



Goa University

Discipline of Marine Microbiology, School of Earth, Ocean and Atmospheric Sciences

Report on Celebrating Pioneers in Innovation and Science

Rosalind Franklin: the Dark Lady of DNA

1. Title of the Event/Activity/program	Celebrating Pioneers in Innovation and Science Rosalind Franklin: the Dark Lady of DNA
2. Date and Time	2nd August 2024, 11.30 am
3. Mode of conduct (Physical/Online)	Physical
4. School/ Directorate/ Section	Discipline of Marine Microbiology, School of Earth, Ocean and Atmospheric Sciences
5. Collaborating Agency/School/Directorate	Microbiologists Society of India (Student Unit), SEOAS
6. Detail of the Resource Person (Brief biodata)	Ms. Ayesha Karmali (Brief biodata attached as Annexure A)
7. Number of Faculty attended/participated	05
8. Number of Student attended / participated	M.Sc. Marine Micro students: 24
9. No. of external students/faculty/other participants	M.Sc. Environmental Science students: 14 Research scholars: 02 External faculty: 01

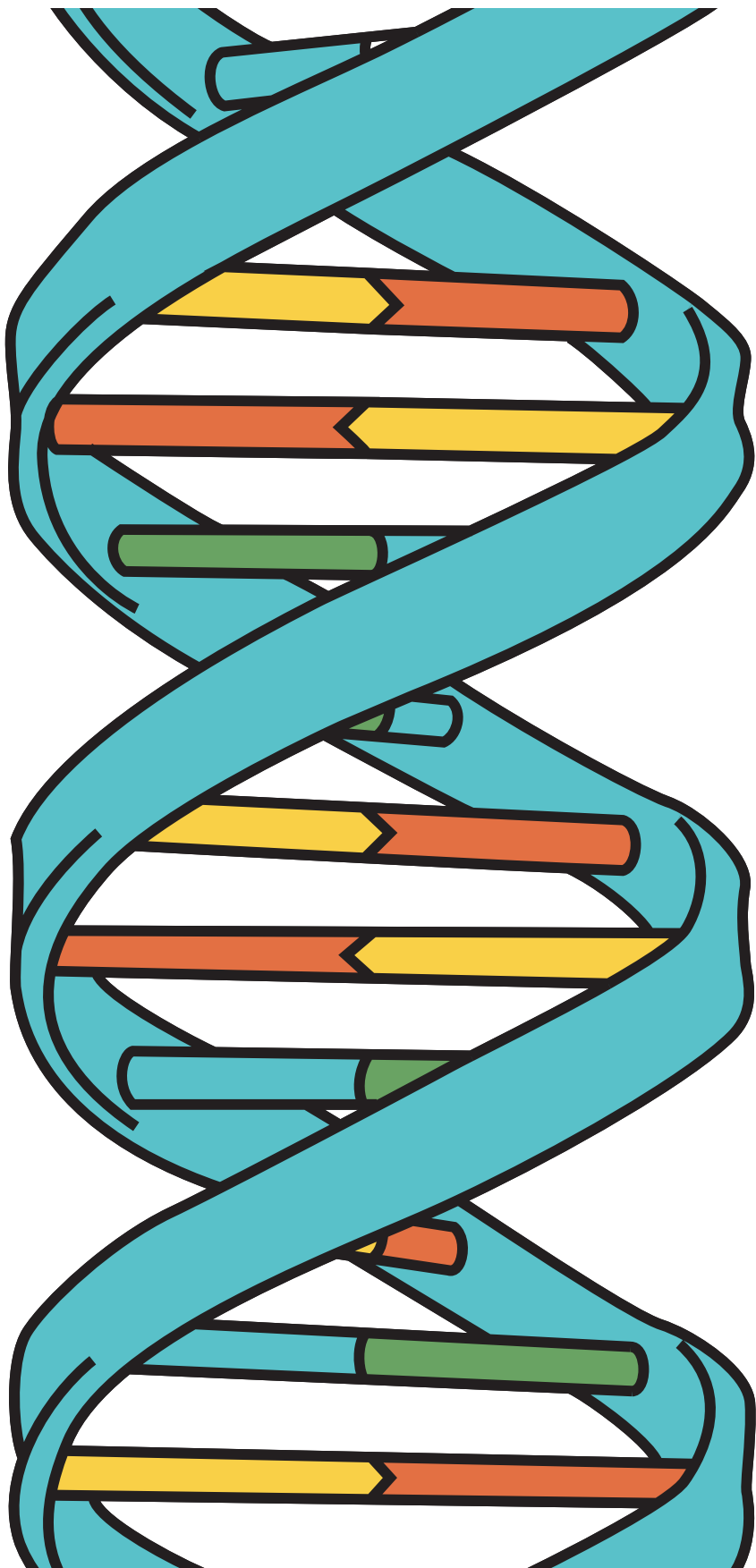
10. The objectives of the Program/activity/event	<p>The objective of the Program was to inculcate in the students an awareness and appreciation of the scientists from the early and mid-1900s who overcame many obstacles in their path, forged ahead and contributed to science. The first in this series 'Celebrating Pioneers in Innovation and Science' celebrated the life and legacy of Rosalind Franklin, also known as the 'Dark Lady of DNA'.</p>
11. Description of the Program/activity/event	<p>The program was organized by the Discipline of Marine Microbiology, SEOAS, in collaboration with the Microbiologists Society of India (Student Unit). It consisted of 2 parts. First, a talk about the life and times of Rosalind Franklin by the resource person, Ms. Ayesha Karmali. Second, a quiz about her life and her topic of research, DNA, by the Program Co-ordinator, Dr. Priya M. D'Costa. Three teams, each consisting of 3 students, participated in the quiz. The teams that stood first and second were given prizes.</p>
12. Benefit/Key outcomes of the Program/activity/event	<p>The students gained awareness about the conditions in which scientific experiments were carried out in the early and mid-1900s. They also realized that even though Rosalind Franklin faced innumerable obstacles, she still persevered and continued to work passionately in her chosen field of research. She emerged as a source of inspiration to our students.</p>
13. Enclosures with report	<p>Brochure, Notice, Geo-tag photos, Attendance of students/faculty/external participants, Bio Data of resource person (if applicable), Any other information.</p>

