## School of Chemical Sciences Goa University

REPORT on a talk on 'Why Gold Is Rare?' by Prof. Vithal Tilvi, GSHEC, DHE, Goa.

	GSHEC		
Activity	A talk on 'Why Gold Is Rare?' by Prof. Vithal Tilvi, GSHEC,		
	DHE, Goa		
Date and time	13/02/2024 at 11.30 am		
Faculty attended	12		
Students attended	134		
Participants	146		
The	Objective: To introduce the students the astronomical concepts of		
objective/description	beginning of Universe and how it led to the various elements on		
of the activity	earth and their composition.		
Of the activity			
	The talk was organised as a part of the Vidnyan Dhara 2024 lecture series by School of Chemical Sciences in association with the Go State Higher Education Council and Directorate of Higher Education, Goa.		
	Dr. Prachi Torney welcomed the audience and introduced the speaker. Prof. Tilvi explained to the students the process of origin and evolution of the universe which began 13.8 billion years ago from the big bang process. He also elaborated on the process of how stars are born and the production of various elements like H <sub>2</sub> , He, O <sub>2</sub> , C and Si and the time taken for their formation. He mentioned that apart from these elements, all the other elements were formed within 2 second and are less in abundance. He also presented his discoveries of some of the farthest galaxies and demonstrated the working of his portable telescope.		
	The talk was followed by interactive session with active participation from students and faculty members. The seminar concluded with Q&A session where students clarified their doubts and with a vote of thanks from Dr. Prachi Torney. The Dean of SCS presented a memento to the speaker as a token of appreciation.		
Benefit/Key outcome of the event	The students were enlightened on the process of origin and evolution of universe and its impact on the present composition of various elements. Students were mesmerized after knowing about the different processes that occur in the space.		

Faculty In-Charge

.

VALEIGAO PLATEA GOA OF CHEMIC

Dean, SCS

13/02/202h

1



Goa University School of Chemical Sciences in association with Goa State Higher Education Council and Directorate of Higher Education, Goa

## Organises Vidnyan Dhara 2024 Talk on the topic Why Gold is Rare?



Government of Goa Directorate of Higher Education



Date: 13<sup>th</sup> February, 2024 Time: 11.30 am Venue: Auditorium, SCS,GU.

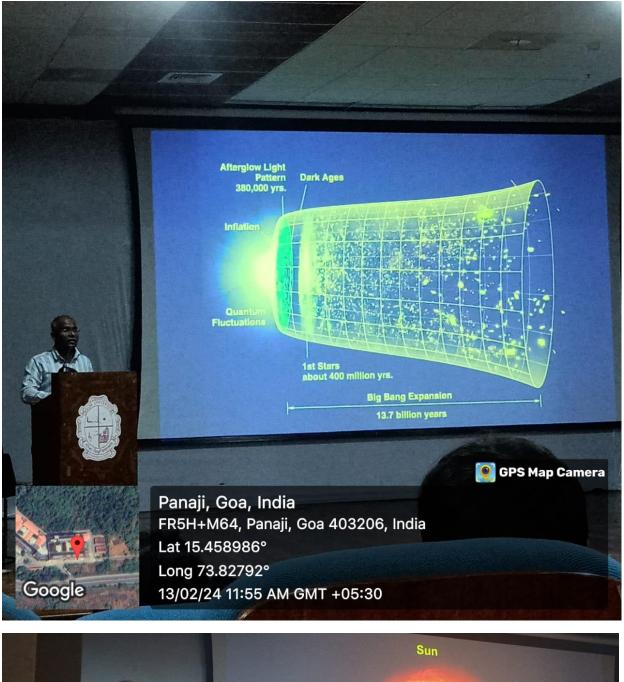
## Speaker: Prof. Vithal Tilvi,

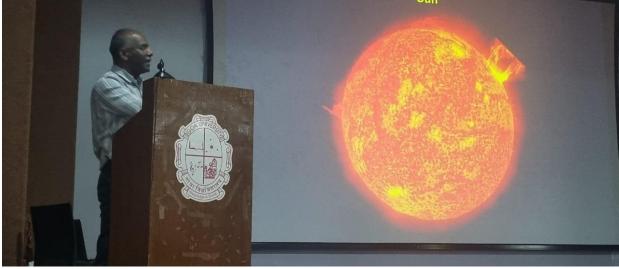
Professor, Centre for Research, Development & Innovation, Goa State Higher Education Council, Directorate of Higher Education, Goa

