



Technical Board
IIT Guwahati



Amateur Analysis

GC Points – 250

Number of Participants - 2

Final Date – 6th October 2018

Venue – Conference Room, New SAC

Last Updated – 10: 42 | 21/09/2018

Contact Details

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Overview

This competition is intended to test the participants' ability to extract the maximum amount of useful information about an astronomical object using the surveys available with [NASA SkyView](#). The submissions will be judged by a professor from the Department of Physics, IIT Guwahati. Equinox will conduct an introductory workshop on generating imagery in SkyView and using those images to draw useful conclusions about an object. 10 minutes will be allotted for presentation per team followed by 5 mins for questions.

Details

- All teams will be given 2 objects to analyse.
- The teams have to make a report and give a presentation about the same.
- The report should have three sections:
 - Images used for the analysis with the technical specification that are displayed along with the image in SkyView.
 - Key features of the given object that can be concluded from the images.
 - Reasoning and proper explanation of how the claims in the key features section was made using the images obtained earlier.
- The conclusions must be drawn using only the SkyView images that the participants created themselves.
- This report should be submitted via email to equinox.iitg@gmail.com before the deadline. [This is so that the judge can go through your report properly and judge you fairly].
- At the time of presentation, the participants have to bring a printed copy [images preferably colour printed] of their reports along with a presentation which you will use to explain your analysis.

Rules

- A team may have maximum of 2 participants.
- All the conclusions must be drawn using only the SkyView images that the participants created themselves.

- Plagiarism is to be avoided at all costs and you must be able to explain everything you have written in the report. The report will also be checked for plagiarism online and points will be deducted if a team is found to have copied from some source.
- The images also should be originally created by the participants and not copied, the judges can tell the difference and secondly, creating these images is quite easy.

Common rules and additional information

- In case of any conflict, the decision of the secretary is final.
- Any changes/further information regarding the event will be conveyed to the respective technical secretaries.

Keep looking up!



12 Hostels, 7 Days, 1 Title!