Signature: PMD 05/08/24
Name of coordinator: DR. PRIYA D' COSTA
Designation: ASST. PROFESSOR

Signature: [Handwritten Signature]
Dean
Seal of the School



CELEBRATING PIONEERS IN INNOVATION AND SCIENCE

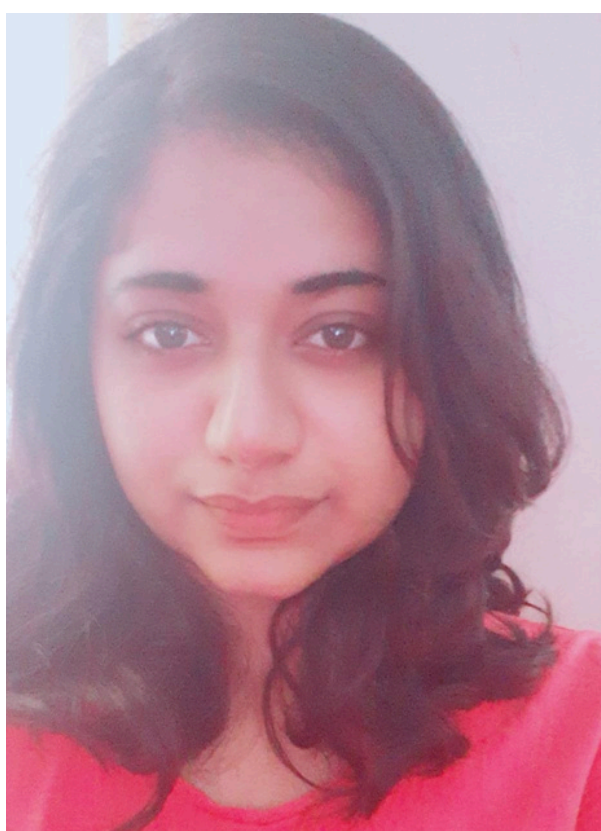


ROSALIND FRANKLIN: THE DARK LADY OF DNA

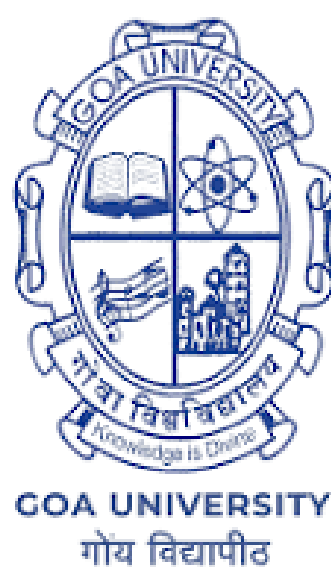
2nd August 2024, 11.30 am.

