



**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>	1 <sup>st</sup> December, 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 Dr. Narayan Ventrekar, Assistant Prof. in Electronics SPAS Prof. Jivan Parab, Professor in Electronics SPAS
<b>7. Number of Faculty attended/participated</b>	07
<b>8. Number of Student attended / participated</b>	118

<b>9. No. of external students/faculty/other participants</b>	40
<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 Viscount High school Pernem, 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.</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 in an interactive way</li> <li>• Provided hands-on experience in night-sky observation using telescopes.</li> </ul>

	<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.

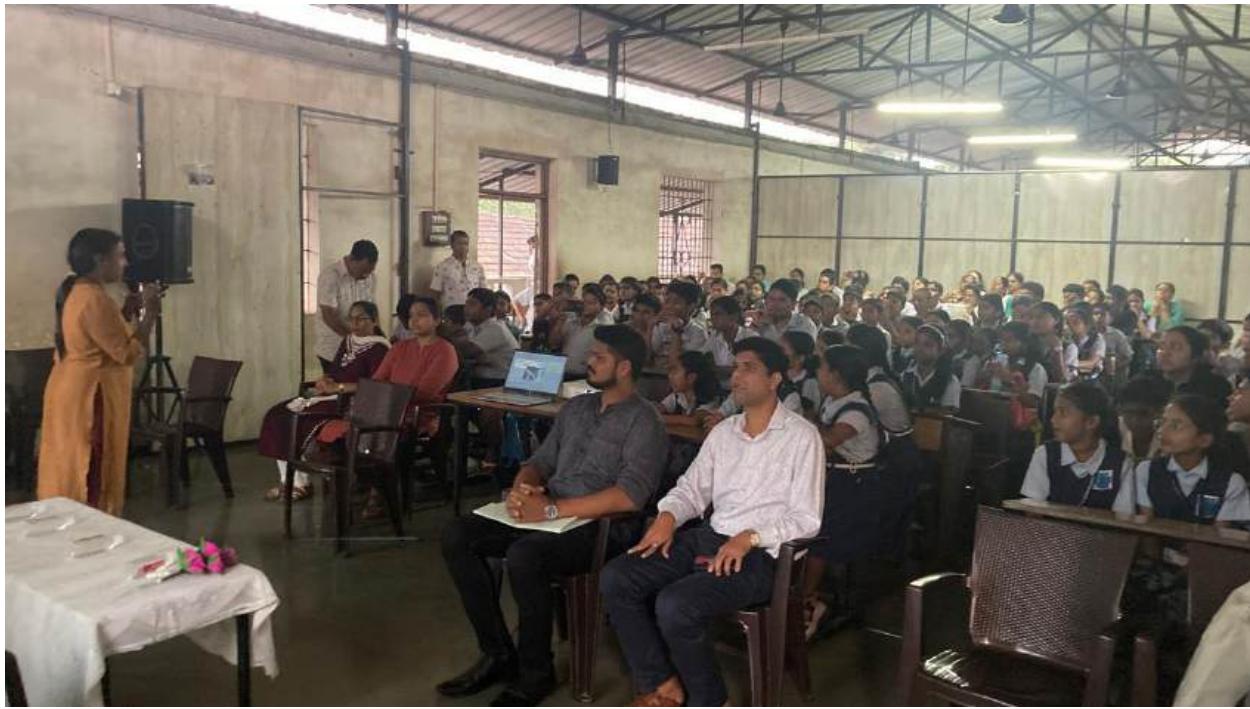
*R. Dessai*

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: Dr. Reshma Raut Dessai addressing students through an educational outreach session.**



