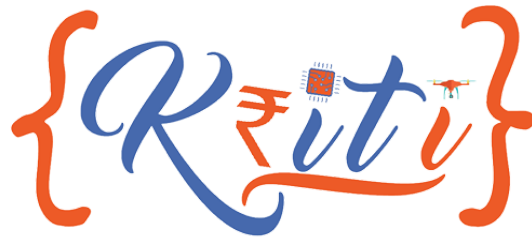




Technical Board  
IIT Guwahati



## Star Party

GC Points -- 250  
Venue -- New SAC Terrace  
Last Updated Date -- 24 / 10 / 2019 - 30 / 10 / 2019

### Contact Details

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## Introduction

- ❖ The competition will consist of two rounds.
- ❖ The teams will be ranked based on their combined performance in both rounds.
- ❖ This competition will mainly test the participants' familiarity with the night sky and telescope handling skills.
- ❖ The participants may use Stellarium for practice but not during the competition.
- ❖ **Duration:**
  - **Round One:** 15\* minutes per team.
  - **Round Two:** 20\* minutes per team (3 slots of 20 minutes each).

\* represents that this quantity may change according to the situation and organizer's judgement.

## Details

- ❖ **Round One:** *Walking in Babylonian shoes*
  - In this round the participants will get 12 problems.
  - This round requires you to have an understanding of the sky, ability to approximately estimate astronomical coordinates, and to spot constellations, stars and other objects.
  - The number of points awarded for each answer depends on how close it is to the actual answer.
  - Further details will be informed just before the competition.
- ❖ **Round Two:** *The Galilean leap*
  - The participants will be given 4 messier objects and they are supposed to show the given objects in the field of view of their telescope.
  - The team which is able to spot a greater number of objects will be placed higher.
  - In case of a tie, the number of attempts to spot the objects will be taken into consideration.
  - The participants are supposed to bring their own telescopes.
  - Star charts will be provided by us [*the organizers*]. No other resources are to be used during the competition.

## Rules

- ❖ The team size should be kept at a maximum of 3.
- ❖ There must be a minimum of 1 first year student in the team.
- ❖ The participants should bring their own telescope for round two.
- ❖ If the situation is that desperate, the participants may use Astronomy Club's 76mm aperture telescope in exchange for half of their total points in round two.
- ❖ No resources other than the star charts provided are allowed to be used.
- ❖ Being caught using any other resource like sky map apps, etc is instant grounds for disqualification.