

Goa University
Discipline of Physics
School of Physical and Applied Sciences
Report on SSR Activity DST-PURSE

1. Title of the Event/Activity/program	Sky Observation and Talk on Wonders of Universe and Space Tourism
2. Date and Time	23rd February 2026 5:30 pm to 9:30 pm
3. Mode of conduct (Physical/Online)	Physical
4. School/ Directorate/ Section	School of Physical and Applied Sciences
5. Collaborating Agency/School/Directorate	DST-PURSE and Directorate of Extra Mural Studies and Extension Services, Goa University
6. Detail of the Resource Person (Brief biodata)	Dr. Reshma Raut Dessai, Assistant Prof. in Physics SPAS Dr. Aniket Gaonkar, Assistant Prof. in Electronics SPAS
7. Number of Faculty attended/participated	07
8. Number of Student attended / participated	118
9. No. of external students/faculty/other participants	30
10. The objectives of the Program/activity/event	<ul style="list-style-type: none">• To introduce children to the basic concepts of astronomy in an engaging way.

	<ul style="list-style-type: none"> • To offer interactive stargazing experiences, helping people observe celestial objects. • To ignite curiosity and interest in science through hands-on participation, • And most importantly, to promote experiential learning beyond the confines of classrooms making science accessible and enjoyable for all.
<p>11. Description of the Program/activity/event</p>	<p>The event was held at Govt. High School Advoi Sattari Goa on 23rd February 2026, as part of science outreach and astronomy awareness initiatives. A total of 155 participants including students, teachers, parents and other members of the village attended this programme.</p> <p>Adding to the experience, Dr. Reshma Raut Desai delivered an enlightening talk on “Wonders of the Universe and Careers in Astrophysics.” She covered a range of astronomical phenomena, including the phases of the Moon, planetary motion, space exploration, space tourism, and potential career paths in astronomy. Her talk sparked curiosity among participants and encouraged them to delve deeper into the mysteries of the cosmos. Following the talk, a quiz was conducted to engage students further. The students participated enthusiastically, and prizes were awarded to those who answered correctly, celebrating their curiosity and knowledge.</p> <p>The villagers of Advaii and participating students were given a rare and unforgettable opportunity to explore the wonders of the night sky firsthand. Using telescopes, they observed celestial marvels such as the Moon with its craters, Jupiter and its mesmerizing moons, the brightest star Sirius, the majestic Andromeda Galaxy, and the stunning Orion Nebula.</p> <p>Overall, the event proved to be both highly informative and deeply inspiring. It offered a rare chance to witness the universe up close, fostered scientific temper, and ignited a lasting</p>

	interest in astronomy among students and villagers alike.
12. Benefit/Key outcomes of the Program/activity/event	<ul style="list-style-type: none"> • Enhanced understanding of basic astronomical concepts and space exploration. • Encouraged active participation through a quiz based on the talk, promoting learning in an interactive way • Provided hands-on experience in night-sky observation using telescopes. • Participants gained practical exposure to astronomical observation, deepening their understanding of celestial objects and space science. • Strengthened interest in science, technology, and astronomy among school students
13. Enclosures with report	Brochure, Photos, Attendance of students participants.

R. Dessai

Coordinator: Dr. Reshma Raut Dessai
Designation: Assistant Professor SPAS

R. V. Pai

Prof. Ramesh V Pai
Dean SPAS
Seal of the School





Photo 1: Marking the beginning of a celestial adventure at the sky observation inauguration



Photo 2: Inaugural function welcome address



Photo 3: Curiosity in action: Students listening intently to the marvels of the cosmos



Photo 4: From Orion to Cassiopeia: Exploring constellations under expert guidance



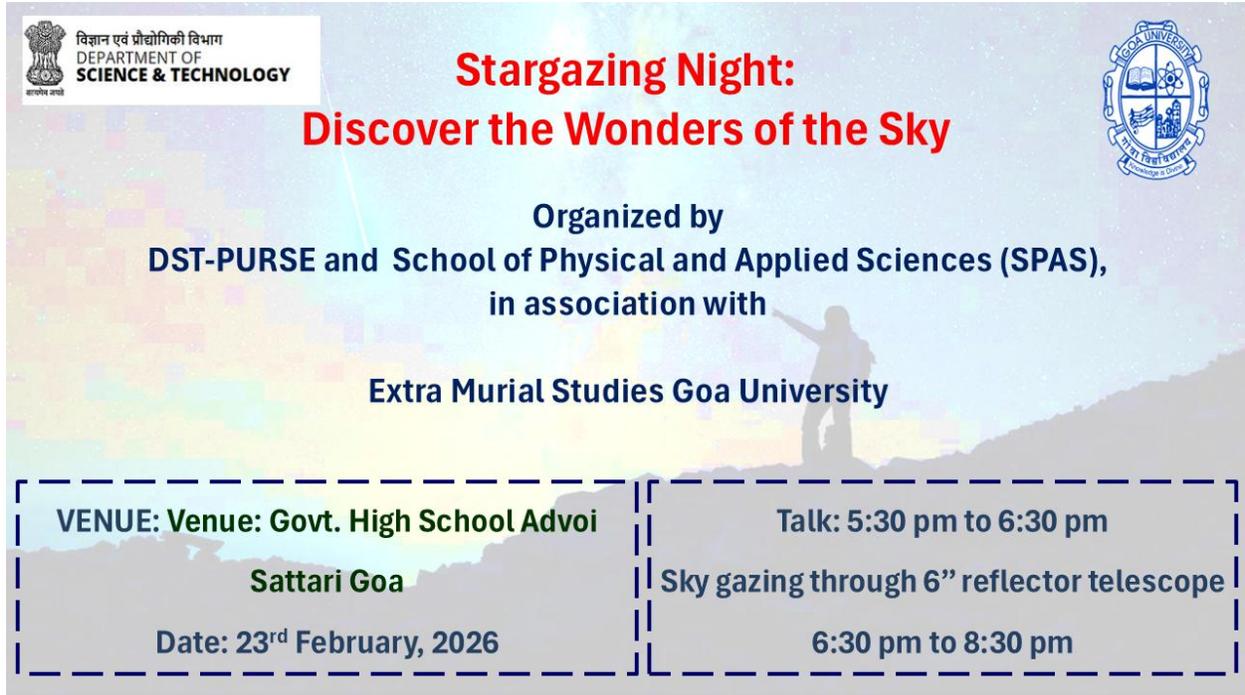
Photo 5: A closer look at the stars sky watching through the telescope