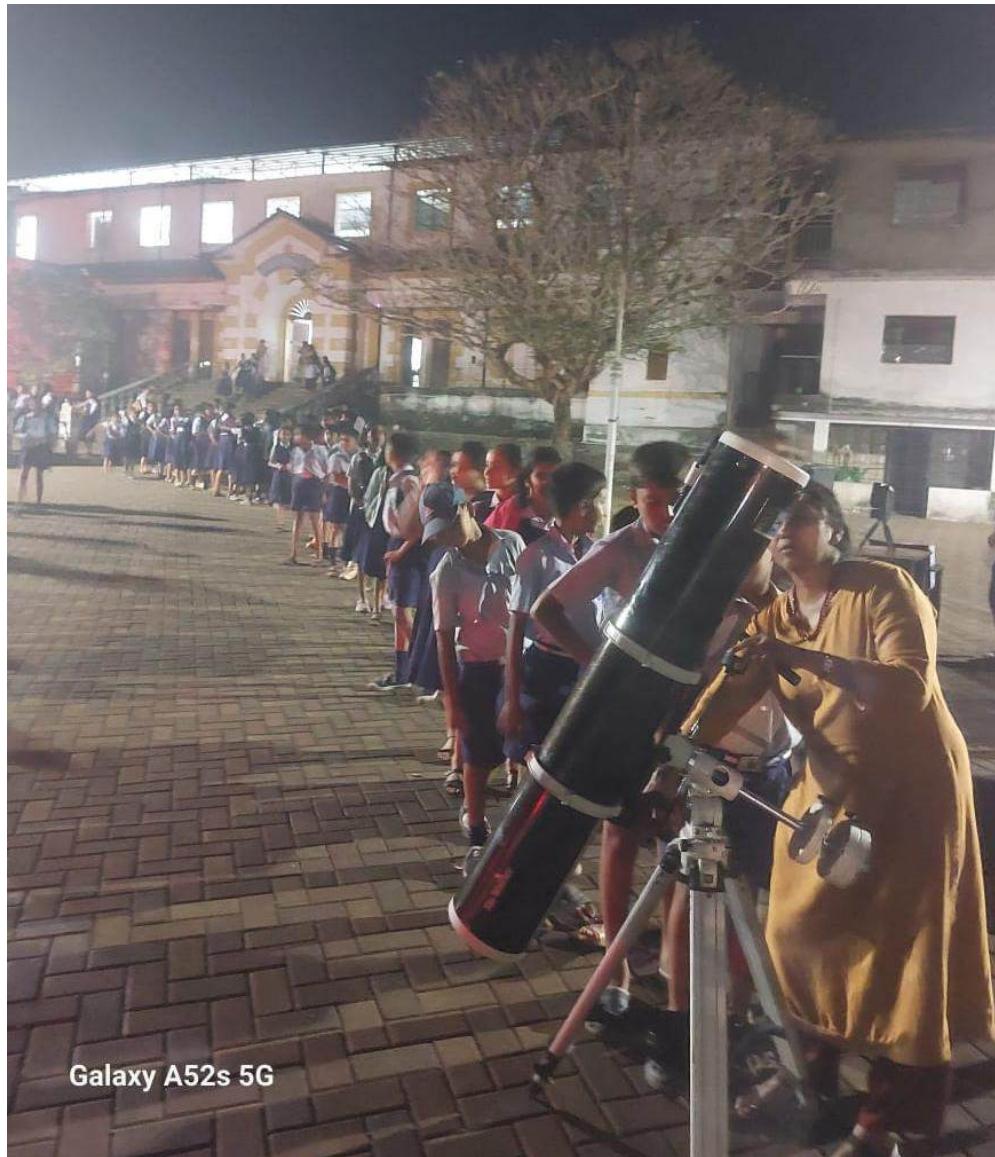
**Photo 2: An engaging quiz conducted as part of the educational outreach program.**



