



**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</b>
<b>2. Date and Time</b>	30 <sup>th</sup> November 2025 5:30 pm to 9:30 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 Prof. Jivan Parab, Professor in Electronics SPAS Dr. Narayan Ventrekar, Assistant Prof. in Electronics SPAS
<b>7. Number of Faculty attended/participated</b>	06

<b>8. Number of Student participated</b>	55
<b>9. No. of external other participants</b>	20
<b>10. The objectives of the Program/activity/event</b>	<ul style="list-style-type: none"> <li>• To introduce children to the basic concepts of astronomy in an engaging way.</li> <li>• To offer interactive stargazing experiences, helping people observe celestial objects.</li> <li>• To ignite curiosity and interest in science through hands-on participation,</li> <li>• And 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 Orchid Avenue Bamanbhat Cujira, Goa, as part of science outreach and astronomy awareness initiatives. A total of 250 students and 81 teachers and parents participated in the programme.</p> <p>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 and teachers participated enthusiastically. Prizes were awarded to students.</p> <p>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 inspiring, promoting scientific temper and interest in astronomy among students.</p>
<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</li> </ul>

	<p>in an interactive way</p> <ul style="list-style-type: none"> <li>• Provided hands-on experience in night-sky observation using telescopes.</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> </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 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 engaging astronomy outreach session inspiring young mind**



**Photo 2: Encouraging young minds through an astronomy quiz competition**



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



**Photo 5: Interactive session during sky observation**



**Photo 4: A child's first glimpse of the moon through the telescope.**



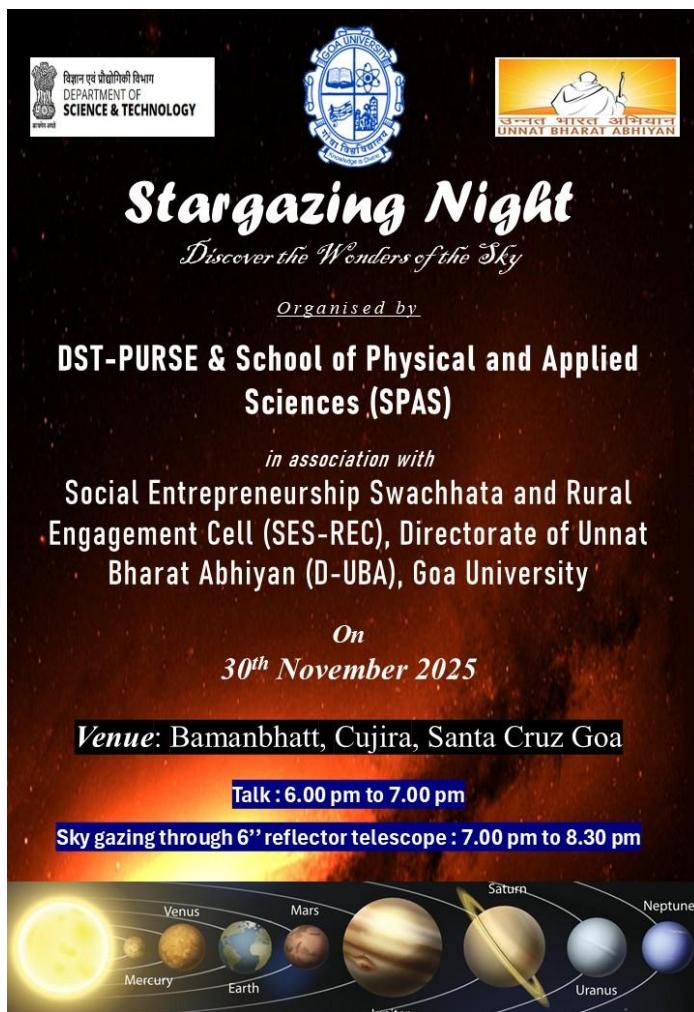
## Stargazing Night: Discover the Wonders of the Sky



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: Orchid Avenue, Bamanbhat Cujira Santa Cruz Goa	Talk: 6:00 pm to 7:00 pm Sky gazing through 6" reflector telescope
Date: 30 <sup>th</sup> November, 2025	7:00 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

