

Launch of “VYOMA – The Bhavan’s Astronomy Club”





Activities: 2022-23
Vyomotsav: A Space Adventure







Finally, the day arrived, the day which we had been waiting for, “Vyomotsav”. We kick-started the event with a great response. We invited Ravi Raja sir from Osmania University for the judge panel along with our previous club coordinator Amrutha Valli.

The event was inaugurated by our principal Dr.GSVK Choudary sir along with Mrs. B Niraimathi ma’am. We started the competition with Astronaire(Astro quiz) where the first round was a written quiz where students were given a few MCQ and were made to answer them. Out of the 12 teams (each team consists of two individuals), only 10 qualified for the next round. The next round was Dumbsharads, which made one from each team draw the word given to them and the other guess the word the team member is drawing, this was exciting as some of them were close to the word but couldn't guess it, but few of them gave lightning answers which was a shocker to us. Out of the 10 teams only 4 qualified for the competition.

We then started the next event Vishwa-Kala(Astro art). The name is self-explanatory, the participants were given a topic that was anything related to space, and we got to see some really amazing and abstract art from the participants. The next in our exciting lineup of competitions was the Debate competition Khagol-tarka(Astro debate), which had participants in teams of two squaring off against each other in sci-fi themed debate topics that brought out interesting insights keeping scientific creativity and the omnipresent question of sustainability at the forefront.

We still had our final round of quiz to be held, which was a rapid-fire round, this round we had the teams answer the questions within 1-2 secs when the questions were asked. The teams fought hard and tried to answer the questions as fast as possible, while some struggled to answer some questions, one team just soared through and answered all the questions perfectly

and we found our winning team. The day finally came to an end the event was over, looking back we had to break our heads and really push our limits to make the event a grand success. The winners were given a chance to attend a Journey to Space which was a chance to visit the Rangapur Observatory which was a night out.











Field Visit to Birla Science Museum on 24th January 2023







Winners List:

Sr. No.	Event Name	Date of Event	Winner's Name
1	Astronaire (Astro quiz)	25-02-23	1st - Sarandeep Singh & Harsha 2nd- Adarsh & Krishna
2	Vishwa-Kala (Astro art)	25-02-23	1st - B.Bilwa Karthik 2nd - Sanchi Agarwal 2nd - Karthik Nair
3.	Khagol-tarka (Astro debate)	25-02-23	1st- Shreya Bhasker & Kalvin 2nd- Sathwik & Neha

Field Visit to Rangapur Observatory on 25-02-2023 :List of students who went to the Observaotry:

1. Joshua2. Abel3. Girija 4. Nishant5. Shruthi Sree6. Deekshith7. Abhishek8. Harsha9. Adil10. Rishabh 11. Keertana12. Annan13. Paul14. Sravani15. Neeraj16. Chandana17. Kirti18. Prasanna19. Manasi20. Kavya21. Suman22. Amogh23. Vishwas24. Sunit 25. Amrutha26. Aaron27. Praneet28. Nithin29. Shreya30. Shrestha31. Eshwar 32. Bhavani

Report on the Visit to Rangapur Observatory:

The Rangapur Observatory trip was a week away and everyone was so excited to be part of the trip. The day finally came, when we could mesmerize ourselves with awe and wonder. The trip from our college to the observatory was magical. We were excited as well-being music lovers, the journey was filled with many songs, and we sang with our enthusiasm ever increasing. Sure, we had hiccups along the way but we finally reached it. The entrance to the observatory could make a non-believer in science, disciple of it. Never did we know that physics experiments could be shown in such a fun and entertaining way.

The moment we stepped into the open area on the first floor, we felt our hearts stop because the moment we looked up, we were hooked on a trance. The sky in the city is empty due to the light pollution, but the sky from the observatory was mesmerizing. Never have we seen so many stars so clearly in the sky. You could see constellations, the moon and the guiding pole star. It took me some time to recollect myself, we thought this night could not get any better, but we soon proved wrong, when they showed us through the eyes of a telescope, we showed the intricate details of the surface of the moon. To see the moon with such detail made me question how intricate the instruments are which helps you to see the craters and much more about the crescent-shaped moon. We wanted this memory to last a little longer. So we dismissed the idea of sleeping that night in the dormitory next to the observatory. We all found our cozy place to lie down and look at the stars which bewitched us to look and keep longing for it.