**Photo 3: Motivating students through prizes for active participation in the astronomy quiz**



**Photo 4: Smiling faces after receiving prizes on Astronomy quiz**



**Photo 5: enthusiastic students waiting fro their turn to look through telescope**



**Photo 6: Group Photo**



**Photo 7:**



**Photo 8:**



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

VENUE: Viscount High School Pernem,

Goa

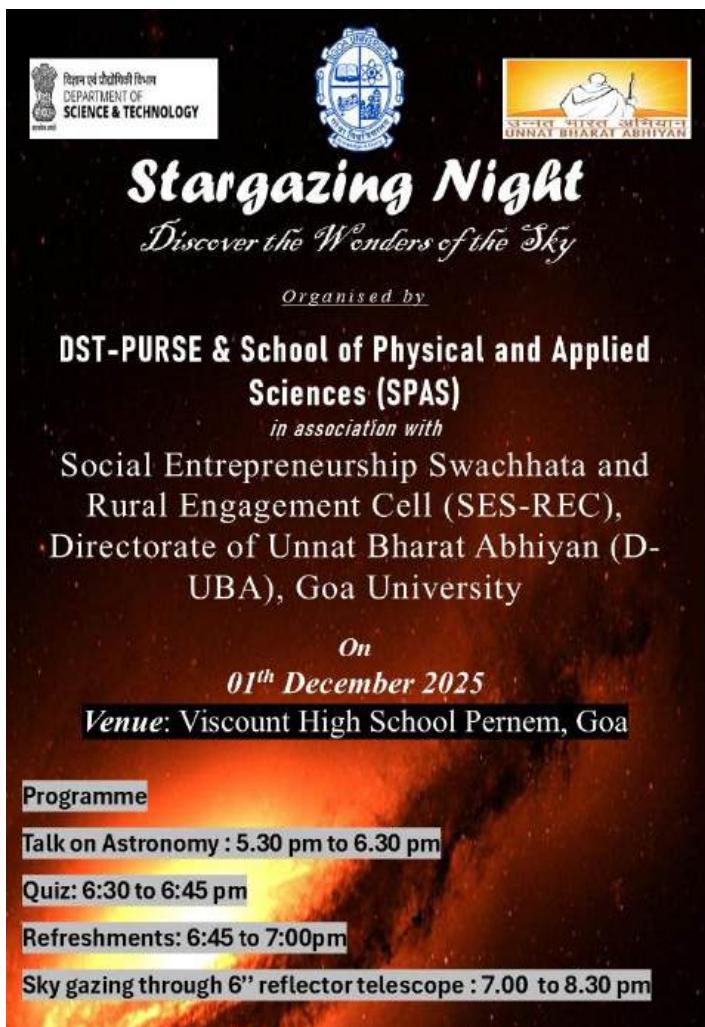
Date: 29<sup>th</sup> November, 2025

Talk: 5:30 pm to 6:30 pm

Sky gazing through 6" reflector telescope

6:30 pm to 8:30 pm

### BANNER



The banner features the logos of the Department of Science & Technology, Goa University, and Unnat Bharat Abhiyan. The text "Stargazing Night" is prominently displayed in large, bold letters, with the subtitle "Discover the Wonders of the Sky" in a smaller, italicized font below it. The banner also includes the organizing bodies (DST-PURSE & SPAS, SES-REC, UBA) and the date (01<sup>st</sup> December 2025). The background of the banner is a dark, textured image of a starry night 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*  
**01<sup>st</sup> December 2025**

**Venue:** Viscount High School Pernem, Goa

**Programme**

**Talk on Astronomy : 5.30 pm to 6.30 pm**

**Quiz: 6:30 to 6:45 pm**

**Refreshments: 6:45 to 7:00pm**

**Sky gazing through 6" reflector telescope : 7.00 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

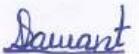
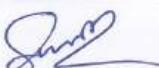
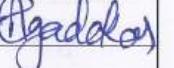
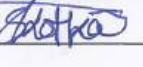
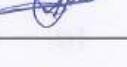
Social Entrepreneurship Swachhata and Rural Engagement Cell (SES-REC), D-UBA, Goa University

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

VENUE: Viscount High School Pernem, Goa

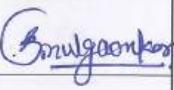
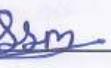
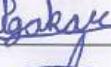
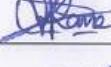
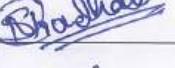
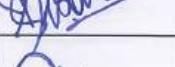
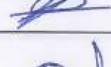
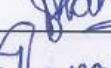
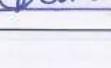
## ATTENDANCE

