



Goa University

School of Chemical Sciences (SCS)

REPORT on a talk on "Why Blue Light Emitting Materials?" by Prof. Ganesan PrabuSankar,
Professor, Department of Chemistry, IIT Hyderabad

Activity	"Why Blue Light Emitting Materials?" by Prof. Ganesan PrabuSankar, Professor, Department of Chemistry, IIT Hyderabad.
Date and time	13th March 2026 at 12.00 pm
Faculty attended	12
Students attended	43
Participants	55
The objective/description of the activity	Objective: The objective of the talk was to introduce postgraduate and doctoral students to the fundamental concepts and recent advances in blue light-emitting materials, and applications in organic light-emitting diode (OLED) technology and expose students to contemporary research in functional materials. An email informing all the students and teaching staff about the talk at the Auditorium of SCS building of Goa University was sent. During the lecture, Prof. PrabuSankar discussed the significance of blue light-emitting materials in the development of high-performance OLED devices. He explained the role of N-heterocyclic carbene (NHC) and N-heterocyclic chalcogenone (NHCh) ligands in improving the thermal stability, quantum efficiency, and emission characteristics of light-emitting materials. The speaker highlighted how molecular design, σ-donor strength, and aggregation-induced emission influence the performance of these materials. He also presented recent research findings from his laboratory on copper(I)-based luminescent complexes and their potential applications in next-generation optoelectronic devices. The lecture concluded with an engaging question-and-answer session, where students interacted with the speaker on current challenges and future research opportunities in materials chemistry.
Benefit/Key outcome of the event	The invited talk provided students with valuable insights into advanced research on functional luminescent materials and their applications in OLED technology. It highlighted the importance of rational molecular design in developing efficient light-emitting materials.


Dr. Prachi Torney
Convenor


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





Goa University School of Chemical Sciences

Organises a talk on the topic

‘Why Blue Light Emitting Materials?’



Speaker:

Prof. Prabu Sankar Ganesan

*Professor, Department of Chemistry,
IIT Hyderabad.*

Date: 13th March, 2026

Time: 12.00 – 1.00 pm

Venue: Lecture hall-1, SCS

All are Cordially Invited!!

**Dr. Prachi Torney,
Convenor**

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







GPS Map Camera



Panaji, Goa, India 

Dr E Borges Road, Taleigao, Panaji, Goa 403206, India

Lat 15.458732, Long 73.827408

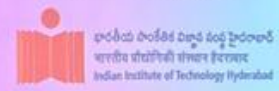
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Note : Captured by GPS Map Camera



Emitting Materials?

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Panaji, Goa, India 🇮🇳
Dr E Borges Road, Taleigao, Panaji, Goa 403206, India
Lat 15.458823, Long 73.827340
Friday, 13/03/2026 12:54 PM GMT+05:30
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Invited Talk.

Topic: Why Blue light-Emitting materials?

Date: 13th March 2026. at 12.00pm.

Speaker: Prof. Prabulankar Ganesan.

Venue: LH-1, SCS.

Coordinator: Dr. Prachi Torney

Attendance.

Sr.No.	Name.	Institute.	Sign.
1.	Prachi Torney	SCS, GU.	
2.	Deepika Karmalkar	SCS, GU	
3.	Digamber G. Porus	SCS, GU	
4.	S. N. Dhumi	SCS, GU	
5.	Mallesh S. Mujk	DHE, Goa	
6.	Dr. Ankita Naik	Chemistry	
7.	Dr. Amrita Nehulkar	SCS, GU	
8.	Ankita Desai	SCS, GU	
9.	Sheshali Jankar	SCS, GU	
10.	Shraddha H. Naik	SCS, GU	
11.	Mayur M. Jalmi	SCS, GU	
12.	Siddhesh Nimalkar	SCS, GU	
13.	Sahil J. Komarpant	SCS, GU	
14.	Adity Dias	SCS, GU	
15.	Ekanti Metha	SCS, GU	
16.	Pradnya Gwal	SCS, GU	
17.	Deepthi K. Velup	SCS, GU	
18.	Reshma Mulla	SCS, GU	
19.	Medha M. Gaud	SCS, GU	
20.	Raneet R. Gawade	SCS, GU	
21.	PAVAN KUMAR V. PATIL	SCS, GU	
22.	Nitesh Verji	SCS, GU	
23.	Sarvesh Gaonkar	SCS, GU	
24.	Amiya Naik	SCS, GU	
25.	Chaitali Naik	SCS, GU	

2021

S.No	Name	SCS, GU	
26	Dranya Chaturvedi	SCS, GU	<u>Shy</u>
27	Mitali Bhandarkar	SCS, GU	<u>Bhandarkar</u>
28	Aditi Hadfalkar	SCS, GU	<u>Aditi</u>
29	Swarali Mhalshi	SCS, GU	<u>Mhalshi</u>
30	Neha Pandey	SCS, GU	<u>NM</u>
31	Ishwari Narvekar	SCS, GU	<u>Ishwari</u>
32	Saishma Kambli	SCS, GU	<u>Saishma</u>
33	Karuna Takkar	SCS, GU	<u>Karuna</u>
34	Upma Gaonkar	SCS, GU	<u>Gaonkar</u>
35	Shradha R. Thandekar	SCS, GU	<u>Shradha</u>
36	Manasi Ugriekar	SCS, GU	<u>Manasi</u>
37	Kajal N. Salgaonkar	SCS, GU	<u>Kajal</u>
38	V. SWAPNA	SCS, GU	<u>Swarna</u>
39	Sonam Kumari	SCS, GU	<u>Sonam</u>
40	Jeffrey L. Viegas	SCS, GU	<u>Jeffrey</u>
41	Vipul Ghare	SCS, GU	<u>Vipul</u>
42	Leo D'Souza	SCS, GU	<u>Leo</u>
43	Diletta Rebelli	SCS, GU	<u>Diletta</u>
44	Prasidhi Pradeep Naik	SCS, GU	<u>Prasidhi</u>
45	Bidhan A. Shirke	SCS, GU	<u>Bidhan</u>
46	V.M.S Vernekar	SCS, GU	<u>V.M.S</u>
47	K.S. Rane	SCS, GU	<u>K.S. Rane</u>
48	Dr. Luana R. D'Souza	SCS, GU	<u>Luana</u>
49	Ms. Milagrina D'Souza	SCS, GU	<u>Milagrina</u>
50	Manjusha M. Gaonkar	SCS, GU	<u>Manjusha</u>
51	Sonali S. Gaonkar	SCS, GU	<u>Sonali</u>
52	Nikita N. Harmalkar	SCS, GU	<u>Nikita</u>
53	Siddhi K. Salgaonkar	SCS, GU	<u>Siddhi</u>
54	Ms. Mangala Sawal	SCS, GU	<u>Mangala</u>
55	Ronaldo Silveria	SCS, GU	<u>Ronaldo</u>