



Goa University

School of Chemical Sciences

Report

Igniting Curiosity: A one-Day Symposium on Advanced Science for Young Researchers

School of Chemical Sciences in association with Indian National Young Academy of Science (INYAS) organised the “**Igniting Curiosity: A one-Day Symposium on Advanced Science for Young Researchers**” at Chemistry Auditorium on 8th November 2024. This symposium was organised for young research students and M.Sc. students having science background from different institutes in Goa.

The aim of this symposium is to expose young research students from Goa University and other institutes of Goa towards advanced research in present era through talks to be delivered by young scientists from different top institutes in our country. This symposium was a good platform for young students to learn about research areas of different expertises. Engaging with cutting-edge research in the areas of therapeutics, sustainability, sensors and energy, helped participants to ignite their curiosity and gain novel insights, empowering them to think towards developing innovative solutions and trigger futuristic ideas for sustainable development. It will was a good opportunity for young researchers of different disciplines wherein they communicated with experts to discuss about various scientific ideas, conversed about their research problems, and developed new opportunities for interdisciplinary research for better future.

The event was inaugurated by the chief guest Dr. S. G. Tilve, Senior Professor, School of Chemical Sciences, Goa University, Goa.

The symposium had seven scientific talks given by resource persons from different top institutes in India. The symposium was attended by 135 participants (67 from SCS, 22 from other Schools of Goa University, 20 from affiliated Colleges to Goa University, 16 from Pharmacy College, and 10 from IIT Goa, BITS and CSIR-NIO).

The participants got an opportunity to listen to the eminent researchers from the premier research institutes across India. They also got exposed to the on-going research trends and benefited from the highly research-oriented deliberations. These sessions ignited the research curiosity among the participants and motivated them to engage themselves in various research activities by undertaking interdisciplinary and collaborative research which will help them to come-up with novel applicative ideas and spark scientific breakthrough.

- Attached herewith:
1. Symposium Flyer
 2. Banner
 3. Programme schedule,
 4. Registration/Attendance sheets
 5. Geo-tag photos.



Dr. Rohan K. Kunkalekar
Convener, Symposium



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





GOA UNIVERSITY

SCHOOL OF CHEMICAL SCIENCES (SCS)

AND

INDIAN NATIONAL YOUNG ACADEMY OF SCIENCE (INYNAS)

organises

IGNITING CURIOSITY: A ONE-DAY SYMPOSIUM ON ADVANCED SCIENCE FOR YOUNG RESEARCHERS

8th November 2024

**Chemistry Auditorium,
School of Chemical Sciences (SCS),
Block E, Goa University,
Taleigao Plateau,
Goa 403206 India**

ABOUT THE SYMPOSIUM

Promotion of Science Among Young Researchers: This symposium will provide students exposure to advanced research through talks delivered by young scientists from leading institutes across the country. Engaging with cutting-edge research in the areas of therapeutics, sustainability, sensors and energy, will help participants to ignite their curiosity and gain novel insights, empowering them to develop innovative solutions and trigger futuristic ideas for sustainable development.

Encouraging Interdisciplinary Research: The symposium serves as an excellent platform for young researchers to explore diverse fields of expertise and plan for their scientific endeavors. This interaction will enhance their ability to engage in interdisciplinary research, promoting collaboration that can lead to potential ideas and applications.

Interaction with Young Scientists of Our Country: This event provides a valuable opportunity for young scientists to connect with their peers and established researchers. Engaging in discussions about scientific ideas, research challenges, and collaborative opportunities will help participants build a supportive network, facilitating future interdisciplinary initiatives.

PARTICIPANTS

This workshop is mainly intended for research students and M.Sc. students in chemistry, physics, life sciences, and related fields. The workshop is also open to interested faculty members of the Goa University, institutes, and colleges.

