



UNIVERSITY OF LADAKH



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Press Note/Release

Date of Event: 22-10-2023

Venue of Event: Online

Guest Lecture on Astronomy by expert from ISRO (Ex Affiliation)

Department of Travel and Tourism Management (DTTM), University of Ladakh conducted a guest lecture for 3rd Semester students, MSc Zoology. These students are pursuing Multi-Disciplinary (MD) course, Astronomy and Astro Tourism at DTTM. The lecture was delivered by Mr. Sachin Chauhan, Ex ISRO Astronomer on Basic Astronomy, and use of different software to make sky map of celestial events, satellite passage, light pollution area and importance of Ladakh as Astro Tourism Destination.

The Department of Travel and Tourism Management is thankful to Mr. Sachin Chauhan for this worth learning opportunity to our students through this lecture.

We are thankful to our Hon'ble Vice Chancellor, Prof. S. K. Mehta, University of Ladakh, for his guidance and support.

Dr. Rajinder Kumar
Coordinator
Department of Travel & Tourism
Leh Campus, UOL

5 Sun fun (Presenting)

History of Universe

10 ⁻³² second Cosmic inflation ends	10 ⁻⁶ second Protons form	100 seconds Deuterium, helium and lithium are synthesized	100 million years First stars form	500 million years Current record holder for earliest galaxy	4 billion years Star formation peaks
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10:43 AM | Astronomy by Mr. Sachin Chauhan (Ex ISRO Astrono...)

Pic-1: Basics of Astronomy

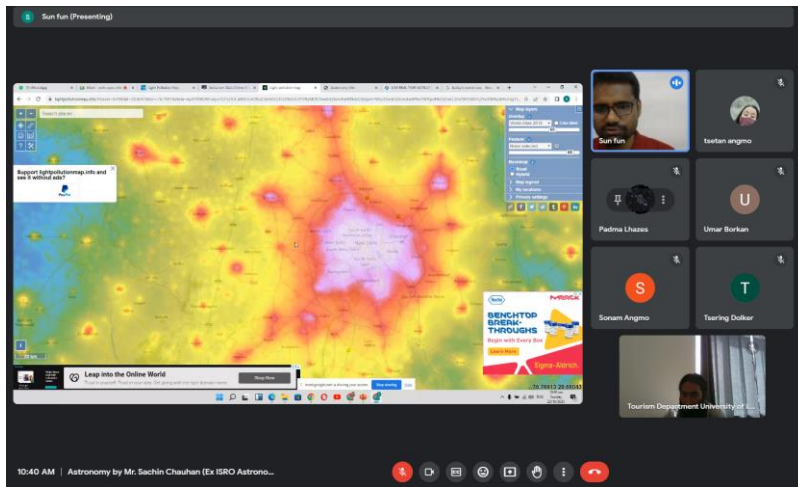
5 Sun fun (Presenting)

Partial Solar Eclipse

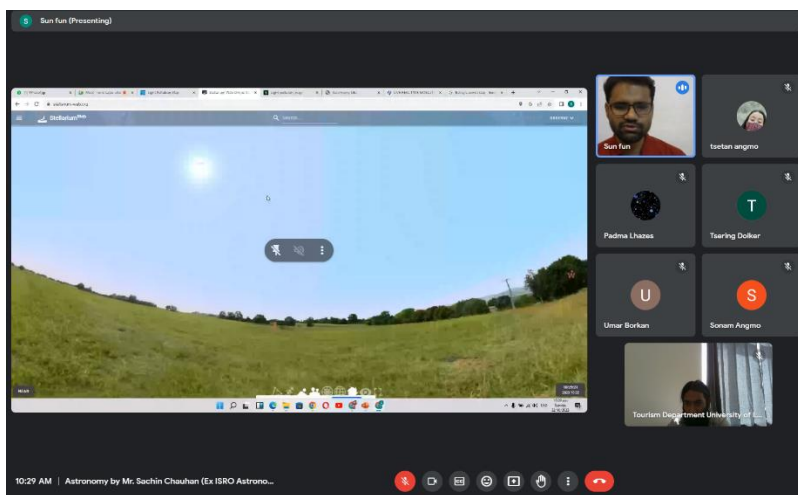
In a partial solar eclipse, the moon blocks only a part of the sun creating a crescent shape. This happens when the observer is not in the path of totality but still sees a portion of the sun covered by the moon.

10:45 AM | Astronomy by Mr. Sachin Chauhan (Ex ISRO Astrono...)

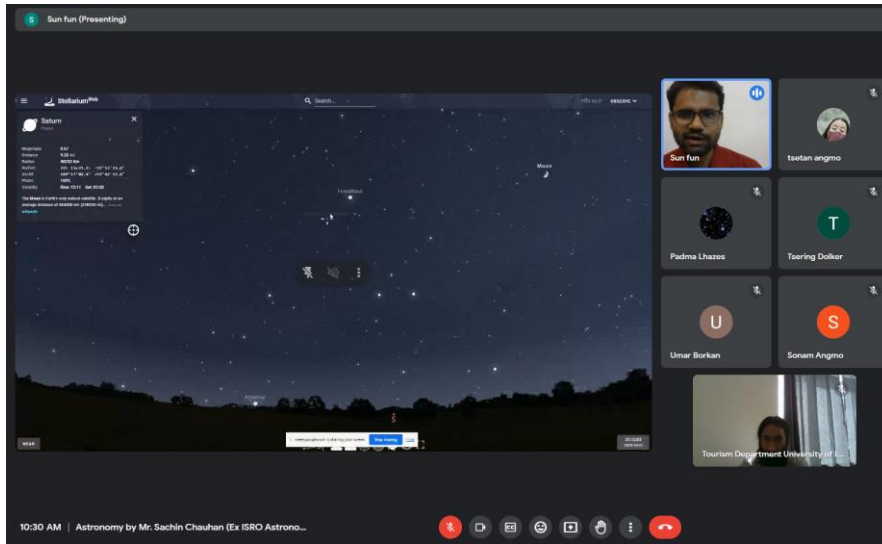
Pic-2: Basics of Astronomy



Pic-3: Light Pollution map using Lightpollutionmap.com



Pic-4: Use of Stellarium software for celestial observations



Pic-5: Satellitium software interface