## All are Cordially Invited!!

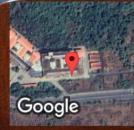
Dr. Prachi Torney, SCS Coordinator

Prof. V. M. S. Verenkar, Dean, SCS





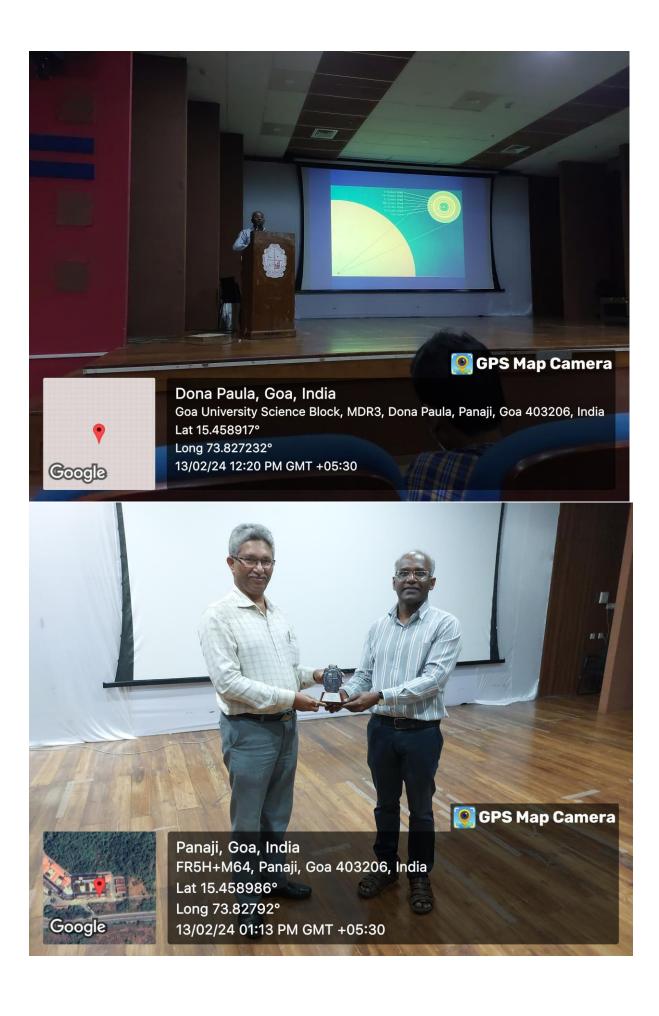


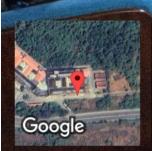


Panaji, Goa, India FR5H+M64, Panaji, Goa 403206, India Lat 15.458986° Long 73.827919° 13/02/24 11:43 AM GMT +05:30









Panaji, Goa, India FR5H+M64, Panaji, Goa 403206, India Lat 15.458985° Long 73.827918° 13/02/24 11:52 AM GMT +05:30

-

💽 GPS Map Camera





pde: 13.2.24 Seminar CVidhyan Dhasa 2024) 11:30am ume of the Speaker: Prof. Yithal Tilvi Title of the tack. : Why gold is searce. Attendance Name 3. NO . sign Kanchanmala Deshpande KED Amilá kharangatí Deepika Kozmatkar Au 2. Deepile. 3. Sauresha Shetgaonkar H. SAMANITHA DA COSTA. Marcisto 5. Rutuja Crawcy Baroay 6 Andpr Dweta Matondkar Fatondtar . 7. Trisha Matondkar 8 Gayatri Gawade Apulg . 9 Steff: Velpula 10 Roya M Wenddier Riceano 11 Jetter Mar 2 Ria Colaco 12 Deept: velip Showingi BhatKası Ravina S. Vaz poly-Allate. 13 PRUAZ 14 Phalen Alaurotti 15 Pratiksha. P. Thakur Sunsta B. Talikotti 16 - termine fin Rafig P.A Khan Shruti. R. chari 17 Spari 18 gol: TERENCE GODINHO 20 Albertik 21 Abhishek Rasaikan 22 Sarvanand Velip 23 Squrai Sattalley 84 Disha Grauns Shefali Ainfar 25 Giaile 86. Chaitali Nask 27 .