ORGANIZING COMMITTEE

CONVENORS

Dr. Rohan Keshav Kunkalekar
School of Chemical Sciences (SCS),
Goa University

Dr. Amit Ashok Vernekar
INYNAS Member
CSIR-Central Leather Research Institute,
Chennai

FACULTY ORGANISING COMMITTEE

Prof. Vidhyadatta M. S. Verenkar
Dr. Vinod K. Mandrekar
Dr. Diptesh G. Naik

Contact Details

Dr. Rohan Keshav Kunkalekar

 rohankunkalekar@unigoa.ac.in

Dr. Amit Ashok Vernekar

 amitvernekar@clri.res.in



INVITED SPEAKERS

Dr. Kaustubh R. S. Priolkar
Goa University, Goa

Dr. H. S. S. Ramakrishna Matte
Centre for Nano and Soft Matter
Sciences, Bengaluru

Dr. Vinayak B. Kamble
Indian Institute of Science Education and
Research, Thiruvananthapuram

Dr. Shilpi Kushwaha
CSIR-Central Salt & Marine Chemicals
Research Institute, Bhavnagar

Dr. Venkatesh V
Indian Institute of Technology, Roorkee

Dr. Arup Mukherjee
Indian Institute of Technology, Bhilai

Dr. Amit A. Vernekar
CSIR-Central Leather Research Institute,
Chennai

ABOUT GOA UNIVERSITY

Goa University was established under the Goa University Act of 1984 (Act No. 7 of 1984) and commenced operations on 1 June 1985. The University took over the enhanced role of the Centre of Post-Graduate Instruction and Research (CPIR) which was set after the liberation of Goa by India in December 1961, by the University of Bombay (now Mumbai), in June 1962. Since 1985 Goa University has offered graduate and post-graduate studies and research programmes. QS University rankings have ranked Goa University in the range of 61-65 among Indian Universities for the year 2022 and among the QS World University Rankings for 'QS Asia University Rankings 2022', Goa University is among the group of 501-550 universities.

ABOUT INDIAN NATIONAL YOUNG ACADEMY OF SCIENCE

INyas was founded by INSA in December 2014 with a vision to promote Science education and networking among Young Scientists.

Currently, engaged in variety of Science outreach activities for school students, training program, workshops and webinars for Young Scientists, Scientific meetings of high standard and of interdisciplinary nature and networking not only among Indian Young Scientists but worldwide through various other National Young Academies and Global Young academy (GYA).

INyas organizes several flagships events, like PRAYOJAN, RuSETUP & WiSDom. In addition to this INyas also supported outreach events like remote area lecture series and science awareness camps to target the underprivileged section of society. Through its capacity building programs, training programs and scientific meetings, INyas aims to extend its multidimensionality to young researchers and academicians. The academy organises various competitions like Saransh - Thesis Presentation Competition, National Competition for Research Excellence, Sci-Art Image Competition, and school level competitions to encourage students and scholars. Among the various initiatives.

REGISTRATION

Last Date for Registration is 28/10/2024

No Registration Fees

**As the number of seats are limited,
On-Spot registration will NOT be
entertained**

To register please click below:

[Registration Form](#)

THE SCHOOL OF CHEMICAL SCIENCES (SCS)

The establishment of the School of Chemical Sciences took place by transforming one of the existing and oldest (established in 1965 as a part of Centre for Post-Graduate Instruction and Research of the then Bombay University) department (of Chemistry) into a School. The School is currently located in the faculty block E since April 2013, with modern infrastructure, conducive for quality education and research in Chemistry. The School (formerly Department of Chemistry) earlier had Organic, Inorganic, Physical and Analytical Chemistry as distinct streams and since AY 2019-20, the Biochemistry has been added as its fifth stream. The establishment of this School is in line with the reorganization of the institutional architecture that allows us to rebrand and showcase our strengths in research and teaching in various Chemistry streams. The research at this School has been recognized by the award of projects to the individual faculty members and also receiving handsome grants from the University Grants Commission (UGC) and the Department of Science & Technology (DST), Govt. of India in their prestigious programs like UGC-SAP and DST-FIST. The School of Chemical Sciences has various modern sophisticated instruments required for state-of-the-arts research. The school has a rich tradition of excellent research output and the culture of performing better which has resulted, over the years, in the contribution of 30-40 percent of research publications of Goa University, annually.

