



Astrophotography

Pool Event, Open-To-All

Points: 25

General Rules and Regulations:

1. This will be a pool event.
2. There will be 2 parts in this event.
3. The participants will have to know how to use a telescope and a DSLR camera before they come for the event.
4. All photographs taken should be taken in RAW format.
5. The participants of stage B may be asked to explain the technique they have used in processing the images.
6. Any delay of more than 5 minutes from the slot provided will lead to the disqualification, unless any of the astronomy club coordinators is informed at least 30 minutes before their respective slot.
7. In case of any dispute, the decision of the Judges will be final.

Event Structure:

This event will be conducted in 2 parts

A. Star Trail

- A maximum of one entry will be allowed per pool.
- The pools will have to convey a word through their photograph using star trails.
- The word should be innovative, must contain at least 4 letters and should represent your pool.
- The final processed image should have a total exposure of at least 45 minutes.
- All of the unprocessed (in RAW format) and the processed (PSD format) photographs should be submitted by 12:00 noon am 30th August.
- The layers in the final PSD file must not be merged.
- The photographs should be taken on or after 28th August.



B. Image processing

- All the teams will be given a set of photographs which they will have to process and submit.
- The softwares used must belong to the following list:

i. CorelDraw

ii. MsPaint

iii. Shotwell Photo manager

iv. Microsoft Picture Manager

v. Registax

vi. Starstax

vii. Adobe Lightroom

viii. Adobe Photoshop

ix. AstroArt

- Further details will be provided when the images are distributed to the teams

Judging:

1. Both the rounds will have equal weightage.

2. The factors that would be taken in to account would be

a. Focusing, framing and contrast of photograph accounting for 80% of points and innovativeness of word accounting for 20% of points for A.

b. Noise reduction, enhancement and contrast for B.

3. Judging will be done by a professional Astrophotographer outside of IIT Kanpur.

General Instructions:

- Everyone who wish to participate in these events are advised to attend the lecture and/or workshop that will be conducted
- Participants can have practice sessions in the club. They will have to inform the coordinators

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