



SCIENCE AND TECHNOLOGY COUNCIL

TAKNEEK '18

ON THE SHOULDERS OF GIANTS



Atoms to Astronomy

Team Event

Points: 40

A maximum of 5 teams from each pool with only 2 members per team can participate. Registration is on the spot.

The Event will be conducted in two rounds. The first round will carry 40% weightage in overall tally, while the second round will carry 60%.

Round I:

1. A set of cryptic astronomical puzzles will be handed on the spot.
2. The round will be of 2 hours and 30 minutes duration.
3. You can use internet or any other resource to find answers to the questions.

Round II:

1. A set of theoretical problems on Astrophysics would be handed on the spot.
2. This round will also be of 2 hours and 30 minutes duration.
3. Calculators may be used, but use of internet or any other resource is prohibited during this round.
4. Judging will be done on the basis of the accuracy of the solutions provided. Star marked questions will be used to resolve ties if required.
5. 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.

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.

In case of any disputes, the decision of the Astronomy Club coordinators will be final and binding.

Note: Teams should bring their own laptops/mobile phones/books for the first round, and calculators for the second round.

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