



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
2. Date and Time	26 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 Dr. Narayan Ventrekar, Assistant Prof. in Electronics SPAS Mr. Mudraj Pagi, Assistant Prof. in Mathematics SPAS
7. Number of Faculty attended/participated	21
8. Number of Student attended / participated	251

9. No. of external students/faculty/other participants	80
10. The objectives of the Program/activity/event	• 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	The event was held at Somnath English High School, Savargal Kirlapal Dabal, Dharbandora, Goa, as part of science outreach and astronomy awareness initiatives. A total of 250 students and 101 teachers and parents participated in the programme. 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 and prizes were presented to the students. 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.
12. Benefit/Key outcomes of the Program/activity/event	• 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
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. 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: Talk on wonders of universe by Dr. Reshma Raut Dessai



Photo 2: Students exploring Universe through telescope



Photp 3: Curious students watching moon



Photo 4: Curiosity meets technology: watching andromeda galaxy through AI powered telescope



Photo 5: Learning to identify constellations



Photo 6: Group photo with students and teachers of the school

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: Somnath English High School
Savargal Kirlapal Dabal Dharbandoda Goa

Date: 26th November 2025

Talk : 6:00 pm to 7:00 pm

Sky gazing through 6" reflector telescope

7:00 pm to 8:30 pm

BROCHURE

**NIGHT SKY
OBSERVATION
PROGRAMME**

Join us for a evening under ther stars!

Nov 26, 5:30-8:30 PM
Somnath English High School

View planets, stars & constillations
through telescopes.

Open to students, parents & community members.

No school bus facility available, arrange own transport.

See you there!

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

26th November 2025,

VENUE: Somnath English High School Sawargal Kirlapal Dabal Dharbandora Goa

Resource Persons

Dr. Reshma Raut Dessai; Dr. Narayan Vetrekar; Dr. Aniketh Gaonkar; Mr. Mudraj Pagi

ATTENDANCE

Sr. No	Name	Standard	Sign
1.	Purab	V	Purab
2.	Tahmay	IV	B
3.	Sai	IV	Sej
4.	Aayushk	III	to
5.	Sahil	III	S
6.	Gaonkar Pratik	VII	Pratik
7.	Anish varak	VI	Anish
8.	Parab Shourya	VI	Parab
9.	Gaonkar Sarvang	V	Sarvang
10.	Druv	III	Druv

Sr. No	Name	Standard	Sign
11.	G 2 N G 2 R A J	III	G 2 N G 2 R A J
12.	Vrushab Jadhav	II	—
13.	Pauvi Naik	III	<u>Pauvi</u>
14.	Deepdi Navarkar		<u>Deepdi</u>
15.	Nidham Navarkar		
16.	Tyuvvi Daul		<u>Tyuv</u>
17.	Grandhauv J. Naik	II	
18.	Krishna V. Valtav		<u>K</u>
19.	Soham S Graonkar	VII	<u>S</u>
20.	Babu N Zoro		<u>B</u>
21.	Soham Kirlapalkar	VIII B	<u>S</u>
22.	Naatik Zore	VIII B	<u>N</u>
23.	Mangaldeo Graonkar		<u>M</u>
24.	Japna Sawant		<u>J</u>
25.	Rashmi Bankar		<u>R</u>
26.	Abhishek Naik	VI	<u>A</u>
27.	Maheesh R. Naik	—	<u>M</u>
28.	Namita Naik	II	<u>N</u>
29.	Siddhi N. Naik	—	<u>S</u>
30.	Diksha N. Naik	—	<u>D</u>

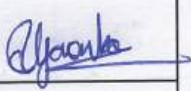
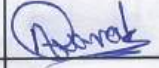
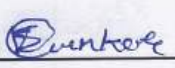
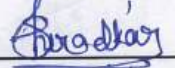
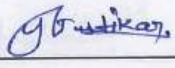
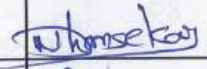
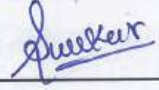