All throughout the night we got chances to see galaxies, globular clusters and much more. As we were getting late in the night, we felt sleepy, some of us slept, some of us chatted, and some of us were still mesmerized by the dark blue sky. Everyone expected it to be freezing cold but we didn't feel anything so we thought it would be fine without blankets, but how did we know that the drop in temperature would somewhere be at 4 in the morning? But still, we persevered on, as we wanted to extend this memory little by little, so that this memory will have immortalized in our life.

As it was nearing sunrise, we were hoping to see a sunrise which was one thing on everyone's bucket list they want to strike off. We still wanted the trip to last long but as it is told that all good things have to an end. As we started packing, we saw steps lead to a magical view of the forest surrounding the observatory. There was another telescope there forgotten in the sands of time. We bid our last goodbyes by taking photos, forever immortalizing our memories of it. The journey back to our normal lives felt sad as this one visit enlightened and broadened our minds. Everyone was tired, some basked in the rising sun and some drifted into their fantasy. Even though we have returned to our regular lives, we will never forget this path we had taken to look at a magical azure.





Samsung Quad Camera
Shot with my Galaxy A52s 5Gp

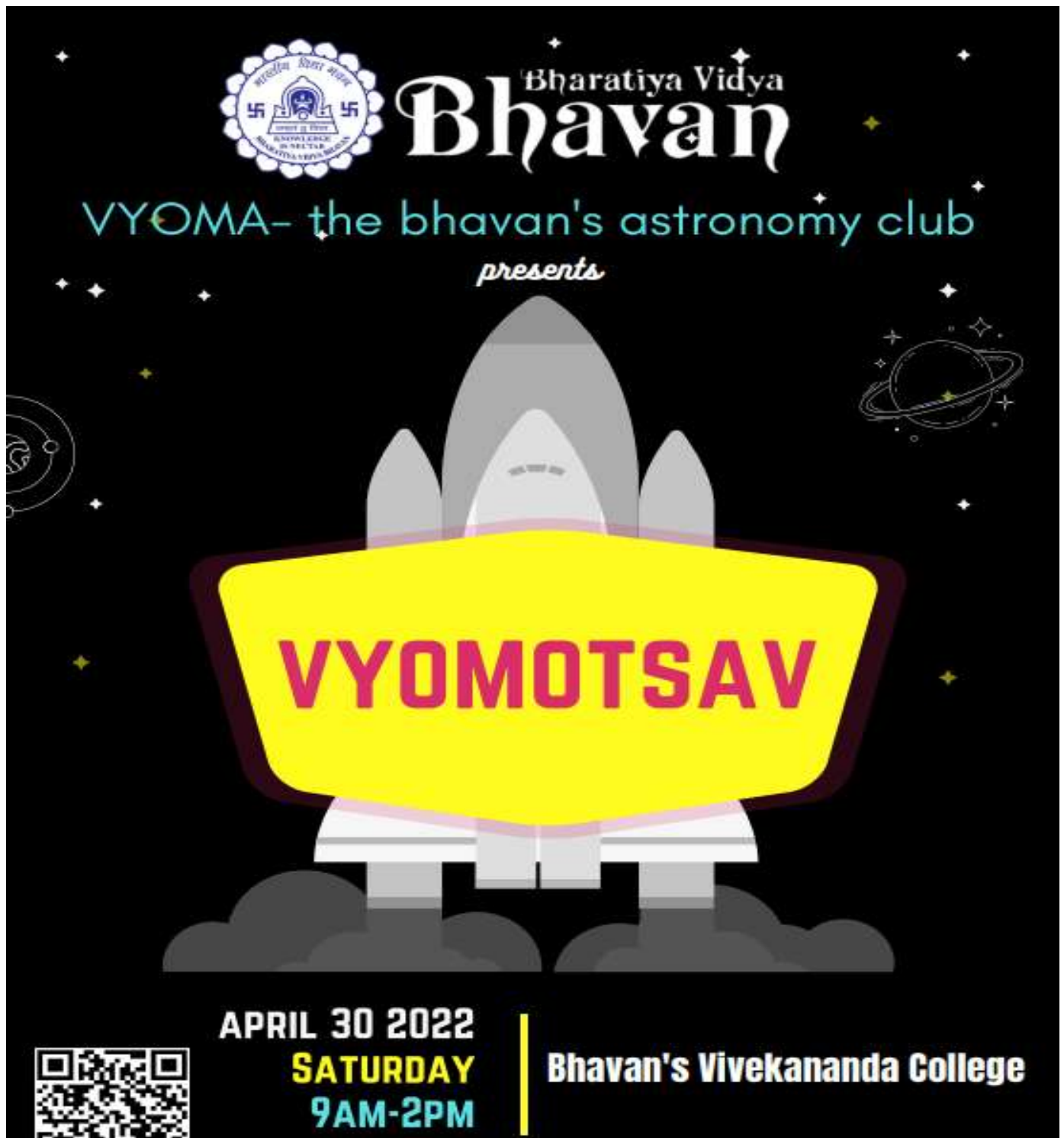





Lagoon Nebula Universe

Activities:

2021-22 VYOMA – The Bhavan's Astronomy Club Intercollegiate Event




 Bharatiya Vidya
Bhavan