**The number of participants is
limited to 100**

**Selection will be conveyed by email after
28/10/2024**

IGNITING CURIOSITY: A ONE-DAY SYMPOSIUM ON ADVANCED SCIENCE FOR YOUNG RESEARCHERS

ORGANIZED BY

GOA UNIVERSITY

SCHOOL OF CHEMICAL SCIENCES (SCS)

AND

INDIAN NATIONAL YOUNG ACADEMY OF SCIENCE (INYAS)

8TH NOVEMBER 2024



IGNITING CURIOSITY: A ONE-DAY SYMPOSIUM ON ADVANCED SCIENCE FOR YOUNG RESEARCHERS

SPEAKERS



Dr. H. S. S. Ramakrishna Matte
CENS, Bengaluru



Dr. Shilpi Kushwaha
CSIR-CSMCRI, Bhavnagar



Dr. V. Venkatesh
IIT-Roorkee



Dr. Arup Mukherjee
IIT-Bhilai



Prof. Kaustubh Priolkar
Goa University



Dr. Amit Ashok Vernekar
CSIR-CLRI



Dr. Vinayak Kamble
IISER-Thiruvananthapuram

Igniting Curiosity: A one-Day Symposium on Advanced Science for Young Researchers

Chemistry Auditorium, School of Chemical Sciences (SCS), Block E, Goa University,
Taleigao Plateau, Goa 403206 India

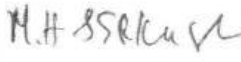






Friday 8th November 2024

9.30 to 10.00 am	Inauguration
10.00 to 10.45 am	Solution Processing of Low-dimensional Materials and Applications Dr. H. S. S. Ramakrishna Matte <i>Centre for Nano and Soft Matter Sciences (CeNS), Bengaluru</i>
10.45 to 11.00 am	Tea Break
11.00 to 11.45 am	Function Specific Self-Assembled Porous Materials Dr. Shilpi Kushwaha <i>CSIR-Central Salt and Marine Chemical Research Institute (CSMCRI), Bhavnagar</i>
11.45am to 12.30 pm	Stimuli-responsive Prodrug Activation for Cancer Therapy Dr. Venkatesh V. <i>Indian Institute of Technology (IIT)-Roorkee, Uttarakhand</i>
12.30 pm to 1.15 pm	Exploring the Diverse Reactivity of Ammonia-Borane Derivatives Dr Arup Mukherjee <i>Indian Institute of Technology (IIT)-Bhilai</i>
1.15 to 2.30 pm	Lunch Break (with group photo)
2.30 to 3.15 pm	Unveiling Mechanisms of Energy Materials: The Power of EXAFS Prof. Kaustubh Priolkar <i>Goa University -Goa</i>
3.15 to 4.00 pm	Expanding Horizons of Nanozymes: Tackling Critical Challenges for Advanced Applications Dr. Amit Ashok Vernekar <i>CSIR-Central Leather Research Institute (CLRI), Chennai</i>
4.00 to 4.15 pm	Tea Break
4.15 to 5.00 pm	Machines that Sniff Chemicals: Physical Means of Identifying Chemical Species Dr. Vinayak B. Kamble <i>Indian Institute of Science Education and Research (IISER)-Thiruvananthapuram</i>
5.00 to 5.30 pm	valedictory and certificate distribution

**Igniting Curiosity: A one-Day Symposium on Advanced
Science for Young Researchers**

8th November 2024

ATTENDANCE
(Resource Personnel)



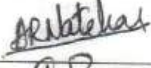


Sr. No.	Name	Address	Signature
1	Dr. H. S. S. Ramakrishna Matte	Centre for Nano and Soft Matter Sciences (CeNS), Bengaluru	
2	Dr. Shilpi Kushwaha	CSIR-Central Salt and Marine Chemical Research Institute (CSMCRI), Bhavnagar	
3	Dr. Venkatesh V.	Indian Ins ^t itute of Technology (IIT)- Roorkee, Uttarakhand	
4	Dr Arup Mukherjee	Indian Institute of Technology (IIT)-Bhilai	
5	Prof. Kaustubh Priolkar	Goa University -Goa	
6	Dr. Amit Ashok Vernekar	CSIR-Central Leather Research Institute (CLRI), Chennai	
7	Dr. Vinayak B. Kamble	Indian Institute of Science Education and Research (IISER)- Thiruvananthapuram	

