



The Astrophile Newsletter

One Fond of Starlore: An Amateur Astronomer

Insta: [@astrophile_edu](#); Facebook: [@astrophileeducation](#); Twitter: [@astrophileedu](#)

A competition for innovative thinkers

Space enthusiasts and future of mankind will look in to possible space settlement solutions for the life in distant future

Set up in the distant future, after the resources are exhausted and global warming is threatening the life on the planet, the students act as the architects of the future and design a settlement in the solar system for continuity of life in the universe.

The students will be given challenges to work around and with the knowledge of science, engineering and business they have to come up with solutions to make this happen. The students will have to submit the ideas with proper working solutions and costing in the stipulated timeline.

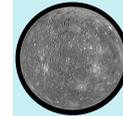
The competition will be conducted in three rounds and will be conducted across India to promote scientific temperament and creating awareness about space habitat. For more details visit: <http://dsssec.astro-phile.com/>

Moon phases and dates

Important phases and dates for Moon to plan your observation

04/02/21	Third Quarter	23:07	
12/02/21	New Moon	00:35	
20/02/21	First Quarter	00:17	
27/02/21	Full Moon	13:47	Snow Moon

Arun and Sons Innovations (OPC) Pvt. Ltd
New Delhi
CIN:U74999DL2018OPC328882



Mercury

Mercury will be visible in the early morning in the beginning and towards the morning in the late of February.



Venus

Mercury will be visible in the early morning in the beginning and towards the morning in the late of February.



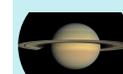
Mars

The red planet will be visible in the evening hours till late night and shine very bright in the sky this month.



Jupiter

Jupiter will not be visible this month as it is extremely close to Sun after its conjunction with Sun this February. It will return to morning skies in March.



Saturn

Saturn will not be visible this month as it is extremely close to Sun after its conjunction with Sun this February. It will return to morning skies in March.

Online Astrophiler's Club for in school club activity



ASTROPHILER'S CLUB



Astronomy Club for Astronomy Enthusiasts

Key Highlights:

- 12 Online Lectures
- Valid for 12 months from date of registrations.
- Astro Trips to dark locations*
- Participation in competitions, events, projects, conferences etc.
- Live interactions with astronomers and space scientists
- Learn about space science from the experts.
- Forums for discussions, event updates, sky chart updates.
- Certificate of participation for all registered members.
- Discounts upto Rs 10,000/- on purchase of astronomy services and equipments from allied partners*



Registrations open for grade 6 onwards.
*visit astro-phile.com for more details

astro-phile.com
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[astrophile_edu](https://www.youtube.com/astrophileeducation)

Stargazing session to be conducted for schools



The pandemic has shown that even though the usual life will halt in extreme situations, education will not and should not stop. We are committed to provide resolution to the needs of students across the country.

In December, we launched Astrophiler's Club for students to enrol and learn astronomy in a year long structured and scheduled manner. With the success of the same, we are happy to extend the same to the schools like regular astronomy curriculum except that this will be conducted online for the near future.

The club will be developed in a way that the sessions can be conducted in offline manner as and when the situation is conducive. Weather online or offline, the club will be created in school and the students will be able to take great benefits as a member and continue to learn. Visit <https://astro-phile.com/astrophilers-club/> for more details.

Astrophile Educations services will be organising stargazing sessions for the schools and students at our campsite in in various states. As the schools are resuming for grade 6 to 12th where the students will be coming back to school like pre-covid times, the stargazing sessions will help them come out happier and healthier when they spend such outings with their friends.

Orion, Andromeda and many more objects can be seen in coming months including Moon, Mars and Milky way galaxy through our modern and professional equipment.

Our team and the camp staff will ensure you will stay healthy and enjoy blissful evenings while learning.

The campsites are neatly sanitised and we will be following stricter restrictions following the guidelines by the GOI. These guidelines will ensure we are safe and sound and have a learned an eventful time at the campsites. Contact us for more details.

BRING BACK DARK SKIES - CITIZEN SCIENCE PROJECT FOR EVERY INDIAN

Science is for the benefit of the community and hence the participation of community is very important. With that in mind, Astrophile Education Services started a Pan-India Citizen Science Project called "Bring Back dark Skies".

The project encourage participation from the people even if they have very little or no knowledge of the sky. The participation require oneself to measure the amount of light pollution by counting the number of stars visible in a specific constellation during the moonless time of the month and report the same back to us on our website.

The projects aims to collect the data of stars visible in the sky by estimates the amount of light pollution in your area. The estimations and the study will be provided to various state and central government departments which can help us eradicate the light pollution and hence bring back the dark skies so that more and more people can enjoy the majestic skies.

Light pollution has slow but harmful effects not only on humans but also on birds, animals and insects. The ambient light has affected the pattern of humans and animals a like and this irreparable damage will only get worse in the times to come.

To learn more about the same, please visit: <https://astro-phile.com/bring-back-dark-skies/>