Sr. No	Name	Standard	Sign
31.	Divyata Damodas Gaonkar	IX A	<u>Divyata</u>
32.	Shalmali Raju Naik	IX B	<u>Shalmali</u>
33.	Shamika Raju Naik	IX B	<u>Shamika</u>
34.	Vanshika Prakash Gaonkar	X B	<u>Vanshika</u>
35.	Tanisha Bhaskar Gaonkar		<u>Tanisha</u>
36.	Kanishka Bhanudas Gaonkar		<u>Kanishka</u>
37.	Samitsha Chandrakant Salavi		<u>Samitsha</u>
38.	Sachi S Sawant		<u>Sawant</u>
39.	Prasansha P. Palkar		<u>Prasansha</u>
40.	Swarali S. Gaonkar	VI	<u>Swarali</u>
41.	Mohita M. Gaonkar	VI	<u>Mohita</u>
42.	Swarali A. Dessai	VI	<u>Dessai</u>
43.	Deekshita S. Sawant	VI	<u>Sawant</u>
44.	Gautami J. Shirodkar		<u>Gautami</u>
45.	Sonam Vijay Gasavi	VI	<u>Sonam</u>
46.	MAHJ SANJOSH LAMANI	V	<u>MAHJ</u>
47.	Shaina S. Karmalkar	XA	<u>Shaina</u>
48.	Pranika K. Gaonkar	XA	<u>Pranika</u>
49.	Saloni S. Naik	XA	<u>Saloni</u>
50.	Triya N. Dessai	XA	<u>Dessai</u>

Sr. No	Name	Standard	Sign
51.	Saharsha Vasu Gaonkar	X - A	Gaonkar
52.	Vaibhavi Ankush Gaonkar	X - B	Gaonkar
53.	Tanvi Navnath Gaonkar	X B	Gaonkar
54.	Vaishnavi Kushali Gaonkar	X - B	Gaonkar
55.	Rudra Deepak Velip	VIII - A	Velip
56.	Hiyati Velip	-	<u>Velip</u>
57.	Anushka Bhanudas Gaonkar	VII	Gaonkar
58.	Tanushree .P. Shetty	VII	Shetty
59.	Vidhi L. Gaonkar	VII	Vidhi
60.	Piesha A. Velip	VII	<u>P Velip</u>
61.	Aarohi T Gaonkar	<u>VII</u>	<u>Gaonkar</u>
62.	Anushka .Ashok. Gaonkar	<u>VII</u>	<u>Gaonkar</u>
63.	Sanaya .S. Gaonkar	VII	<u>Gaonkar</u>
64.	Vanshika K. Shirodkar	VII	<u>Shirodkar</u>
65.	Shreya .S. Gaonkar	VII	<u>Shreya...</u>
66.	Triushali .M. Gaonkar	VII	<u>Gaonkar</u>
67.	Urmila Sawant Dessai	-	<u>Dessai</u>
68.	Daksha S. Dessai	VIII B	<u>Dessai</u>
69.	Vaishali .S. Naik	IX A	<u>Naik</u>
70.	Supriya-K Zangli	VII	<u>Zangli</u>

Sr. No	Name	Standard	Sign
71.	Nikita N. Zangli	VII	
72.	Karishma D Gaonkar	VII	
73.	Parthavi R. Gaonkar	X-A	
74.	Nishka R. Gaonkar	X-A	
75.	Saushthi S. Patil	X-A	
76.	Isha P. Naik	X-A	
77.	Reshma S. Naik	X-A	
78.	Shamal Gaonkar	To.	
79.	Kirti S. Chalwadi	IX B	
80.	Manasvi V. Gaonkar	IX B	
81.	Gimran S. Gaonkar	VI	
82.	Dipiksha R. Gaonkar	VII	
83.	Vanmayi V. Gaonkar	V	
84.	Shloka S. Gaonkar	IV	Shloka
85.	Vashnavi V. Gaonkar	XA	
86.	Vedika V. Naik	XB	
87.	Urvashee B Gaonkar	XB	
88.	Anushka A Gaonkar	XA	
89.	Sakshi K Gaonkar	XB	
90.	Sarvi Megari	II	

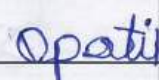
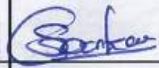
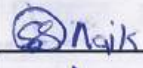
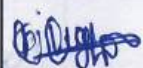


Sr. No	Name	Standard	Sign
91.	Pntam Karmalkar	Teacher	
92.	Diksha Bhat	Teacher	
93.	Ami Gaonkar	III	Ami
94.	Sanjana Nagannawar	X-B	Sanjana
95.	Aliya Chaparaband	VIII A	Aliya
96.	Yashoda kallimani	X B	Yashoda
97.	Purnvi Nagannawar	II	
98.	Shravi Madkaurkar	II	—
99.	chaitali Gaonkar	—	
100.	Mohit Gaonkar	VI	—
101.	Archana Juvak	VIII A	
102.	Vividha Gaonkar	VIII A	
103.	Siya varak	VIII A	Siya
104.	Samiksha zangli	IX B	Samiksha
105.	Saiyanka Shisodkar	VIII B	
106.	Yashoda Gastiker	—	
107.	Shorsha Gaonkar	I	—
108.	Sheela Patil	Teacher	
109.	Nikita Dhamsekar	Teacher	
110.	Mrs. Sharmila Gaonkar	Teacher	

