



Goa University

**School of Physical and Applied Sciences & Social Entrepreneurship
Swachhata and Rural Engagement Cell (SES-REC) D-UBA,**

Goa University

Report on Sky Gazing and talk on Observational Astronomy at Bamanbhat Cujira Santa Cruz Goa

1. Title of the Event/Activity/program	Sky Gazing and talk on Observational Astronomy
2. Date and Time	13 th February, 2024 06:00 pm to 80:30 pm
3. Mode of conduct (Physical/Online)	Physical
4. School/ Directorate/ Section	School of Physical and Applied Sciences & Swachhata and Rural Engagement Cell (SES- REC) D-UBA
5. Collaborating Agency/School/Directorate	
6. Detail of the Resource Person (Brief biodata)	1. Prof. Jivan Parab, Professor in Electronics, SPAS Goa University 2. Dr. Reshma Raut Dessai, Assistant Professor in Physics, SPAS Goa University Visiting Associate of IUCAA Pune 3. Dr. Aniket Gaonkar, Assistant Professor in Electronics, SPAS Goa University
7. Number of Faculty attended/participated	4
8. Number of Student attended / participated	87
9. No. of external students/faculty/other participants	Nil

<p>10. The objectives of the Program/activity/event</p>	<p>1. The objective of talk on astronomy is to inculcate awareness about astronomical phenomena, latest development, discovery and to know new theories about different areas of astronomy to the general public & students/ teachers.</p> <p>2. Sky observation through telescope to see the moon features, planets, Nebula and clusters.</p>
<p>11. Description of the Program/activity/event</p>	<p>The faculties from School of Physical and Applied Sciences (SPAS) Goa University Prof. Jivan Parab, Dr. Reshma Raut Dessai, and Dr. Aniket Gaonkar along with phd student Krishna visited Orchard Avenue Bamanbhat Cujira Santa Cruz Goa on 13th Feb 2024 for Astronomy awareness Programme. Dr Reshma delivered audio visual talk on Observational Astronomy and Space Tourism. In her talk she urged the audience to appreciate our tiny presence in this Universe having 100 million Galaxies. She also explained how to observe various astronomical various phenomenon that occur during day and night like day and night, eclipses, transits, occultation etc. She showed them some photographs of different phenomenon taking place in space/sky during eclipse. Quiz for students and teachers on the talk delivered was conducted by Dr. Aniket Gaonkar and the prizes were presented to the winners. After the talk everyone gathered near the 6 inch reflector telescope and enjoyed the beauty of moon and its craters through telescope. The participants also enjoyed the view of Jupiter and its moons as well as orion nebulae through telescope.</p>
<p>12. Benefit/Key outcomes of the Program/activity/event</p>	<p>1. Communication about astronomy through talk, help general public to understand the beauty of Universe and to know where do we stand in the Universe. Understand the observational events in the sky and Career</p>

*

	options in science. 2. See the details of moon surface due to higher resolution through than one can see through naked eye. Observe the planets and the nebula.
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.

Dr. Reshma Raut Dessai

Dr. Reshma Raut Dessai
Assistant Professor, SPAS

[Signature]

Dean SPAS,
Seal of the School





Sky Gazing and talk on observational Astronomy
on
13 February 2024



Organized by School of Physical and Applied Sciences (SPAS) and
Social Entrepreneurship Swachhata and Rural Engagement Cell (SES-REC) D-UBA,
Goa University in association with ORCHARD Avenue Cultural Group, Bamanbhat Cujira,
Santa Cruz, Goa

VENUE: ORCHARD Avenue, Bamanbhat Cujira, Santa Cruz

Talk: 6.00 pm to 7.00 pm

Followed by

Sky gazing through 6" reflector telescope

7:00 to 8:30 pm

Coordinators

Prof. Jivan Parab

Dr. Reshma Raut Dessai

Dr. Aniket Gaonkar

Dr. Mridini Gawas

All are cordially Invited

The Orchard Avenue Co-Op Hsg Maintenance Society Ltd.

Bamon Bhat,Cujira,St.cruz,Tiswadi,Goa.

Registration No.ARCS/CZ/HSG/770/7/(d)/Goa dt 31/8/2017

Date: 14 feb 2024

To,
The Dean,
School of Physical and applied science.
Goa university, Taligao Goa.

Sub: Acknowledge the Sky gazing activity in Cujira village.

Sir,

We have pleasure to inform you that 03 faculty member along with 03 M.Sc students from school of physical and applied science conducted sky gazing activity at orchard avenue complex Bamanbhat, Cujira . Nearly 80+ people attended the program. Initial session on Astronomy was conducted by Dr.Reshma Raut Desai followed by quiz on astronomy for students by Dr.Aniket Gaonkar. Students of M.Sc mounted the telescope along with Prof. Jeevan Parab.

Children of kujira complex along with people enjoyed sky gazing in open ground, a warm gratitude to prof. Jeevan Parab, Dr. Reshma Raut Desai, Dr. Aniket Gaonkar and Msc. Students. Thank you, sir, for kind visit of Goa university faculty to a small village Cujira.

Looking forward for such sessions for community in future.

Thanking you,



Gurudas Borkar



Photo 1: Inaugural function of sky observation



Photo 2: Talk by Dr. Reshma on Observational Astronomy



Photo 3: Getting 6 inch reflector telescope ready for observation



Photo 4: Children observing moon through 6 inch reflector telescope



Photo 5: looking through the telescope



Photo 6: observation through telescope



Photo 7: SPAS team at valedictory function of sky observation