Photo 6: Eyes on the universe: Participants enjoy celestial wonders up close



Photo 7: A journey through the stars, as each telescope view unveils the beauty of the night sky

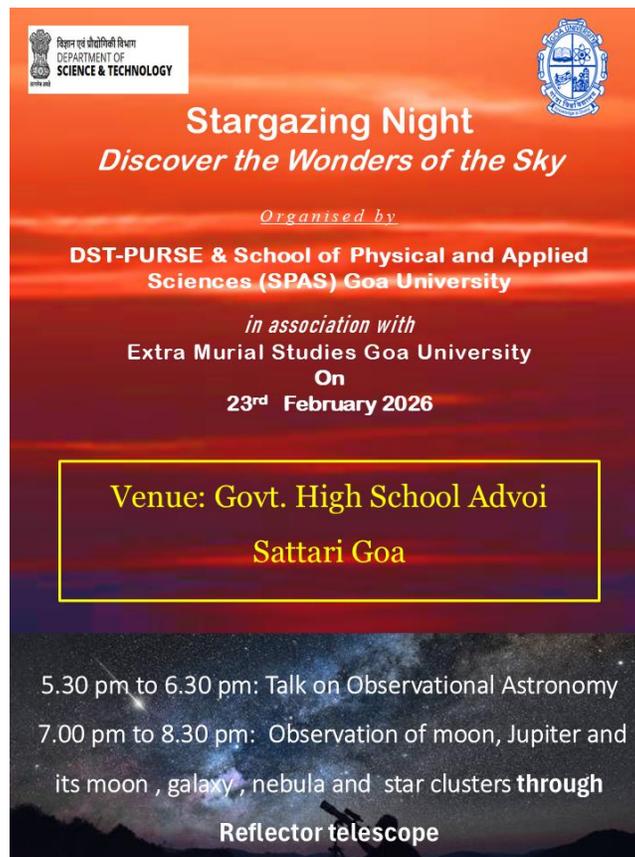


The brochure features a background of a starry night sky with a silhouette of a person pointing towards the stars. On the left, there is a logo for the Department of Science & Technology. On the right, there is a logo for Goa University. The text is centered and reads: 'Stargazing Night: Discover the Wonders of the Sky'. Below this, it says 'Organized by DST-PURSE and School of Physical and Applied Sciences (SPAS), in association with Extra Murial Studies Goa University'. At the bottom, there are two dashed boxes containing venue and timing information.

VENUE: Venue: Govt. High School Advoi Sattari Goa
Date: 23rd February, 2026

Talk: 5:30 pm to 6:30 pm
Sky gazing through 6" reflector telescope
6:30 pm to 8:30 pm

Flyer



The flyer has a background of a starry night sky with a silhouette of a person pointing towards the stars. It features logos for the Department of Science & Technology and Goa University. The text is centered and reads: 'Stargazing Night Discover the Wonders of the Sky'. Below this, it says 'Organised by DST-PURSE & School of Physical and Applied Sciences (SPAS) Goa University in association with Extra Murial Studies Goa University On 23rd February 2026'. A yellow box contains the venue information: 'Venue: Govt. High School Advoi Sattari Goa'. At the bottom, it lists the activities: '5.30 pm to 6.30 pm: Talk on Observational Astronomy' and '7.00 pm to 8.30 pm: Observation of moon, Jupiter and its moon, galaxy, nebula and star clusters through Reflector telescope'.

Venue: Govt. High School Advoi Sattari Goa

5.30 pm to 6.30 pm: Talk on Observational Astronomy
7.00 pm to 8.30 pm: Observation of moon, Jupiter and its moon, galaxy, nebula and star clusters through Reflector telescope