

What is Avishkar?

Avishkar aims to provide an opportunity to the students to sharpen their intellectual power. Questions based on the +2 level syllabi of Physics, Chemistry, Biology, Mathematics, General Knowledge in Science and scientific attitude will be asked. Awareness of current affairs in Science and knowledge of the exhibits of the Nehru Science Centre will also be tested.

How to participate?

Fill up the entry form, enclosed with this pamphlet, correctly and send it

To,

Ms. Neelam Parab

Co-Chairperson, Science Association,

Smt. C.H.M. College,

Ulhasnagar-421 003.

The details of entries can be mailed to:

E-mail-sa16.chm@gmail.com

Rules & Regulations:

- ❖ Each college can send entries for only two teams.
- ❖ The number of participants, per team, must be two.
- ❖ All registered teams will have to appear for three different phases of Elimination Round.
- ❖ **Entry fees of Rs. 200/- per team must be paid at the time of registration on the day of event.**
- ❖ All participants must be from the Science faculty of either a Junior College or Polytechnic College and must possess valid identity card during the program.
- ❖ Only one substitute in a team per college will be allowed and shall be accepted with a letter from the head of the institute and a valid Identity card.
- ❖ In case of a tie between two teams, new set of questions will be produced until the tie breaks.
- ❖ Team-mates are requested to discuss among themselves before giving the final answer.

- ❖ The Quiz-Master's decision will be final.
- ❖ All Participants must abide by the final decision.
(Team may be accompanied by one teacher)

Last date of submitting entry forms: 6th Dec., 2018

Details of Rounds

Elimination round:

Date: 7th Dec., 2018

**Venue: Auditorium, Nehru Science centre,
Mumbai- 400 018**

Registration Time: 09:30 am

Programme Time: 10:30 am

PHASE 1: Gallery round

Participants will have to observe the exhibits and information of all the following galleries, to answer the multiple choice questions based on them. **The teams will be provided free entry, 10 days prior to the Elimination round, by showing this pamphlet at the entrance gate of N.S.C for viewing the galleries.**

Galleries are as follows:

1. Sounds and hearing
2. Light and sight
3. Hall of aerospace
4. Science for children

PHASE 2: Movie round

Participants will have to answer questions based on scientific movie shown to them.

PHASE 3: Visual Round

Participants will be shown pictures of certain scientists and they will have to identify them.

Top 12 teams according to total scores in the Preliminary Round shall qualify for the Semi-finals.

Semifinal

Date: 15th Dec., 2018

Venue: Smt. C.H.M. College, Ulhasnagar-421003

Time: 10:30 am

Semifinal rounds:

1. Oration: Both the participants of each team must speak in coordination on one of the following topics for 3 minutes.

Topics:

- a. Effect of robotics on us in next twenty years.
- b. Is stem cell research a good or bad idea?
- c. Has technology made the world smaller or bigger?
- d. Desalinating Water for future supply.

2. Pick your favorite:

- a. Astronomy
- b. Metallurgy
- c. Biotechnology
- e. Environmental science
- d. Computer science
- f. Nobel prizes

3. Unveil the truth: Explain the component of science or principle in the working of the device/object/setup in front of you.

4. Four Pic. One Word: Each team will be shown four pictures and a jumbled letter word. Teams will have to make a proper word.

5. Brain teaser: Questions based on logical thinking.

6. Third eye: Identify the visuals.

7. On the hot seat: Questions will be asked in quick succession within a fixed time of 60sec. Maximum Questions to be answered.

Top 4 teams from the Semi-finals will qualify for finals.

Finals:

Date: 21st Dec., 2018

**Venue: Auditorium, Nehru Science Centre,
Mumbai- 400 018**

Registration Time: 10:00 am

Programme Time: 10:30 am

Final Rounds:

PHASE 1: Construction Round

Out of the given pieces, items have to be constructed in desired shapes.

PHASE 2: Quiz Rounds

1. Test Your Specialization:

- a. Health and Disease
- b. Space Science
- c. Information Technology
- d. Mathematics
- e. Chemistry In Everyday Life
- f. Inventions and Discoveries

2. Google-Doodle: Identify the doodle shown on the screen.

3. Escape The Dynamite: Identify the logical mistakes in the given information.

4. The Scientist Within You: Observe the experiments and look for the scientific reasons.

5. Speed Breaker: Answer as many questions as possible in 60 sec.

6. Buzzer Round: Visuals

-:Prizes:-

Winning Team : Rs. 2000 & Trophy

1st Runner-up : Rs. 1500 & Trophy

2nd Runner-up : Rs. 1000 & Trophy

Consolation Prize : Rs. 500

Certificates will be given to all the participants

**Prize distribution ceremony will be held on
21st December, 2018.**

For further enquiry, please contact:

Mrs. Bharti Thakur

Mob: 9323819386

Mrs. Ritu Bajaj

Mob: 9421577188

Ms. Raashi Harjani

Mob: 7039291793



**Smt. Chandibai Himathmal Mansukhani
College, Ulhasnagar**

In Collaboration with

Nehru Science Centre, Mumbai

Presents

AVISHKAR 2018-19

**An Intercollegiate Science Quiz Competition
for Junior College Students.**

7th, 15th & 21st Dec., 2018

**Venue: Nehru Science Centre,
Dr. E. Mosses Road, Worli,
Mumbai- 400 018.**

Organized by

Science Association

Mrs. Asha Chugh
Chairperson

Ms. Neelam Parab
Incharge, Co-Chairperson

Prof. Ashwini Gokhale
Patron, Vice Principal

Dr. Manju Lalwani Pathak
President
Principal Incharge