

BUILD A SKY-GAZER

Description

The event is based upon creating or building a type of telescope based upon the conditions given.

Problem Statement

- Each team should consist of maximum **2-3 members**.
- Build a telescope which has all the essential components.
- Every team has to submit a draft or a plan regarding their telescope to the Cepheid club regarding the design of their telescope. Cepheid club accordingly will provide the components required for every team to build their telescope.
- After the buying of components, an official receipt of the purchase will be given to the participants. Participants will have to give the money to club in return for the components.
- The telescope should be built completely by the participants themselves (no readymade components like telescope casings should be used in this case).
- Should there be any discovery of the violation of above point; the participant will be immediately disqualified.
- The time provided to build the telescope at the time of event will be maximum two hours.
- The telescope will be judged mainly upon the following points-
 1. Magnification.
 2. Clarity of image.
 3. Aberrations.
 4. Overall design.