



The Astrophile Newsletter

One Fond of Starlore: An Amateur Astronomer

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

Khagol Darpan Scheduled for October 4-6,



KHAGOL DARPAN 2021

An Online Platform For All Serving Astronomy

PROFESSIONAL • AMATEUR • STUDENT • ENTHUSIAST • CORPORATE

OCTOBER 04 - 06, 2021 10:00 AM - 09:00 PM*

Free Registration



Learn about the upcoming Scientific Projects



Learn about the International Collaborations



Learn about the future opportunities for students & Amateurs

Key highlights of the Event

- India specific and India centric event.
- A common platform for Amateurs, Professionals and Enthusiasts
- Learn from Industry Experts about the latest developments.
- Explore opportunities for better growth and learning.
- Find collaboration opportunities and partners.
- Follow-up activities around the year for sustainable projects.
- Make a road-map for career in Astronomy & Space Sciences

Participate in ZOOM Discussions or watch it live on YouTube

To know more, visit and follow us here: khagoldarpan.astro-phile.com • khagoldarpan@gmail.com • +91-9315191335

An online meet of professionals and amateurs for the benefit of students across India and for their love for sky.

Astrophile Education Services is proud to announce our first #AmPro meet Khagol Darpan 2021 scheduled to be organised from October 4-6, 2021 in an online module. The event is expected to be attended by thousands of students from all over India, listening to the speakers from various research institutions, academic institutions and amateur astronomy clubs.

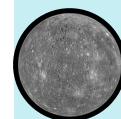
The event is being organised as a tool for the students to interact with the professional and experts in the fields to learn about possible opportunities for them to collaborate or assist. This will open up many possibilities for research oriented and motivated students to find the starting point in their career.

Other students can also learn about ample possibilities and opportunities which they were not aware of earlier and share their career better.

Moon phases and dates

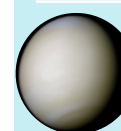
Important phases and dates for Moon to plan your observation

08/08/21	New Moon	19:20
15/08/21	First Quarter	20:49
22/08/21	Full Moon	17:31
30/08/21	Third Quarter	12:43



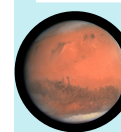
Mercury

Mercury is in the morning skies, rising with the Sun. It is not advised to look at Mercury due to its proximity to Sun.



Venus

Venus is shining bright in the evening skies, and setting a little after Sunset. It will be visible for a few weeks in the evening skies.



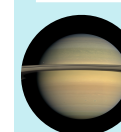
Mars

The red planet is diminished with its proximity to the Sun in the sky. It is setting with the Sun these days and not advised to be looked upon.



Jupiter

Jupiter is rising late in the evening and shining bright in the night sky offering a great views of the planet system to the observers.



Saturn

The ringed planet is visible throughout the night. The ringed planet is appearing splendid in small telescopes.

August celestial events are a charm for stargazers



- 02/08 - Saturn at Opposition, rising with Sunset and setting with Sunrise.
- 10/08 - Mars and Moon about 4 degrees away.
- 11/08 - Venus and Moon about 4 degrees away.
- 12/08 - Perseids Meteor Shower will be peak on the morning of Aug 12 with up to 150 meteors per hour from dark sky location.
- 19/08 - Mercury and Mars will be visible early in the evening with just half a degree away (size of moon in the sky)
- 20/08 - Jupiter at opposition, rising with Sunset and setting with Sunrise.
- 21/08 - Moon and Saturn about 4 degrees away in the sky.

Register in Khagol Darpan from Aug 15



The #AmPro meet Khagol Darpan is scheduled for October 04, 2021, on the occasion of World Space Week 2021. The school students can register for FREE on our website

The registered students will get a chance to participate in the ZOOM meetings where they can interact with the speakers and ask questions directly.

We are also inviting the schools to register for individual sessions with the experts subject to availability of time and age group. Visit the website for more details.

For more information kindly write to the specific team at khagoldarpan@gmail.com or visit khagoldarpan.astro-phile.com

BRING BACK DARK SKIES – CITIZEN SCIENCE PROJECT FOR EVERY INDIAN – PH 12: JULY 30–AUG 08

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/>