VYOMA – the bhavan's astronomy club
presents

VYOMOTSAV

APRIL 30 2022
SATURDAY
9AM-2PM

Bhavan's Vivekananda College



THEME:

Micro-Presentation: Individual

Ancient civilization- contribution for space & technology

Classification of stars / Stellar bodies

Integrated approach in Science & Technology for Stellar data analysis

Posters: (Team of 2)

India so far and beyond (wrt space)

Astronauts & Astrophysicists

Astro-tales- Story writing competition (Individual)

Word Limit: 800- 1000 words

Conspiracy theories

Life on the other planets

Space Art- Painting/Sketching Competition (Individual)

Nebula/ Constellations

Astronauts/ Astrophysicists

Quiz (Team: 2)

Prelims: MCQs

Round 1: General

Round 2: General

Round 3: Picture based

Round 4: (Rapid fire)- Current affairs (30 s)

National

International

Round 5: (Optional)

Star Classification (Neutron Stars, Binary stars.....)

James webb space telescope

Solar Atmosphere

FORMAL EVENTS

1) MICRO PRESENTATION

TEAM SIZE : INDIVIDUAL

TIME LIMIT : 4-5 MINUTES

TOPICS:

A) ANCIENT INDIAN CIVILIZATION - CONTRIBUTION FOR SPACE AND TECHNOLOGY

B) LAUNCH VEHICLES

2) QUIZ

TEAM SIZE : 2

INFORMAL EVENTS

1) ASTRO TALES (STORY WRITING)

TEAM SIZE : INDIVIDUAL

TIME LIMIT : 30 MINUTES

TOPIC: CONSPIRACY THEORIES OR LIFE ON THE OTHER PLANETS

2) SPACE ART

TEAM SIZE : INDIVIDUAL

TIME LIMIT : 30 MINUTES

TOPIC: ANYTHING RELATED TO SPACE AND ASTRONOMY

Students Member of 2021-22 “VYOMA CLUB”

S.No	Name of the Student		
1	Amrutha Valli (BSc MPCs)	Student Coordinator	
2.	Aryaman Gupta	Student Coordinator	

Member of 2021-22 “VYOMA CLUB”

