



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

<b>1. Title of the Event/Activity/program</b>	<b>Sky Observation and Talk on Wonders of Universe and Astronomy in Social Service</b>
<b>2. Date and Time</b>	7 <sup>th</sup> December 2025 5:30 pm to 10:00 pm
<b>3. Mode of conduct (Physical/Online)</b>	Physical
<b>4. School/ Directorate/ Section</b>	School of Physical and Applied Sciences
<b>5. Collaborating Agency/School/Directorate</b>	DST-PURSE Social Entrepreneurship Swachhata and Rural Engagement Cell (SES-REC), Directorate of Unnat Bharat Abhiyan (UBA), Education Outreach Goa University
<b>6. Detail of the Resource Person (Brief biodata)</b>	Dr. Reshma Raut Dessai, Assistant Prof. in Physics SPAS Dr. Aniket Gaonkar, Assistant Prof. in Electronics SPAS Dr. Narayan Ventrekar, Assistant Prof. in Electronics SPAS Dr. Amruta Vetrekar, Assistant Professor in chemistry SCS
<b>7. Number of Faculty attended/participated</b>	7
<b>8. Number of Student attended / participated</b>	34

<b>9. No. of external students/faculty/other participants</b>	20
<b>10. The objectives of the Program/activity/event</b>	<ul style="list-style-type: none"> <li>• To create curiosity and awareness about the wonders of the Universe</li> <li>• To introduce basic astronomy concepts in a simple and engaging manner.</li> <li>• To offer interactive stargazing experiences, helping people observe celestial objects</li> <li>• To highlight the role of astronomy in social service, including environment issue, cultural understating, community outreach and climate studies.</li> <li>• To connect astronomy with daily life, culture, history, and sustainable development</li> <li>• Most importantly, to promote experiential learning beyond the confines of classrooms making science accessible and enjoyable for all</li> </ul>
<b>11. Description of the Program/activity/event</b>	<p>The event was held at Madkai Gram panchayat near Shri. Navdurga Vidhyalaya Madkai Goa. Activity has been carried out as a part of science outreach and astronomy awareness initiatives. 61 people attended this event which included students, teacher and parents participated in the programme.</p> <p>Dr. Reshma Raut Dessai delivered talk on “Wonders of the Universe and Astronomy in social Service” 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. Talk also explained the importance of Astronomy for people in Social Service. Based on the talk a quiz was conducted in which students and teachers participated enthusiastically. The participants had a first-hand opportunity to observe celestial objects such as the Moon, Saturn with its iconic rings, the Andromeda Galaxy, and a few constellations through telescopes. Overall, the event was highly informative and</p>

	inspiring, promoting scientific temper and interest in astronomy among students.
<b>12. Benefit/Key outcomes of the Program/activity/event</b>	<ul style="list-style-type: none"> <li>• Enhanced understanding of basic astronomical concepts and space exploration.</li> <li>• Encouraged active participation through a quiz based on the talk, promoting learning in an interactive way</li> <li>• Provided hands-on experience in night-sky observation using telescopes.</li> <li>• Strengthened interest in science, technology, and astronomy among school students.</li> <li>• Encouraged use of Astronomy in community outreach and environment related issues.</li> </ul>
<b>13. Enclosures with report</b>	Brochure, Notice, Geo-tag photos, Attendance of students/faculty/external participants, Bio Data of resource person (if applicable), Any other information.

*R. Dessai*

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

*R. V. Pai*

Dean of SPAS: Prof. Ramesh V Pai

Seal of the School





**Photo 1: An outreach talk on astronomy for school students and social science students**



**Photo 2: Dr. Reshma Raut Dessai interacting with students**





**Photo 3: Dr. Aniket conducting quiz on astronomy**



**Photo 4:Prize distribution**



**Photo 5:Prize distribution on astronomy quiz**



**Photo 6:Students first hand observation of the moon and its craters**





**Photo 7:Alignment of telescope to see the wonders of the universe**



**Photo 8:Observing andromeda galaxy, nebula and star clusters through AI powered telescope**




Photo 9: Students enjoying Jupiter and its moons



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  
 Social Entrepreneurship Swachhata and Rural Engagement Cell (SES-REC),  
 Directorate of Unnat Bharat Abhiyan (UBA), Goa University