Sr. No	Name	Standard	Sign
1.	Lokesh Parsekwar	IX - A	<u>lokesh</u>
2.	Tukaram Aces	XI - B	<u>TAEER</u>
3.	Shreyash Raul	IX	<u>Shreyash</u>
4.	Luvy.s.talaunekar	II A	<u>luvy</u>
5.	Kartik.D.Insukkar	VI	<u>Dineshkar</u>
6.	Piyush.A.Toraskar	VII A	<u>Piyush</u>
7.	Yash Satardekar	II - B	<u>Yash</u>
8.	Rudra.R.Kerkar	V - B	<u>Rudra</u>
9.	Sarvam.s.korgaokar	VI - B	<u>Sarvam</u>
10.	Tanvi.Vasant.karapurkar	6 - B	<u>Tanvi</u>
11.	Santya.Y.Harmalkar	X - A	<u>Santya</u>

Sr. No	Name	Standard	Sign
12.	Sainy Apule	VII A	
13.	Nitya Sawant	VII B	
14.	Mansi. Grawas	VII A	
15.	Anni Pandit	III B	R.R.Pandit
16.	Aliya Parab	II <sup>nd</sup> A	
17.	Sunita S. Naik Desai	IV A	
18.	Utkarsh N. Sawal	IV A	
19.	Daksh D. Matondkar	VIII B	
20.	Daksh. G. Shetkar	VI A	
21.	Anant-M. Rane	VIII B	
22.	TANISHKA.M.NAGUNEKAR	VII A	
23.	Yash.Y. Palyekar	VIII B	
24.	Mayank.A. Nimbalkar	VIII B	M.N
25.	Ayush.C. Gadekar	VII B	
26.	Sanil .S. kotkar	VII B	
27.	Piyush.V.Bhagat	VII B	P.V.B
28.	Lakshit.P. Gaik	VII A	
29.	Chirag.L. Devji	VII B	
30.	Priyat�ush R. Salgaonkar	VII B	P.R.S
31.	Rihan . R. Parab	VI A	R.R.P

Sr. No	Name	Standard	Sign
32.	Aaryan .A. Palav	VI A	<u>A</u>
33.	Krishna Rane	VI B	<u>K</u>
34.	Devansh A. P. Arolekar	VII B	<u>D</u>
35.	Dinesh P. Baluti	VI A	<u>Dinesh</u>
36.	Rishabh A. Parab	VI B	<u>P</u>
37.	Vighnesh S. parab	VI A	<u>VSP</u>
38.	Malhar. S. Ajgaonkar	VA	<u>MAJAD</u>
39.	Medhansh. S. Ajgaonkar	IX A	<u>Medhansh</u>
40.	Aniket.D. Savantkar	IX B	<u>Aniket.</u>
41.	Arnav. H. Mote	IX B	AHM
42.	Sanskar. A. Shirodkar	IX A	<u>Sas</u>
43.	Rashi.R. Pednekar	VA	<u>Rashi</u>
44.	Chancy .N. Asolkar	VA	<u>Chancy</u>
45.	Shayna.U. Asolkar	VA	<u>Shayna</u>
46.	Kritika.A Shirodkar	VA	<u>K</u>
47.	Pranjal . A. Kerkar	VA	<u>P</u>
48.	Suniti .S. Naik Desai	VA	<u>Desai</u>
49.	Divyashri .S. Mhaldar	VA	<u>Dhaldar.</u>
50.	Riddhi .R. virnalkar	VA	<u>R</u>
51.	Shrishti .S . Haldankar	VA	<u>S</u>

Sr. No	Name	Standard	Sign
52.	Mansi .D. Italdankar.	VI A	(Mansi)
53.	Mahika -R. mayolkar	VI B	Mahika
54.	Harshada .D- Rawool	VI B	H.D.R
55.	Swara S. Ravthankar	VI <sup>th</sup> B	(Swara)
56.	Durva .G. Kinglekar	VI B	(Durva)
57.	Avni .A. Parab	VI B	Avni
58.	Ravi .P. Naik	VI B	(Ravi)
59.	Chetna P. shethkorgaonkar	VIII A	(Chetna)
60.	Ridhima V. Mavlankar	VIII A	Ridhima
61.	Daksh D. Torastkar	VI B	(Daksh)
62.	Sangharsh S. Tandekar	VI B	S. S.T.
63.	Vasudev .P. Pednekar	X A	(Vasudev)
64.	Vismay . H. Asolkar	X A	(Vismay)
65.	Samarth M. Gudekar	X A	(Samarth)
66.	Karishma D. Gawandoli	VII A	(Karishma)
67.	Sitvi -v. Gadepkar	X A	(Sitvi)
68.	Ayushi .A. Uguelkar	IX A	Ayushi
69.	Gorantha .S. Bhaidkar	VII B	(Gorantha)
70.	Shuban .S .chari	VII B	(Shuban)
71.	Aarav A. Upadhyay	VII B	(Aarav)

