



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 Astronomy in Social Service
2. Date and Time	7 th December 2025 5:30 pm to 10:00 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 Social Entrepreneurship Swachhata and Rural Engagement Cell (SES-REC), Directorate of Unnat Bharat Abhiyan (UBA), Education Outreach 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 Dr. Narayan Ventrekar, Assistant Prof. in Electronics SPAS Dr. Amruta Vetrekar, Assistant Professor in chemistry SCS
7. Number of Faculty attended/participated	7
8. Number of Student attended / participated	34

9. No. of external students/faculty/other participants	20
10. The objectives of the Program/activity/event	<ul style="list-style-type: none"> • To create curiosity and awareness about the wonders of the Universe • To introduce basic astronomy concepts in a simple and engaging manner. • To offer interactive stargazing experiences, helping people observe celestial objects • To highlight the role of astronomy in social service, including environment issue, cultural understating, community outreach and climate studies. • To connect astronomy with daily life, culture, history, and sustainable development • Most importantly, to promote experiential learning beyond the confines of classrooms making science accessible and enjoyable for all
11. Description of the Program/activity/event	<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.
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. Strengthened interest in science, technology, and astronomy among school students. Encouraged use of Astronomy in community outreach and environment related issues.
13. Enclosures with report	Brochure, Notice, Geo-tag photos, Attendance of students/faculty/external participants, Bio Data of resource person (if applicable), Any other information.

R Desai

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

 उन्नत भारत अभियान
UNNAT BHARAT ABHIYAN



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

VENUE: Madkai Municipal Council	Talk: 6:00 pm to 6:40 pm
Date: 7 th December, 2025	Sky gazing through 6" reflector telescope
	6:40 pm to 8:30 pm

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

07th December 2025,

VENUE: Madkai Gram Panchayat, Ponda, Goa

ATTENDANCE

Sr. No	Name	Standard	Sign
1.	Shounak .c. Gaude	Std. VII	Shade
2.	Soham S. Naik	VII	Naik
3.	Saish .R. Konkonkar	VII	
4.	Niraj .o. Gaude	VII	
5.	Khanish .D. Gaude	VII	Paudee
6.	Kritik .U. Naik	VII	Na
7.	Adarsh .B. Sahani	VII	Adarsh
8.	Rudali .R. Gaude	VII	Gaude
9.	Vanshika C. Gaude	VII	Vanshika

Sr. No	Name	Standard	Sign
10.	Tanishka T. Gaude	VII	<u>Tgaude</u>
11.	Divija V. Gaude	VII	<u>Dgaude</u>
12.	Diya D. Naik	VII	<u>Diyaas</u>
13.	Khanak S. Gaude	VII	<u>Kgaude</u>
14.	Saiksha V. kunkolikar	VII	<u>Sakalkar</u>
15.	Sanaya G. Gaude	VII	<u>Sgaude</u>
16.	Jiya R. Naik	VII	<u>Jniik</u>
17.	Shravani S. Naik	VII	<u>Sniik</u>
18.	Hritika S. Gaude	VII	<u>Hgaude</u>
19.	Roshanee D. Naik	VII	<u>Rniik</u>
20.	Vivansha V. Gaude	VII	<u>Vgaude</u>
21.	Shara Ashie Dias	MSW - Part I	<u>Shari</u>
22.	Shanu T. Gawas	MSW - Part I	<u>Sgawas</u>
23.	Keval Naik	Faculty Goa University	<u>K</u>
24.	Diya Sawant	MSW - Part I	<u>Dsawant</u>
25.	Vaidehi J. Zarapkar	MSW - Part I	<u>Vzarapkar</u>
26.	Syden L. fernandes	MSW - Part I	<u>Sfernandes</u>
27.	Mawrya Chari	MSW - Part I	<u>Mchari</u>
28.	Aishwarya Gad	MSW - Part I	<u>Agad</u>
29.	Sakshi Revodekar	MSW - Part I	<u>Srevodekar</u>

Sr. No	Name	Standard	Sign
30.	Afsana Mohammed Ali Athkatti	MSW-1	Afsana
31.	Vasudha Sawarkar	Sawarkar Faculty	Sawarkar
32.	Satyam	VII	
33.	Di. Purva Vasta	Faculty	Purva
34.	Krutiksha Naik	His. Student	Krutiksha
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