	Neha Savant	ala
28	Deepti Mohite	Ornahite
22 29	Elvista Colaco	Polos
23 30	Ankita Shirveikar	Star
24 3	Lakisha Graunekar	(Burnovag
25 32	Aksha s Chari	Aliani
27 23	Aksha S Charrie Shubhechsha Nuik	
27 34	Stubbecksha Nunc	
28 85	Shannon C. Mascastenbas Sweta Amare	Buss
29 36		
-20 37		
31:38	Sonali Gaonkar.	Alteres.
32 39	Shubuth GAVADE	thay.
33 40. 34 41.	PAVANKUMAR PATTL	toally
35 42	Apetsha H. Maik	
36 43	Vignesh R Naidu	
27 43	Siddhi K. Salgashkar	Halgaonton
37 44	In savily A. Kundai Kas	
38 45.	Dr. Delicip A · Barretto	Daiselle
3- 46.	Priyanka S. Modak	Quests
<u> </u>	Upma Gaonkar	Wenter
- 48.	Shivani S. Desai	Same
-49.	Asmita B. Phadte	thadle
50.	Puachi P. Vaidhya	Ngidya.
_ 51	Vaishnari V Grawas	Spansart
- 52.	Chandrakant S. Raut	Chart
- 53	Gagnesh D. Gaonkor	a tor
- 54	Deepti N. N. Claonkon	alik
- 55	Deepti N. Naik	Mana
-56	Aishioarya A. Vaigantar	Oriaigantal
- 57	miler i mavalantan	-Odthay
-58.	Anushka fulani	Brushte.
-	Arya Muli	Anulii
- 60	Aditya port Morgkan Mayank N Prakhudisa Frizh Singh Manishe A. Kample	Ame
60.	Mayank N Prakhudissi	mbugi
62 Dava	Manisha A- Kamble	thing contr

February 2024; 11:30 am; the by the file speaker: Poof Withal Tilvi le of the talk: why gold is name Attendance Normal Marik Rodrigues NO. Gonal Trismond 63 men -Rulaik 64 Nitosh Verzi 65 Rudrahsh Naik asy 66 Vaibhar Asoldar Sout GŦ Shreyash A. Sawant (Hor) 68 Harrish H. Maile in all to hashoos 69 Gaurang. V. Achovellas 70 Durande Jesher Elie Mirande F adulta Prathan V. Unitica 72 æ Kanti Mayanebal. 23 Mus. Manjusha Gankar 14 des Vined Mandrellen k Rel Rupesh Pahre FG Suc Shereester H. Khandeparlean 77 26 1 Naishnau? Gaude Agadyekar Sanka 19 Siddhika U Gamkar La 80 Samuel Flenandez 81 Bark PRATIK RAIKAR 22 Aolo Amisha Colaco Manadal 83 ada Dalisa Andrade 54 ti Kidi Aranjo 85 AS Vaishynavi A.S. Jambulkar to 37 Tanisha M. S. Mainjekan Eshita R. Kakodkar ar Vonali S. Gavada 84

	2022 gi III FALM	UNCONTRACT.
4	1 a Devota	least
a1.	Andrea C. Da costa	12
- A2 3	hes plange	Danual I
- 93	Prachi Terny	M
- 94	S.N. Ohner P.P. Morgles	Cul
* qt	p.p. Monofile R.S. Gad	tom
; ab	R.S. Gue	Contraction of the second seco
· 97	V.M.S. Virentian Grecia Olivoira	Tal.
<u>198</u>		das
- 99	Shanaia T. de Lung Foles	a thomasy
- 100	Nikila Kuman	4 Jus
4 101	Kante Kumari V Brid	Reduc
- 102	Huiddhi Bondre Nishanka Naik	apile
L 103 +	Nishanka Naik	1.000
3 104.	Shreya Gaunekar	Alland .
105-	Sonal Naik	Deville .
= 106.	Ifrah Shaik	Xent .
3101.	Sacha Khan	
108	Sneha Derivasur	(Aug
109	Sakshi Ran	
710	Ankita Tivrekar	Acar
- 111	-Akshata Gaonkor	Alaka
ttz	Namerata · Nauk	Orails
113	Amisha Ansurker	A w
114	Vruh Mayekar	Genteren
- 115	Parag Nauk	Phait
- 116	Harshad hande	Hart
-117 -1 1	Vishant Gaontar	Tour
-48	Vincesta Saudatito,	Klet
		pusite
-49	sejal Parritas	Sur.
120	sheffali Jena	AR
-121	Anusha Barbosa	and sold
122	Sangita Halder	nallas
-123	siya young	Flour
Consulti	a l'iliniti	and the second second

Sannudui Parkan Barber 124 Faizah Khan Pur. 125 Rupali Mestry Rest 186 Sujay Gawde Estande. 127 Gajesh Gaonker (courses) 128 Tejasure Gaonkar Ruentan 129 Senait Sainesh Naik 130 Beilan Pralay Deilear 131 Berkar Saishil Borkar 132 moc Roshni Makhwani 133 Joak . Samilisha Haile 134 States Mark 相對 lart Projer 156 Saines Doorth 137 Armita Nate Goonlas 139 Facesta Shanaia Dalasta 139 aftery an anavi OS. 140 Chodonkon Omkow 141 P ratar THR Inedal fan 143 Aning Sawant 144 S Ken Naik 145 Harishkumar D. Naik 146 3