**Igniting Curiosity: A one-Day Symposium on Advanced
Science for Young Researchers**



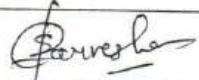




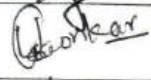
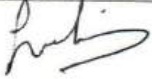
8th November 2024


ATTENDANCE
(Goa University – SCS)

Faculty

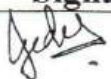
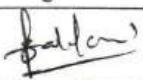
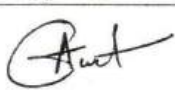
Sr. No.	Name	Signature
1 ✓	Dr. Deepika Karmalkar	
2 ✓	Prachi Torney	
3 ✓	Dr. Amrita Narayan Vetrekar	
4 ✓	Samata Shetgaonkar	
5 ✓	Dr. Rhea Patel Dhond	

Research Scholars

Sr. No.	Name	Signature
1 ✓	Shefali Ainkar	
2 ✓	Pritesh Khobrekar	
3 ✓	Sarvesha S. Shetgaonkar	
4 ✓	Samantha Da Costa	
5 ✓	Manasi Ugvekar	
6 ✓	Priyanka Sudin Modak	
7 ✓	Leo Francisco Blaise DSouza	
8 ✓	Upma Gaonkar	
9 ✓	Pranav Volvoikar	

10 ✓	Disha Gauns	
11 ✓	Namrata Kumari	
12 ✓	Mangala Ulhas Sawal	
13 ✓	Ria Infancia Velerie Colaco	<u>Colaco</u>
14	Purva M Kinaltekar	_____
15	Shubham Gavade	_____
16 ✓	Sonam Kumari	
17 ✓	Apeksha Hiru Naik	
18 ✓	Raneet Rohidas Gawade	
19 ✓	Sonali Gaonkar	
20 ✓	Shubhlaxmi K. Naik	
21 ✓	Lalitprabha N. Salgaonkar	
22 ✓	Salgaokar Kajal Namdev	
23 ✓	Crecia Oliveira	
24 ✓	Vanita Shanu Kunkalkar	
25 ✓	Sanjali Navelkar	
26 ✓	Medha Madhu Gaude	
27 ✓	Deepti Krishna Velip	
28 ✓	Rehan Noor Ahmed Shaikh	

MSc Students

Sr. No.	Name	Signature
1 ✓	Jesusly Joe Fernandes	
2 ✓	Suraj Faldessai	
3 ✓	Akash Gaonkar	

4 ✓	Samruddhi Dessai	<i>Samruddhi</i>
5 ✓	Jyoti Govind Gaonkar	<i>Jyoti</i>
6 ✓	Sankalp Narendra Naik	<i>Sankalp</i>
7 ✓	Chaitanya B. Naik Gaonkar	<i>Chaitanya</i>
8 ✓	Anveeta Naik	<i>Anveeta</i>
9 ✓	Jocelyn Florence Furtado	<i>Jocelyn</i>
10	Sayee Premanand Naik	<i>Sayee</i>
11 ✓	Madhusmita Das	<i>Madhusmita</i>
12 ✓	Esha Mahesh Korgaonker	<i>Esha</i>
13 ✓	Neomi Reesa Falcao ✓	<i>Falcao</i>
14 ✓	Aman Allabakash Chikodi	<i>Chikodi</i>
15 ✓	Deeptanshu Pradhan	<i>Deeptanshu</i>
16 ✓	Chandrakant Raut	<i>Chandrakant</i>
17	Swarna Sudhakar Velip	_____
18 ✓	Sweety Subhash Pagui	<i>Sweety</i>
19 ✓	Sayukta Satyawani Chari	<i>Sayukta</i>
20 ✓	Pavanraj Naik	<i>Pavanraj</i>
21 ✓	Vismay Naik	<i>Vismay</i>

1
down

Igniting Curiosity: A one-Day Symposium on Advanced Science for Young Researchers

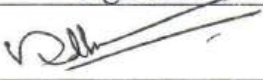


8th November 2024

ATTENDANCE

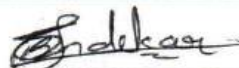

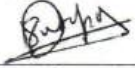

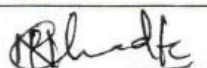


(Goa University – SPAS/SBSB/ Department of Marine Sciences and Marine
Biotechnology)