Venue: CG-16, SEOAS

Programme Co-ordinator: Dr. Priya D'Costa



**Resource Person:
Ms. Ayesha Karmali**



Organized by:
Marine Microbiology Discipline,
in association with
The Microbiologists Society of
India (Student Unit),
SEOAS, Goa University

NOTICE

1st August 2024

The Discipline of Marine Microbiology, School of Earth, Ocean and Atmospheric Sciences, in collaboration with the Microbiologists' Society of India (Student Unit), is organizing an activity titled 'Celebrating Pioneers in Innovation and Science. Rosalind Franklin: The Dark Lady of DNA', on 2nd August 2024, at 11.30 am, in CG-16, SEOAS. The activity will consist of a talk and quiz on the life and legacy of Rosalind Franklin. Details are in the attached flyer. This activity is compulsory for the M.Sc. Marine Microbiology students.

MD
01/08/24

Dr. Priya M. D'Costa
Program Co-Ordinator

Damare
01/08/2024

Dr. Varada S. Damare
Program Director, Marine Microbiology



Fig. 1. Resource person, Ms. Ayesha Karmali presenting her talk.



Fig. 2. The audience for the activity.



Fig. 3. The first place winners of the Quiz competition.



Fig. 4. The second place winners of the Quiz competition.



Fig. 5. Group photo clicked at the end of the event.

Celebrating Pioneers in Innovation and Science
 Rosalind Franklin: the Dark Lady of DNA
 2nd August 2024, 11.30 am
 Venue: CG-16, SEOAS

Sr. No.	Name of the faculty/research scholar/students	Programme	Signature
1	Yma Punito	CSC (GBS)	
2	Sangeeta Naik	Marine Micro	
3	Nikita Lotlikar	Marine Micro	
4	Imrana Shaikh	Marine micro	
5	SNESHA BHOMKAR	" "	
6	Natty Fernandes	" "	
7	Susanna Sampayo	" "	
8	Ruksan Alam	" "	
9	Tejal Bandekar	" "	
10	Yatiksha Gaude	" "	
11	Shruti Sanjay Korgankar	" "	
12	Agneel Silwina	Marine Micro	
13	Vasant Gowekar	" "	
14	Hansh Gawandalkar	" "	
15	Riksha I. Sharma	" "	
16	Dweta Kanekar	" "	
17	Lesha R. Lotlikar	" "	
18	Sana K. Khan	" "	
19	Aditya Raj Shrivastav	" "	
20	Nitesh G. Paswan	Marine Micro	
21	Shivam Kadlam	" "	
22	John Fernandes	Marine Micro	
23	Franzil Fernander	" "	
24	Ashutosh Sawant	" "	
25	Lakshada Naik	Marine Micro	
26	Somnandini Naik	" "	
27	Vaishnavi V. Teli	" "	

Brief CV of the resource person: Ms. Ayesha Karmali

- Former student of M.Sc. Environmental Science, SEOAS. She obtained the first rank in M.Sc. Environmental Science program with GPA of 9.56 in School of Earth, Ocean and Atmospheric Sciences, Goa University.
- She did her dissertation with one of our MM faculty Dr. Chanda Berde, on the topic ‘The influence of climate change on the biodiversity within the mangrove ecosystems along the Mandovi estuary in Goa.’
- All India Winner in National Conference on Wetland Biodiversity and Conservation on 2nd and 3rd February 2024 organized by NES Arts, Commerce, and Science College, Lanja, Ratnagiri-Maharashtra under the Aegis of DBT Star College Scheme, Government of India in collaboration with Mangrove Society of India – Goa, and Mangrove and Marine Biodiversity Foundation of Maharashtra and Forest Department-Government of Maharashtra on scientific presentation on research carried out on ‘Studies on biodiversity associated with mangrove ecosystems along Mandovi estuary, Goa’.
- On the basis of her dissertation, she is currently on a fellowship-based internship for Goa Water Stories in collaboration with Goa University and Living Waters Museum as well as IISER and Goa Institute of Management.
- Art Exhibit on Expressing Ecology at Sunaparanta Art and Culture Centre for Goa Water Stories in collaboration with SAIL Artists and Goa Water Stories, displayed at Sunaparanta Art and Culture Centre between the 10th to 12th of July 2024. Her exhibit was based on her M.Sc. thesis research work on 'The influence of climate change on the biodiversity within the mangrove ecosystems along Mandovi estuary in Goa'.
- Assistant tutor volunteer at Community Classroom, Goa supporting young students in education and environmental awareness.
- Volunteer for several environmental and animal welfare organizations.