

MAKING 'IIT' A SPECIAL EVENT

OUR STAFF REPORTER
Indore

Department of Astronomy, Astrophysics & Space
Engineering holds online live stream session

IIT Indore, through the Department of Astronomy, Astrophysics and Space Engineering (DAASE), marked the Annular Summer Solstice Solar Eclipse on Sunday by viewing the celestial event through telescopes specifically made for the purpose.

DAASE, IIT Indore organizes regular events for eclipses and other major astronomical phenomena and invites schoolchildren and others to witness. The last such event was held on December 26, 2019.

FACTS UNECLIPSED

- Solar eclipses help in providing precise estimates of the solar diameter and lunar shape and ephemerides.
- It provide an excellent opportunity to study the plasma and its propagation properties in the Sun's limb.
- Total solar eclipse can be used to probe the ionospheric re-combination and solar ionization in a very precise manner as the moon blocks the Sun's radiation.
- Also helps to quantify the role of solar irradiance on lower atmospheric phenomena such as formation of cloud and surface/air temperature.

This year, due to the pandemic, the department held the event online through live streaming, ensuring the safety of all involved.