Sr. No	Name	Standard	Sign
111.	Tr. Piyusha Naik	Teacher	
112.	Mansi Gaonkar	VII	Mansi
113.	Sonali Gaonkar	VIII	Gaonkar
114.	Sidhi Gaonkar	VIII	Sidhi
115.	Shrisha Sawant Dessai	IX	S.Dessai
116.	Ashvita Gaonkar	IX	Ashvita
117.	Arani Gaonkar	V	Arani
118.	Dhanyata ZORE	IV	Dhan.Yata
119.	Poochi Hembaram	VIII	Poochi
120.	Vinita Talwar	VIII	Vinita
121.	Dikshita sawant	V	Dikshita
122.	Sanvi Zore	III	Sanvi
123.	Shrisha Gaonkar	VIII	Shrisha
124.	Rupal Bethodkar	X	Bethodkar
125.	Riya Zore	X	Riya
126.	Swadrupta Vijay Taxi	X	Swadrupta
127.	Kecanti Sawant	X	Sawant
128.	Shruti Sawant	II	—
129.	Nidhi Naik	II	—
130.	Devika	IV	—



Sr. No	Name	Standard	Sign
131.	Shresha	IV	-
132.	Vikita V. Gaonkar	V	-
133.	Lavanya S. Gaonkar	V	-
134.	Grishma L. Gaonkar	V	-
135.	Anvita G. Gaonkar	IV	-
136.	Druvi G. Naik	V	-
137.	Umera A. Chapparband	VI	uness
138.	Gaisha O Naik	VI	Naik
139.	Aparshi Chasi	VI	Aparshi
140.	Pratiksha Sawant	VI	P. Sawant
141.	Tejvika Gaonkar	VI	Tejvika
142.	Dimple Gaonkar	V	-
143.	Mrs Praywale Barchal	Hendmestress	Praywale
144.	Mrs. Suditi Tendulkar	Asst. Tr	Suditi
145.	Vinay Gawde		Vinay
146.	Sushant A. Naik		Sushant
147.	Romant Ganes		Romant
148.	Jessie B. Gawde		Jessie
149.	Sachin B. Gawde		Sachin
150.	Subes P. Naik		Subes

Sr. No	Name	Standard	Sign
151.	Abul Gaonkar	Ex - student.	
152.	vignesh patil	IX B	
153.	Sanjish S. Gaonkar	IX A	
154.	Mayurh Gaonkar	V	—
155.	Sarthak Naik	V	—
156.	Atesh Padwal	V	—
157.	Prithom Talwar	V	—
158.	Shekhar Gaonkar	V	—
159.	Sanvesh Dessai	V	—
160.	Parthvik Desai		—
161.	Dhravsh Gaonkar	II	—
162.	Pnyunsh Dessai	IV	—
163.	Samarth S. Naik	VI	
164.	Swayam S. Gaonkar	VI	
165.	Goutam S. Gaonkar	VI	
166.	Vignesh V. Grawas	VI	
167.	Vismay V. Naik	VI	
168.	Naksh V. Zaangli	VI-IV	
169.	Tanay V. Gaonkar	IV	
170.	Ravi Naik	IV	—



Sr. No	Name	Standard	Sign
171.	Rishm	I	—
172.	Samakoh Gaonkar	IV	—
173.	Ansh Gaonkar	III	—
174.	Kyashil Gaonkar	II	—
175.	Nehal Kudgal	II	—
176.	Pratik Khedkar	IV	—
177.	Sarang Parab	IX	Pratik
178.	Kalpesh Tilgar	IX	Pratik
179.	Samarth Gaonkar	IX	Pratik
180.	Shaunak Naik	IX	Pratik
181.	Sankalp Gaonkar	IX	Pratik
182.	Manvik Velip	IV	Mein
183.	Parth Sawant	IX	Pratik
184.	Niki Naik	VIII	Pratik
185.	Satvik Gaonkar	IX	—
186.	Pratik Prince Naik	II	—
187.	Riyansh Shirodkar	II	—
188.	Saihat chawadi	IX	Pratik
189.	Darsh Naik	IX	Pratik
190.	Dhiraj Pelp	—	—

