



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	<p>Brochure, Notice, Geo-tag photos, Attendance of students/faculty/external participants, Bio Data of resource person (if applicable), Any other information.</p>

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



विज्ञान एवं प्रौद्योगिकी विभाग
DEPARTMENT OF
SCIENCE & TECHNOLOGY

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 Secondary School Mashem Canacona Goa	Talk: 5:30 pm to 6:30 pm
Date: 29th November, 2025	Sky gazing through 6" reflector telescope 6:30 pm to 8:30 pm

BANNER



विज्ञान एवं प्रौद्योगिकी विभाग
DEPARTMENT OF
SCIENCE & TECHNOLOGY





उन्नत भारत अभियान
UNNAT BHARAT ABHIYAN

Stargazing Night

Discover the Wonders of the Sky

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


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

On
29th November 2025

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

Talk : 5:30.00 pm to 6:30 pm

Sky gazing through reflector telescope : 6.30 pm to 8.30 pm



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


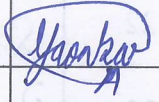
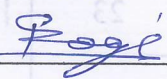
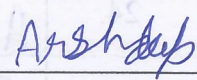
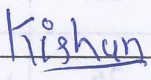
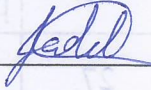
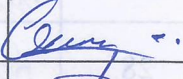
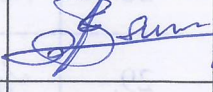
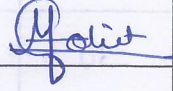
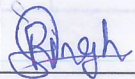
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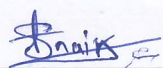


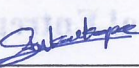

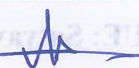
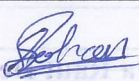
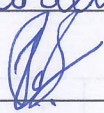


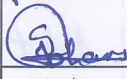
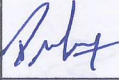

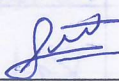
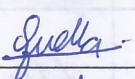


VENUE: Satyawati Soiru Angle Higher Secondary School, Mashem, Canacona, Goa

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.	Anket Gaonkar	XI Science	
3.	Sriyash Pagi	XII science	
4.	Arshdeep Dhillon	XII Science	
5.	Kishan Pagi	XII Science	
6.	Jed Milton Da Cruz Lemos	XI Science	
7.	Hazeza Khan	XI science	
8.	Brydon 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 Anolkope	XII science	
15.	Zade Noy Fernandes	IX	
16.	Atharv Aiya	IX	
17.	Sohan P. Mahale	IX	
18.	Kaniel Keal Fernandes	VII	Kaniel
19.	Josh Fernandes	VII	
20.	MAclon Pereira	VIII	
21.	DAYLAN Pereira	VIII	
22.	Soham S. Salaskar	VIII	
23.	Priyansh S. sawant	VI	
24.	Ayush K satarkar	VI	
25.	Satvik S. Sangelkar	VI	
26.	Aneley R. Fernandes	VII	Aneley
27.	Quella Keith Fernandes	VIII	
28.	Karthik NC Pande	VII	Karthik
29.	Krupa Desai	XII Arts	
30.	Ridhvi Jankonkar	XII Science	

Sr. No	Name	Standard	Sign
31.	Karina Sharma	XII Science	<u>Sharma</u>
32.	Akida Khandekar	XII Science	<u>Khandekar</u>
33.	Shreya Pagi	XII Science	<u>Pagi</u>
34.	Tishtha Sudhir	VIII	<u>Sudhir</u>
35.	Bhargavi Satarkar	VIII	<u>Satarkar</u>
36.	Rashi Dhuri	VIII	<u>Dhuri</u>
37.	Kritika Dessai	VII th	<u>Kritika</u>
38.	Sailee tilve	IX	<u>Sailee</u>
39.	Saimaa Naik.	XI Arts	<u>Naik.</u>
40.	Urvashi Devidas	XI Arts	<u>Devidas</u>
41.	Aditi Keluskar	XI Arts	<u>Keluskar</u>
42.	Durva Gaonkar	XI Arts	<u>Gaonkar</u>
43.	Annoshka Dias	XII science	<u>A. Dias</u>
44.	Sanyukta Pagui	XI science	<u>Pagui</u>
45.	Pranjali Dhuri	VI th	<u>Dhuri</u>
46.	KRISHA BHAGAT	VI th	<u>Bhagat</u>
47.	Avani Komarpant	VIII	<u>Avani</u>
48.	Saruswali Behera	XI Sci	<u>Behera</u>
49.	Lakshi Naik Desai	XI Science	<u>Naik</u>
50.	Usha J. Rathod	XI com	<u>Rathod</u>

Sr. No	Name	Standard	Sign
51.	NOOMA SHAIKH	XI Sci	<u>N Shai</u>
52.	Tiitha Raikar	XI com	<u>Tiitha</u>
53.	Aitraf Khan	XI Sci	<u>Aitraf</u>
54.	Paras N. Prabhu Dessai	VII	<u>Paras</u>
55.	Ronak R. METHA	VI	<u>Ronak</u>
56.	Vaibhan Dias	VI	<u>Vaibhan</u>
57.	Shreyash S. Sawant	VIII	<u>Shreyash</u>
58.	Harsh H. more, Kar	VIII	<u>Harsh</u>
59.	Omkar N. Salaskar	VII	<u>Omkar</u>
60.	Mannu	VII	<u>Mannu</u>
61.	Prathamesh S' Gaonkar	IX	<u>Prathamesh</u>
62.	Abhishek Naik	Teacher	<u>Abhishek</u>
63.	Saushiti Vasu Gaonkar	XI	<u>Saushiti</u>
64.	Tanvi Sapta Gaonkar	XI	<u>Tanvi</u>
65.	Kalidi Velip	Teacher	<u>Kalidi</u>
66.	Disha Pagi	ex-student	<u>Disha</u>
67.	Karuna Pagi	"	<u>Karuna</u>
68.	Sr. Shiv Kesavean	Teacher	<u>Sr. Shiv</u>
69.	Raksha Pagi	Teacher	<u>Raksha</u>
70.			