## Partial Solar Eclipse on 21st June 2020

Udaipur Solar Observatory witnessed a Partial Solar Eclipse on Sunday 21<sup>st</sup> June 2020, that also coincided with the day of summer solsctice. The first point of contact occurred at 10:07:37 IST and the maximum ingress was at 11:47:10 IST when the moon eclipsed 85.7% of the Sun's diameter. The last point of contact was at 13:36:59 IST. During these phases the Sun's elevation with respect to Udaipur was 56°, 78.5°, and 76.3°, respectively.

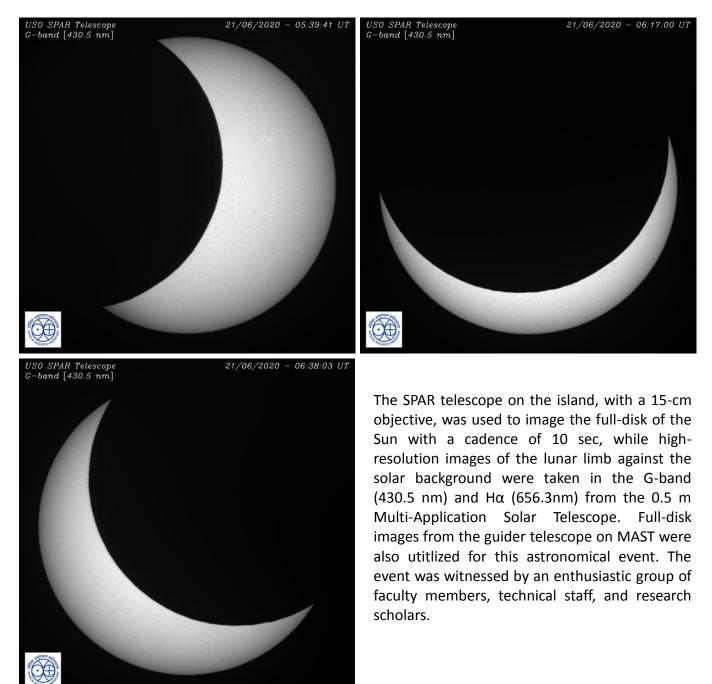


Fig.1 – Phases of the partial solar eclipse taken with the SPAR Telescope which show the passage of the Moon over the full disk image of the Sun.

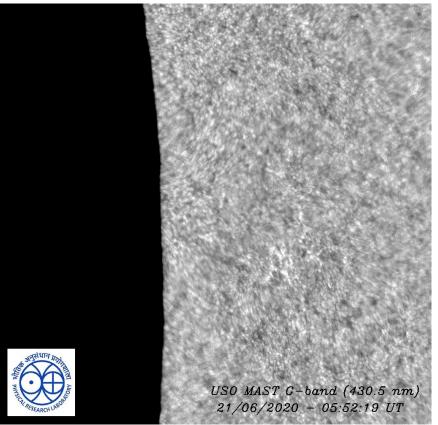


Fig.2 – High resolution images of the Sun in the photosphere (top) and chromosphere (bottom) observed by MAST during the eclipse. The irregularities on the lunar limb can be seen on the left.