S.No.	Name	Group	Section	Year
1	A. Premjee	BSc. MEC's	B	3
2	A.Avinash	BSc MPCs	1A	2
3	Abel Benjamin	BSc MPCs	1A	2
4	Aditya	Life Sciences	MGC	2
5	Amrutha Valli yanamandra	Bsc MPCs	B	3
6	Anjana Rathour	BSc MPCs	1B	2
7	Anrudh Kumar	BSc MPCs	3B	3
8	Arun Thomas	B.Sc Life science	BtGC	3
9	avanish prakash gupta	B.Sc Life science	BSc MGC	3
10	B Veekshitha Nagasri	B. Com Computers	3A	3
11	B. Sunny solomon	B.Sc Life Science	BtGC	3
12	Bharadwaj	BSc MPCs	2A	2
13	Bhuvan Chandra	B.com	3A1	3
14	BLN satvik	Bcom	3H1	3
15	CA Aniketh	Bcom	3B	3
16	CH LAKSHMI MAANASA	BSc MECs	B	3
17	Chandana keerthi	Bsc MPCs	A	2
18	Devulapalli Akshara Varna Sai	B.Sc Life Science	MGC	2
19	Donthulashiva	Bcom Computers	2A2	2
20	G VAISHALI	BCom HBA	HBA 2	2
21	G Yuvraj	BSc MECs	1B	1
22	G.Bhavana	BSc MECs	1A	1
23	G.Teja	B.COM Computers	3A1	3
24	J S Bhavana	MBA	A	2
25	J Sri Girija	BSc MPCs	2A	2
26	J.Lakshmi Jyothirmai	BSc MSCs	3A	3
27	Joshua	BSc MPCs	1B	1
28	K Deekshith Reddy	BSc MPCs	2A	2

29	K. Mahitha	B.Sc Life Science	MGC-3	3
30	KARANAM VISHNAVI	BCA		2
31	M. Sravan kumar	BSc BtGC	Btgc	3
32	M.Raju	BSc (MSCs)	2A	2
33	Madanapalli Pragna	B.Sc(MPCS)		2
34	Manogna Bhavirisetty	B. Com HBA	HBA 2	2
35	Mashetty Srivani	BCom HBA	HBA 2	2
36	Nishanth Ambati	B.Sc MECS	1B	1
37	Nittala Sai Sri Sowmya	BCA		3
38	Nudurupati shailu sri varsha	BScLIFE SCIENCE	MGC-3	3
39	P KAJAMAINUDDIN	BA		2
40	P Nanda Krishna	BSc MPCs	1A	2
41	P.Abhishek	BSc MECs	1B	1
42	P.Gangotri	BSc MSCs	3A	3
44	Pragnyasree	B Com (Hons)	3H2	3
45	Pranati R Mulik	BScLIFE SCIENCE	MNDC	2
46	Prathik	BSc MPCs	2A	2
47	Prerna Waggmare	BScLIFE SCIENCE	MGC	3
48	Priyatham	BScLIFE SCIENCE	BtGC	3
49	R.Shruthi Sree	BSC	MPCS	2
50	Rachna R	B.Sc MPCs	A	3
51	Ranga Nandini Gupta	Bsc(MPCs)	A	2
52	Ravuri Malavika	Bsc.MGC	A	3
53	Rishabh Kalavai	BtGC	2	3
54	Sachin	BCom	3B	3
55	Saisreeja	B.Sc MPCs	A	3
56	Sakshi Chaturvedi	BCom	HBA 2	2
57	Sampson Cyrus	BScLIFE SCIENCE	BtGC	2
58	Shyam Sharma	BSc. MPCs	3B	3
59	Sreelaya	BSc MECs	2B	2
60	Sreelaya Revalla	BSc MECs	2B	2
61	Suhana	B.Com Computers	3A2	3
62	sultanasofiya83@gmail.com	B.Sc MPCs	1B	1
63	Talagama Chaitanya	BSc MECs	1 A	1
64	V. Nishant Varma	B.Sc MPCs	1B	1
66	VEMULAPATI S NAGA KANAKA MAHALAKSHMI	BSc MPCs	3B	3
67	Vinay	BSc MPCs	A	1
68	Vishaal Samala	B.Com Computers	3A2	3