30<sup>th</sup> November 2025,

VENUE: Bamanbhatt, Cujira, Goa

## ATTENDANCE

Sr. No	Name	Standard	Sign
1.	KARTHIK	4	
2.	SAACHI	4 <sup>th</sup>	<u>Skharangate</u>
3.	Bhavya	4	<u>Bhavya</u>
4.	Tanavi	4	<u>Tanavi</u>
5.	ANNEV ANVIKA	3	<u>ANNEV</u>
6.	LAKSHITA	5 <sup>th</sup>	<u>Lakshita</u>
7.	Darsh	6 <sup>th</sup>	<u>Darsh</u>
8.	Divit	2 <sup>nd</sup>	<u>Divit</u>
9.	Prabodh	7 <sup>th</sup>	<u>Prabodh</u>
10.	Grandhita	4 <sup>th</sup>	<u>Grandhita</u>
11.	Parahni	4 <sup>th</sup>	<u>Parahni</u>

Sr. No	Name	Standard	Sign
12.	Sheha	5	S.V.M
13.	Jai	4	J.M.L
14.	Disha Lanjewar	7	M.Disha
15.	Gargi Murthy Dewar	7 <sup>th</sup>	G.M..
16.	Sasha Nadayil	6 <sup>th</sup>	Sasha
17.	Aseea	2 <sup>nd</sup>	A.S.Ga
18.	Shourish Pirankar	5th	S
19.	Devashis Jadhao	3th	Devashis
20.	Shubhangi Agni	Resident	SF
21.	Sagar Agni	Resident	S
22.	Sudarshan Ray		S
23.	Kamlesh Misra		Kamlesh
24.	Sushant Arora	MF1	S
25.	Ashwinip Arora	MF1	A
26.	Ayushma Agni	MTI	A
27.	Umairang Agni	MTI	S.P.S.Bn
28.	Vishnu Mahajan	MTI	VM
29.	Yeshwant Mahajan	MTI	Y.M.
30.	Sapne Mahajan	MTI	S.Mahajan
31.	Saachi Bhengjali	4 <sup>th</sup>	Saachi

Sr. No	Name	Standard	Sign
32.	Modhavi Theraglu		<i>Modhavi</i>
33.	Sagar Thengeli		<i>Sagar</i>
34.	Ojas Theragali	1 <sup>st</sup>	<i>Ojas.</i>
35.	Aarsha Gurav	MF1 (2 <sup>nd</sup> )	<i>Aarsha</i>
36.	M. G. Lajiwala	Gr	<i>Gr</i>
37.	Nihal Nadayil	9 <sup>th</sup>	<i>Nihal</i>
38.	Iddi Indulkar	8 <sup>th</sup>	<i>Iddi</i>
39.	Archishma Agni	7 <sup>th</sup>	<i>Archishma</i>
40.	Harsish Amonkar	3 <sup>rd</sup>	<i>Harsish</i>
41.	SONIA KERKAR	—	<i>S.</i>
42.	Garegi Barkar	—	<i>G.</i>
43.	Kareshma Aigal	—	<i>Kareshma</i>
44.	Shrawani Natekar	—	<i>Shrawani</i>
45.	Kaishma Natekar	—	<i>Kaishma</i>
46.	Siddhi S. More		<i>Siddhi</i>
47.	Vinita S. More	—	<i>Vinita</i>
48.	Krita & Karita Bankapure	Krita = 4 <sup>th</sup>	<i>Krita &amp; Karita</i>
49.	Snehabratha Amonkar	—	<i>Snehabratha</i>
50.	Gurceda Barkar		<i>Gurceda</i>
51.	Sakshi Sinai Kerkar		<i>Sakshi</i>

Sr. No	Name	Standard	Sign
52.	Mahi Tendulkar	-	<u>Mendulkar</u>
53.	Amrita N. Vethkar	-	<u>Amritekar</u>
54.	Narayan Vethkar	-	<u>Vethkar</u>
55.	Sangita Amonkar	-	<u>Amonkar</u>
56.	Sanjay Amonkar	-	<u>San</u>
57.	Rohan Amonkar	-	<u>Roh</u>
58.	Poorna Amonkar	-	<u>Amonkar</u>
59.	Kunal Amonkar	-	<u>Kunal</u>
60.	D. v Kamat		<u>D. v Kamat</u>
61.	MAYURE Kerkar	-	<u>M</u>
62.	Niya Iunkidikar	Rendul	<u>Niyalikar</u>
63.	Braathmesh Bhave	4	<u>Braathmesh</u>
64.	Rajiv Kamat	11	<u>Rajiv</u>
65.	Fushar Kamat	11	<u>Fushar</u>
66.			
67.			
68.			
69.			
70.			
71.			