

# Atoms to Astronomy:

## General Rules:

1. The Event will be conducted in two rounds Prelims and finals.
2. A maximum of 5 teams from each pool with only 2 members per team can participate. Registration is on the spot.
3. The points of prelims will be carried forward to the finals, with a predefined weightage.
4. This event will be a 'Team Event' i.e. the points will be awarded to teams irrespective of the pool to which the team belongs.
5. A set of theoretical problems on Astrophysics would be handed on spot during prelims. This round has a set of many problems which are theoretically easy.
6. The Second round is expected to be a harder version of prelims and any further clarifications will be made onsite.
7. Cheating in any form will not be tolerated and the team will be disqualified in such cases. The coordinators and the jury will reserve the right to disqualify the teams in this scenario.
8. In case of any disputes, the decision of the Astronomy Club coordinators will be final and binding.

## Format of the event:

**Prelims:** Some astronomy/astrophysics related problem statements will be handed to you. Judging will be conducted on the basis of the accuracy of the solutions provided. Star marked questions will be used to resolve ties if required.

**Finals:** In case you assume some data, which is not trivial according to the question, a proper mathematical justification is required to support your assumption and solution. Unnecessary assumptions will be downgraded, if we feel so. Judging will be done based on overall solution presented.

# Astro Treasure:

Astronomy Club introduces yet another mind-boggling event which will be based on a set of intriguing cryptic astronomy puzzles. A huge iceberg may be hiding behind the tip that you see, you may find yourself searching for a pin in the haystack, you may be fiddling with saturn's rings while orion's belt is where you need to be... just remember, the answers are hiding at the most unexpected of places. Try not to get befuddled!

## Format of the event:

1. This is a team event and every team consists of at most 3 members each. (At least 2 of them should be Y19)
2. Any number of teams can participate from each pool.
3. The duration of the event will be 3 Hours (could be changed later) in which you have to solve cryptic questions which will be given on the spot.
4. The exact structure of puzzles will be communicated to the participants during the competition itself.
5. Cheating in any form will not be tolerated and the team will be disqualified in such cases. The coordinators and the jury will reserve the right to disqualify the teams in this scenario.
6. In case of any disputes, the decision of the Astronomy Club coordinators will be final and binding.

**Note:** You can use the internet or any other resource to find answers to the questions. So Participants are advised to bring Laptops or Mobile phones.