

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 the sky and Career in Astronomy
2. Date and Time	29 th November 2025 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 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, Assistant Prof. in Electronics SPAS Dr. Sandeep Gawali Mr. Mudraj Pagi, Assistant Prof. in Mathematics SPAS
7. Number of Faculty attended/participated	05
8. Number of Student attended / participated	69

9. No. of external students/faculty/other participants	10
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. • 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.
11. Description of the Program/activity/event	<p>The sky observation and talk on astronomy was held at Satyawati Soiru Angle Higher secondary School Mashem Canacona Goa, as part of science outreach and astronomy awareness initiatives. A total of 69 students and 05 teachers and few parents participated in the programme.</p> <p>The programme started with a talk by dr. Reshma Raut Dessai on “Wonders of the sky and career in astronomy” 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 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. Overall, the event was highly informative and inspiring, promoting scientific temper and interest in astronomy among students.</p>
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

	<p>in an interactive way</p> <ul style="list-style-type: none"> • Provided hands-on experience in night-sky observation using telescopes. • Provided hands-on experience in night-sky observation using telescopes • Strengthened interest in science, technology, and astronomy among school students
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





Photo1: Students engaged in talk on wonders of sky and career in Astronomy



Photo 2: Curious students watching through telescope craters on the moon



Photo 3: Exploring messier objects through AI telescope



Photo 4: Students experiencing first-hand observation through a telescope at a night-sky astronomy program



Photo 5: Amazed at the rings of Saturn



Photo 6: Guiding young minds under the night sky an interactive observational

Stargazing Night:

Discover the Wonders of the Sky and

Career in Astronomy



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: Satyawati Soiru Angle Higher

Talk: 5:30 pm to 6:30 pm

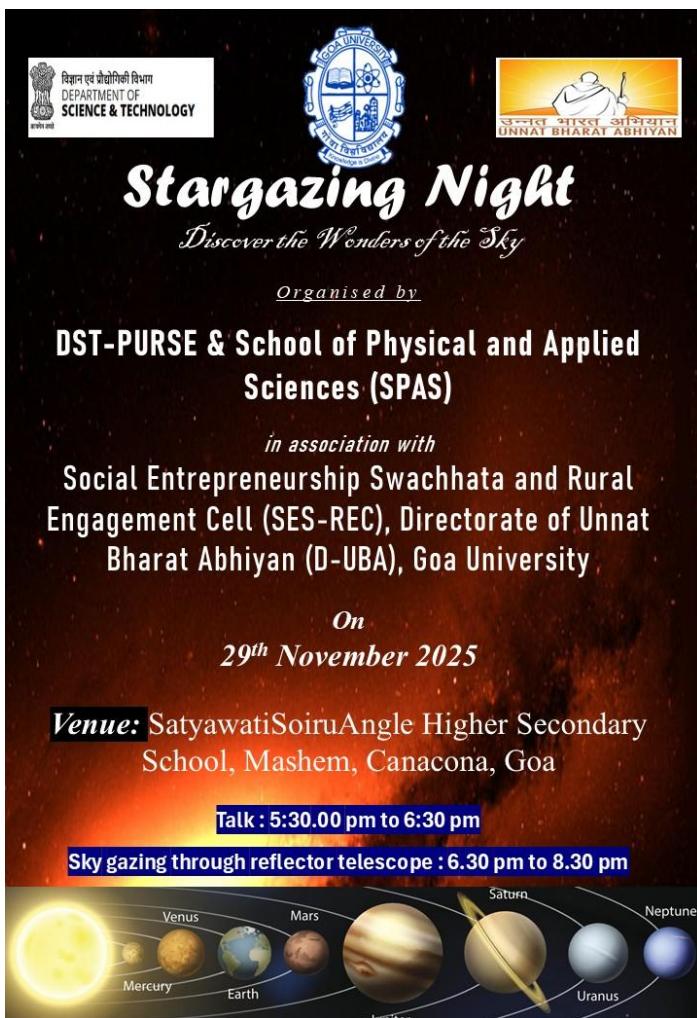
Secondary School Mashem Canacona Goa

Sky gazing through 6" reflector telescope

Date: 29th November, 2025

6:30 pm to 8:30 pm

BANNER



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

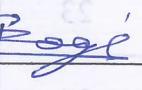
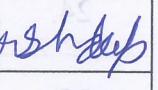
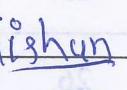
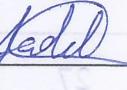
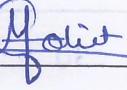
29th November 2025,