School of Physical and Applied Sciences

Faculty

Sr. No.	Name	Signature
1 ✓	Sudhir Cherukulappurath	
2 ✓	Reshma Raut Dessai	<hr/>
3 ✓	Venkatesha R. Hathwar	
4 ✓	Rajeshkumar Hyam	




Research Scholars

Sr. No.	Name	Signature
1 ✓	Shubhankar Narayan Bandekar	
2 ✓	Mahendra Choudhary	
3 ✓	Sutapa Das	
4 ✓	Namita Rane	
5 ✓	Neha Phadte	
6 ✓	Nandesh kinlekar	
7 ✓	Sugania. D	


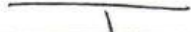

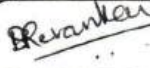

8 ✓	Myren Azavedo	
9 ✓	Najmeh Hajian Dehkordi	
10 ✓	Diksha Nitin Karmalkar	
X 11	Shaikh Irshad Ahmad	
12 ✓	Prasad Puttayya	
X 13	Siddhi Uday Parsekar	
X 14	Sujay Shivaji Rane	

• **School of Biological Sciences and Biotechnology**


Faculty

Sr. No.	Name	Signature
X 1	Dr. Aditi Venkatesh Naik	
2 ✓	Milind Naik	
3 ✓	Meghanath Prabhu	

Research Scholars

Sr. No.	Name	Signature
X 1	Gunjan Gurudas Kerkar	
X 2	Royston D'silva	
3 ✓	Paresh Gajanan Gaonkar	
4 ✓	Divyarani Revankar	
X 5	Vaishali Uday Gaonkar	

Department of Marine Sciences and Marine Biotechnology

Sr.No.	Name	Signature
✓	Veryan Bharna Chougule	







**Igniting Curiosity: A one-Day Symposium on Advanced
Science for Young Researchers**


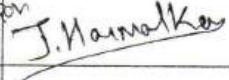
8th November 2024

ATTENDANCE


(Affiliated College Faculties and Students)

Faculty

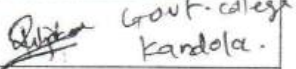
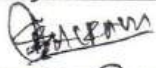

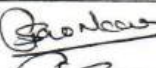
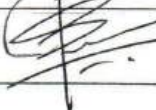
Sr. No.	Name	College	Signature
1 ✓	Dr. Luann Romaine D'souza	Parvatibai chowgule college of Arts and Science Autonomous Gogol Margao Goa	
X 2	Suvarna Prajay Jog	Parvatibai chowgule college of Arts and Science Autonomous Gogol Margao Goa	_____
3 ✓	Limora Nionyka D'Souza	Parvatibai chowgule college of Arts and Science Autonomous Gogol Margao Goa	
4 ✓	Harsha Arun Achari	Parvatibai chowgule college of Arts and Science Autonomous Gogol Margao Goa	
5 ✓	Charles Po	Govt. College of Arts, Science and Commerce Khandola Marcela	
6 ✓	Janesline P. D. Fernandes	St. Xavier's College, Mapusa-Goa	
7 ✓	Disha Virnodkar	Prof. Vidya Desai, Dnyanprassarak Mandal's College & Research Centre (Cluster research center in chemistry, Khandola)	

✓	Dr. Pratibha V. Bakre	Government College of Arts Science and Commerce Khandola Marcela Goa	
✓ 9	Jatin Umesh Harmalkar	HPSM Ganpat Hansekar College of Education Harmel - Goa	
X 10	Karesh Nagesh Phondekar		

Research Scholars

Sr. No.	Name	College	Signature
✓ 1	Prajyot Kerkar	DMS College and Research Centre	

MSc Students

Sr. No.	Name	Signature
✓ 1	Raman Dnyaneshwar Nilajakar	 Govt. college Khandola.
✓ 2	Balram sadashiv swami	 - DMC.
✓ 3	Milind Tigga	 : DMC
✓ 4	Antonio Nathan De Souza	 DMC
✓ 5	Saili sharan Gaonkar	 - DMC
✓ 6	Sarvesh Manguesh Prabhu	 DMC

