



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	24 th 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	08
8. Number of Student attended / participated	69
9. No. of external students/faculty/other participants	40
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. Primary School, Haluli Kirlpal Dabal Dharbandora Goa on 24th February 2026, as part of science outreach and astronomy awareness initiatives. A total of 117 participants including students, teachers, parents and other members of the village attended this programme.</p> <p>Dr. Reshma Raut Dessai delivered talk on “Wonders of the Universe” which covered various astronomical phenomena such as phases of the Moon, planetary motion, space exploration, space tourism and career in astronomy. The talk sparked curiosity among participants and encouraged them to explore the mysteries of the cosmos further. Based on the talk a quiz was conducted in which students participated enthusiastically and prizes were presented to the them for correct answer.</p> <p>The villagers of Balli and the students were given a rare firsthand opportunity to observe celestial wonders through telescopes, including the Moon, Jupiter and its moons, Sirius, the Andromeda Galaxy, and the Orion Nebula. The experience allowed participants to witness the beauty and vastness of the night sky up close.</p> <p>Overall, the event proved to be both highly informative and deeply inspiring, fostering scientific temper and sparking a greater interest in astronomy among the students.</p>
<p>12. Benefit/Key outcomes of the Program/activity/event</p>	<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

	<p>in an interactive way</p> <ul style="list-style-type: none"> • 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
<p>13. Enclosures with report</p>	<p>Brochure, Photos, Attendance of students participants.</p>

RDSSA

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

RVP

Prof. Ramesh V Pai
 Dean SPAS

Seal of the School





Photo 1: Welcome with heartfelt warmth and timeless traditions by the village community.



Photo 2: Dr. Reshma Raut Desai sharing fascinating insights on the wonders of the universe.



Photo 3: Awarding bright young minds for their quick thinking and correct answers



Photo 4: Cherished moments captured with our wonderful participants



Photo 5: Celebrating excellence with our proud prize winners



Photo 6: Inaugural ceremony marking the beginning of an exciting sky observation session.



Photo7: Carefully setting up the telescope for an exciting night of celestial observation



Photo 8: Finally, it's observation time ready to explore the wonders of the night sky



Photo 9: Presenting a memento to commemorate the special occasio

 **विज्ञान एवं प्रौद्योगिकी विभाग**
DEPARTMENT OF
SCIENCE & TECHNOLOGY



Stargazing Night: Discover the Wonders of the Sky

Organized by
DST-PURSE and School of Physical and Applied Sciences (SPAS),
in association with

Extra Murial Studies Goa University

VENUE: Govt. Primary School, Haluli Kirlpal	Talk: 5:30 pm to 6:30 pm
Dabal Dharbandora Goa	Sky gazing through 6" reflector telescope
Date: 24th February, 2026	6:30 pm to 8:30 pm

BROCHURE

Stargazing Night

Discover the Wonders of the Sky

Organised by

**DST-PURSE & School of Physical and Applied
Sciences (SPAS) Goa University**

in association with

Extra Murial Studies Goa University

On

24th February 2026

**Venue: Govt. Primary School, Haluli
Kirlpal Dabal Dharbandora 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

FLYER