

Lost in the Dark:

This event will consist of two rounds:

In the first round teams will be shown images of some deep sky objects or astronomically relevant objects and they will have to identify the objects.

The second round will be more challenging, somewhat physics based. The problem statement roughly is this: The teams are space explorers and have been trapped in a life threatening situation outside of any possible communications. They have to rescue themselves by providing solutions to a series of problems.

Rules and Regulations are as follows:

1. This is a team event open to all batches. A team of at most 3 members will be made. (At least 2 members will be from Y19)
(below details are for the second round)
2. There will be a few problems which have to be solved within a duration of 2 hours.
3. After solving every question, you will get a new question and the pool with maximum points at the end of time will win the competition.
4. The questions may also include simulation of night sky on the planetarium along with direct application of astronomical knowledge for solving the given problem.
5. Every answer will include an abstract (written/verbal) about how the pool arrived at the solution.
6. Every team is allowed at most 2 hints in a question and at most 5 hints for the entire competition. Each hint will reduce the points earned by that pool by 50% for that question (i.e. if you answer after taking only one hint, you will be awarded 50% of the points and if you take another hint for the same question, you will awarded only 25% for the correct answer).
7. You may bring transparent writing pads, calculators and pens of your own for the competition whose venue will be the Astronomy Club room and time will be conveyed through Takneek website.
8. The team, which fails to reach the venue on communicated time, shall be disqualified. Any team trying to aid other teams shall be disqualified without any discussion. Since the competition will be held in Astronomy club, it is every team's responsibility to ensure that their answers do not leak to their neighbouring pools.
9. Point system and judging criteria for the answers will be communicated on the spot.
10. In case of any dispute, decision of Astronomy club shall be final and irrevocable.