Done

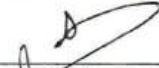

Igniting Curiosity: A one-Day Symposium on Advanced Science for Young Researchers

8th November 2024

ATTENDANCE

(PES'S Rajaram and Tarabai Bandekar College of Pharmacy)

Faculty

Sr No	Name	Signature
X 1	Ms Arti Shashikant Pednekar	
X 2	Soniya Phadte	

Students






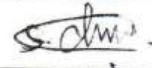








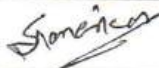

Sr No	Name	Signature
X 1	Hrutika Datta Naik	
X 2	Krushiya Gaonker	
X 3	Melanie Fernandes	
X 4	Abhishek Deepak baboni shet verenkar	
X 5	Afreen Murtuza Mulla	
X 6	Sanjali Suresh prabhu dessai	
X 7	Sravani Sanjay Naik	
X 8	Sanjana Subhash Naik	
X 9	Lyzandra Ann Fernandes	
X 10	Ms. Kirti Madkaikar	
X 11	Tejal Tatyand Naik	
X 12	Kartik Kishor Borker	
X 13	Narayan P Bhosale	
X 14	Mayur Prashant Gaude	

Done

Igniting Curiosity: A one-Day Symposium on Advanced Science for Young Researchers

8th November 2024

ATTENDANCE

Sr. No.	Name	Address	Signature
• 1 ✓	Rolee Verma	BITS PILANI	
• 2 ✓	Eshita Kakodkar	BITS PILANI	
• 3 ✓	Rahul Sawant	BITS PILANI	
• 4 ✓	Adarsh P. Fatrekar	Chemical laboratory IPCL CSIR CLRI Adyar Chennai	
• 5 ✓	Shriya Saha	IIT Goa	
• 6 ✓	Chinraj Sivarajan	IIT Goa	
• 7 ✓	Kausarbanu Shaikh	IIT Goa	
• 8 ✓	Ankur Saini	National Institute of Oceanography	
• 9 ✓	Sayeri Paul	National Institute of Oceanography	
• 10 ✓	Charmaine Fernandes	National Institute of Oceanography	
• 11 ✓	Souvik Chakraborty	National Institute of Oceanography	
• 12 ✓	Sumit Phakatkar	National Institute of Oceanography	
• 13 ✓	Anmol Verma	National Institute of Oceanography	
• 14 ✓	Chandani Desai	National Institute of Oceanography	
• 15 ✓	Shreya Sushant Manerikar	Mumbai University	
• 16 ✓	Peter Barretto	Goa Surgico and Medical Agencies	

Igniting Curiosity: A one-Day Symposium on Advanced Science for Young Researchers

8th November 2024

ATTENDANCE

Sr. No.	Name	Address and email	Signature
1.	PAVANKUMAR PATIL	PORVORIM chem.pavankumar@unigoa.ac.in	
2.	Manjusha Gaonkar	chem.manjusha@unigoa.ac.in	
3.	Kanti Mayanikar	chem.kanti@unigoa.ac.in	
4.	Kanvi Mayanikar	chem.kanvi@unigoa.ac.in	
5.	Diksha Salgaonkar	^{SBSB} diksha.phd.sbsb@unigoa.ac.in	
6.	Vineel Mandekar	SCS, GU	
7.	Mehul Shiralkar	SCS, GU	
8.	Nitish Verji	SCS, GU	
9.	Dr. Sarvesh Khemulla	Govt. College Kendal	
10.	Khushboo M. Nair	SCS, GU	
11.	Dr. Prajesh S. Vohra	SU, GU	
12.	Dr. Delicia A-B.	SCS, GU	
13.	Sareej Nade	Fertin India Art Ltd. Ganeshpore. sareej@fertin.com	
14.	Sameer Ghosh	Fertin India Pvt Ltd sameer@fertin.com	
13.	Dr. HARI K. KADAM	SCS GU	
14.	Dr. Rupesh Kulkarni	SCS GU	
15.	Dr. Shrikant R. Babu	SCS, GU	
16.	Anuja Nair	SCS, GU	
17.	Gayatri Kulkar	SCS, GU	
18.	Kanchanmala Deshpande	SCS, GU	