Sr. No	Name	Standard	Sign
72.	Nayya N. Kerkar	IX - A	
73.	Saloni S. Chari	IX - A	
74.	Rashi S. Asolkar	VIII - A	
75.	Asmi S. Asolkar	VIII - A	
76.	Asmita D. Mulgaonkar	VIII - A	
77.	Siddhi M. Mulgaonkar	IX - B	
78.	Shrushti S. Mulgaonkar	VIII - B	
79.	Riddhi M. Mulgaonkar	IX - B	
80.	Ram B. Mayekar	IX - B	
81.	Prawin G. Arondekar	IX - A	
82.	Vedant G. Rane	IX - B	
83.	Shreya N. Gondhali	IX - B	
84.	Asmi P. Pandit	IX - B	
85.	Sanvi M. Devji	IX - B	
86.	Nisha E. Nagvekar	X - A	
87.	Divya S. Nadkarni	X - A	
88.	Daksh G. Malik	VII - A	
89.	Priya N. Pednekar	VI - A	
90.	Pihal S. Mahale	V - A	
91.	Tanayya T. Kauthankar	VI - A	

Sr. No	Name	Standard	Sign
92.	Mrs. Sushma Gawade	Teacher	<u>Gawade</u>
93.	Mrs Deepika Tamhat	Teacher	<u>D</u>
94.	Ms. Chabubhi Arondekar	Teacher.	<u>Ch.</u>
95.	Mrs. Shreesha Ghogle	Teacher	<u>Ghogle</u>
96.	Mrs. Sangita Velip	Teacher	<u>S.V.</u>
97.	Mrs. Swati Pednekar	Teacher	<u>SP</u>
98.	Mrs. Pooja Shet	Teacher	<u>Shet</u>
99.	Mrs Divya Kerkar	Teacher	<u>DK</u>
100.	Mrs. Sneha Gadkari	Teacher	<u>Sneha</u>
101.	Mrs. Sudata A. Upadhyay	Teacher	<u>Upadhyay</u>
102.	Miss Vedika P. Shet	Student	<u>V.P.</u>
103.	Mrs. Pratima P. Naik	Parents	<u>Naik</u>
104.	Mrs. Vaishali A. Parab	Parents	<u>Parab</u>
105.	Mrs. Sadhna S. Tandale	Parents	<u>S.S.Tandale</u>
106.	Mrs. Pravina R. Mayekar	Parents	<u>Pravina Mayekar</u>
107.	Mrs. Suhani S. Naik Desai	Parent	<u>Desai</u>
108.	Mrs. Richa A. Parab	Parent	<u>Richa Parab</u>
109.	Mrs. Radhika Pandit	Parent	<u>Radhika</u>
110.	Mrs. Madhura S. Ajgaonkar	Parent	<u>Madhura Ajgaonkar</u>
111.	Anita Ugalekar	Parent	<u>Anita Ugalekar</u>

Sr. No	Name	Standard	Sign
112.	Diphi D. Kawoo	<del>Satya</del>	<u>Diphi</u>
113.	Diya D. Desai		<u>Desai</u>
114.	Raghunath P. Pandit		<u>Pandit</u>
115.	Riya Gawade		<u>Riya</u>
116.	Khushna Kankli		<u>Kankli</u>
117.	Nikrant Naik		<u>Nikrant</u>
118.	Nanyar Nagarkar		<u>Nanyar</u>
119.			
120.			
121.			
122.			
123.			
124.			
125.			
126.			
127.			
128.			
129.			
130.			
131.			

Sr. No	Name	Standard	Sign
132.			
133.			
134.			
135.			
136.			
137.			
138.			
139.			
140.			
141.			
142.			
143.			
144.			
145.			
146.			
147.			
148.			
149.			
150.			
151.			