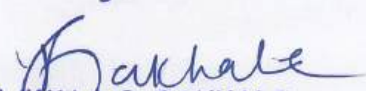
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191.	Dhruv Sabardeken	<u>IX</u>	<u>Sabardeken</u>
192.	Rahul Jangli	<u>IX</u>	<u>Jangli</u>
193.	Piptesh Sawant	<u>VIII</u>	<u>Sawant</u>
194.	Rudra Jadhav	<u>VIIIth</u>	<u>Jadhav</u>
195.	Baban Gaonkar	<u>VIII</u> A	<u>Gaonkar</u>
196.	Gandharv Gaonkar	<u>VIIIth</u> A	<u>Gaonkar</u>
197.	Vendant Salavi	<u>VIIIth</u> A	<u>Salavi</u>
198.	Shriya Naik	<u>X</u> A	<u>Naik</u>
199.	KARAS Naik	<u>VI</u>	<u>Naik</u>
200.	Abhinav Velip	<u>VIII</u> B	<u>Velip</u>
201.	Abhik Gaonkar	<u>VIII</u>	<u>Gaonkar</u>
202.	Pratik Gaonkar	<u>VIII</u>	<u>Gaonkar</u>
203.	Shivam Jadhav	<u>VII</u>	<u>Jadhav</u>
204.	Sakham Karmalkar	<u>N</u>	
205.	Swayam Gaonkar	<u>XIII</u>	
206.	Soham Gaonkar	<u>XIII</u>	
207.	Shivam Gaonkar	<u>XIII</u>	
208.	Suryansh Gaonkar	<u>XIII</u>	
209.	Mayank Gaonkar	<u>VIII</u>	
210.	Sparsb Gaonkar	<u>III</u>	



Sr. No	Name	Standard	Sign
211.	Vighnesh Naik	X	
212.	Maharsh Sawant	X	
213.	Kaushik Gaonkar	X	
214.	Kunal Gaonkar	X	
215.	Vinesh Talwar	X	
216.	Ardya Gaon-Velip	X	
217.	Aarav Velip	✓	
218.	Mohan Gaonkar	XIII	
219.	Sailaksh Naik	IX	
220.	Rishab Gaonkar	IX	
221.	Gauraksh Velip	IX	
222.	Shivishetty	X	
223.	Saksham Gaonkar	X	
224.	Sohan Dessai	X	
225.	Swayam Naik	X	
226.	Yogansh Gaonkar	X	
227.	Pratish Naik	X	
228.	Barkelo Gaonkar	X	
229.	Shreyagh Gaonkar	VIII	—
230.	Alfar Chappaband	XIV	

Sr. No	Name	Standard	Sign
231.	Kishor Kishor Kelapule	X	
232.	Abhinav Gaonkar	X	
233.	Yudnya Gaonkar	X	
234.	Pradhep Palwar	X/III	
235.	Vipul Nagrekar	VII	
236.	Viren Chaudr	✓	
237.	Aresha Velip	—	Velip
238.	Deepali Khedekar	—	Khedekar
239.	Sairaj Gaonkar	Te	Gaonkar
240.	Praneeta Gaonkar		Gaonkar
241.	Ratika Gaonkar		Gaonkar
242.	Kanya Sawant Dessai	V	Kanya
243.	Rejashree Nargund		RN
244.	Sheela Salavi		sal
245.	Chandresh Sawant	Teacher	Chandresh
246.	Sneha Naik	Teacher	Sneha
247.	Deepraj Borkar	Teacher	Deepraj
248.	Poo Tanaya Rivankar	Teacher	Poo Tanaya Rivankar 26/11/2025
249.	Darshan Hamulkar	Teacher	Darshan




 MRS. PRAJWALA G. BAKHALE
 HEADMISTRESS
 SOMNATH ENGLISH HIGH SCHOOL
 SAVARGAL-KIRLAPAL
 DHARBANDORA, GOA

250. Prachita Dessai
251. Supriya Redkar

Dessai
Redkar

Teacher

Bakhale
MRS. PRAJWALA G. BAKHALE
HEADMISTRESS
SOMNATH ENGLISH HIGH SCHOOL
SAVARGAL-KIRLAPAL
DHARBANDORA-GOA