<p><b>VENUE: Madkai Municipal Council</b></p> <p>Date: 7<sup>th</sup> December, 2025</p>	<p>Talk: 6:00 pm to 6:40 pm</p> <p>Sky gazing through 6" reflector telescope</p> <p>6:40 pm to 8:30 pm</p>
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**BANNER**





**SOCIAL WORK PROGRAMME**  
D. D. Kosambi School  
of Social Sciences and Behavioural Studies  
Goa University

## RURAL CAMP 2025

**From Classroom to Community:  
Empowering Change Together**

### Under the Stars: A Sky Observation Session

A Guided Journey Into Stars, Space, and Cosmic Curiosity

*Hands-on observation of stars, constellations, and  
cosmic behaviour to build scientific interest and  
discovery.*



**Dr. Reshma Raut Dessai**  
**Asst. Professor, Physics, Goa University**



**Date:**  
December 7, 2025



**Time:**  
6:30 PM – 8:30 PM



**Venue:**  
Panchayat Hall, Marciam



**Mr. Peter F. Borges**  
Faculty Incharge

**Mr. Syden Luis Fernandes**  
Student Incharge



**Prof. Nagendra Rao**  
Dean, DDKSSBS

**Dr. Prachi Prabhu**  
PD, SWP

**Mr. Keval Naik**  
Faculty Coordinator

**FLYER**

# Stargazing Night

*Discover the Wonders of the Sky*

Organized by

**GOA UNIVERSITY**

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

*In association with*

**Social Entrepreneurship Swachhata and Rural Engagement Cell (SES-REC), D-UBA, Goa University**

07<sup>th</sup> December 2025,

VENUE: Madkai Gram Panchayat, Ponda Goa

## ATTENDANCE

Sr. No	Name	Standard	Sign
1.	Shounak . C. Gaude	Std VII	Gaude
2.	Soham . S. Naik	VII	Naik
3.	Saish . R. Konkankar	VII	
4.	Niraj . O. Gaude	VII	
5.	Khanish . D. Gaude	VII	Pande
6.	Kritik . U. Naik	VII	Naik
7.	Adarsh . B. Sahani	VII	Adarsh
8.	Rudali . R. Gaude	VII	Gaude
9.	Vanshika C. Gaude	VII	Vaughan



Sr. No	Name	Standard	Sign
10.	Tanishka T. Gaude	VII	Gaude
11.	Divija V. Gaude	VII	Gaude
12.	Diya D. Naik	VII	Diya
13.	Khanak S. Gaude	VII	Gaude
14.	Saiksha V. Kunkolikar	VII	Kunkolikar
15.	Sanaya G. Gaude	VII	Gaude
16.	Jiya R. Naik	VII	Naik
17.	Shravani S. Naik	VII	Naik
18.	Hrithika S. Gaude	VII	Gaude
19.	Roshanee D. Naik	VII	Naik
20.	Vivansha V. Gaude	VII	Gaude
21.	Shara Ashie Dias	MSW - Part 1	Dias
22.	Shanu T. Gaiwas	MSW - Part 1	Gaiwas
23.	Keval Naik	Faculty Goa Univer	Naik
24.	Diya Sawant	MSW - Part I	Sawant
25.	Vaideli J. Zarapkar	MSW - Part I	Zarapkar
26.	Syden L. Fernandes	MSW - Part 1	Fernandes
27.	Mawrya Chari	MSW - Part I	Chari
28.	Aishwarya Gad	MSW - Part I	Gad
29.	Sakshi Revodkar	MSW Part I	Revodkar

Sr. No	Name	Standard	Sign
30.	Afsana Mohammad Ali Athikatti	<del>MSW-1</del>	<del>Afsana</del>
31.	Vasudha Sawai Ker	<del>Sawai Ker</del> Faculty	<del>Vasudha</del>
32.	Sattam	VII	
33.	Dr. Purva Vasta	Faculty	<del>Purva</del>
34.	Krutiksha Naik	His. Student	<del>Krutiksha</del>
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