All the Schools are requested to encourage participation of students in the Exhibition. This activity not only develops scientific approach amongst learners but also gives them a chance to develop and test innovative solutions to real life challenges.

With Best Wishes

At a Glance

Last Date for online registration : 30 December 2022

Date for any correction: 07 Jan 2023

For More Details

Principal : Ms Annie Francis -7012117199

Convenor 1 :Ms Menna Paul - 9846221036

Convenor 2: Ms Sajitha S Pillai - 8050213307

Email: 2023spectrum@gmail.com