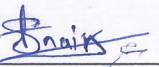
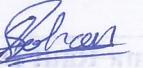
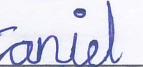
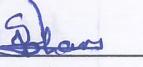
VENUE: Satyawati Soiru Angle Higher Secondary School, Mashem, Canacona, Goa

Resource Persons

Dr. Reshma Raut Dessai; Dr. Sandeep Gawali; Dr. Aniketh Gaonkar; Mr. Mudraj Pagi

ATTENDANCE

Sr. No	Name	Standard	Sign
1.	Sahil Gaonkar		
2.	Aniket Gaonkar	XI Science	
3.	Srijash Pagi	XII Science	
4.	Arishdeep Dhillon	XII Science	
5.	Kishan Pagi	XII Science	
6.	Jadil Khan	XI Science	
7.	Hozefa Khan	XI Science	
8.	Braydon De Souza	XI Science	
9.	Mohit Das	XII Science	
10.	Rahul Singh	XII Science	

Sr. No	Name	Standard	Sign
11.	Sujal Naik	XII Science	
12.	Eklaya Biswas	XII science	
13.	Varad Borkar	XII science	
14.	Sammed Ankolkope	XII science	
15.	Zade Noy Fernandes	IX	
16.	Atharv Aiya	IX	
17.	Sohan P. Mahale	IX	
18.	Kaniel Xeal Fernandes	VII	
19.	Josh Fernandes	VII	
20.	Macion Pereira	VIII	
21.	Daylan Pereira	VIII	
22.	Soham S. Salarkar	VIII	
23.	Priyansh S. Sawant	VI	
24.	Ayush K. Saturkar	VI	
25.	Satrik S. Sangelkar	VI	
26.	Aneley R. Fernandes	VII	
27.	Quella Keith Fernandes	VIII	
28.	Karthik N.C. Pande	VII	
29.	Khusha Dossal	XII Arts	
30.	Ridhvi Jankonkar	XII Science	

Sr. No	Name	Standard	Sign
31.	Karina Sharma	XII Science	Sharma
32.	Akida Khandekar	XII Science	Khandekar
33.	Shreya Pagi	XII Science	Pagi
34.	Tirtha Sudhir	VIII	Sudhir
35.	Bhargavi Satarkar	VIII	Satarkar
36.	Rashi Dhuri	VIII	Dhuri
37.	Kritika Dessai	VII	Dessai
38.	Sailee tilve	IX	Tilve
39.	Saimaa Naik.	XI Arts	Naik
40.	Urvi Devidas	XI Arts	Devidas
41.	Aditi Keluskar	XI Arts	Keluskar
42.	Durva Gaonkar	XI Arts	Gaonkar
43.	Anuska Dias	XII Science	A. Dias
44.	Sanyukta Pagi	XI Science	Pagi
45.	Pranjali Dhuri	VII th	Dhuri
46.	KRITISHA BHAGAT	VII th	Bhagat
47.	Avani Komarpant	VIII	Avani
48.	Saraswati Behera	XI Sci	Behera
49.	Lakshi Naik Desai	XI Science	Naik
50.	Usha J. Rathod	XI Com	Rathod

Sr. No	Name	Standard	Sign
51.	NOOMA SHAIKH	XI SCI	<u>Naith</u>
52.	Titha Raikar	XI COM	<u>Titha</u>
53.	Aitroj Khan	XI SCI	<u>A.</u>
54.	Paras N. PrabhuDessai	VII	<u>Paras</u>
55.	Ronak. R. METHA	VI	<u>Ronak</u>
56.	Yashaswini	VI	<u>Yash</u>
57.	Shreyash S. Sawant	VIII	<u>Sawant</u>
58.	Harsh H. Moraykar	IX	<u>Harsh</u>
59.	Omkar N. Salaskar	VII	<u>Omkar</u>
60.	Mannu	VII	<u>Mannu</u>
61.	Prathamesh S. Gaonkar	IX	<u>Prakar</u>
62.	Abhishet Naik	Teacher	<u>Abhishet</u>
63.	Soushti Vasu Gaonkar	XII	<u>Soushti</u>
64.	Tanvi Saptu Gaonkar	XI	<u>Tanvi</u>
65.	Kalidhi Velip	Teacher	<u>Kelip</u>
66.	Disha Pagi	Ex- student	<u>D</u>
67.	Karuna Pagi	XII	<u>Reeti</u>
68.	Sh. Aliv Kesarwan	Teacher	<u>Sh</u>
69.	Raksha Pagi	Teacher	<u>Raksha</u>
70.			