

## Goa University

### Microbiology, School of Biological Sciences & Biotechnology (SBSB)

#### Report on “A Journey through the Nanoworld: My Scientific Adventure Navigating Research Careers Beyond Borders”

<b>1. Title of the Event/Activity/program</b>	A Journey through the Nanoworld: My Scientific Adventure Navigating Research Careers Beyond Borders
<b>2. Date and Time</b>	14-08-2025
<b>3. Mode of conduct (Physical/Online)</b>	Physical (Offline)
<b>4. School/ Directorate/ Section</b>	Microbiology Discipline, School of Biological Sciences & Biotechnology (SBSB)
<b>5. Collaborating Agency/School/Directorate/Research Institutes/Industries</b>	Institute of Applied Sciences & Intelligent Systems (ISASI), Unit of Naples National Research Council, Naples, Italy
<b>6. Detail of the Resource Persons (Brief biodata)</b>	Dr. Kshipra Naik, Marie Skłodowska-Curie Actions Post Doctoral Fellow, Institute of Applied Sciences & Intelligent Systems (ISASI), Unit of Naples National Research Council, Naples (Italy)
<b>7. Number of Faculty attended/participated</b>	10 faculty
<b>8. Number of Student attended / participated</b>	144 [56 Microbiology, 1 Botany, 51 Biotechnology, 7 Zoology, 10 SCS & 19 SEOAS]
<b>9. No. of external students/faculty/other participants</b>	One
<b>10. The objectives of the Program/ activity/ event</b>	1. To connect students with researchers who share real-world career experiences, enabling informed and confident decision-making regarding their career paths.

	<ol style="list-style-type: none"> <li>2. To provide students with clear insights into career opportunities and skill requirements in government and private sectors, with a special focus on international fellowships.</li> <li>3. To bridge the gap between academic learning and industry demands by offering practical advice, motivation, and guidance through counselling sessions.</li> <li>4. To inspire students by showcasing professional achievements of distinguished researchers and encouraging them to pursue meaningful careers in scientific research.</li> <li>5. To equip students with networking skills, competitive exam strategies, and industry-relevant skill development, fostering holistic career preparation with a focus on international fellowships offering doctoral and post-doctoral research</li> </ol>
<b>11. Description of the Program/activity/event</b>	<ul style="list-style-type: none"> <li>➤ A lecture on “A Journey through the Nanoworld: My Scientific Adventure Navigating Research Careers Beyond Borders” was organized by Microbiology Discipline, School of Biological Sciences &amp; Biotechnology (SBSB), Goa University on 14<sup>th</sup> August 2025.</li> <li>➤ The inaugural session was held on <b>14th August 2025, from 11:00 AM to 12:00 PM</b>. It commenced with a warm welcome address by <b>Dr. Sanika Samant</b>, Assistant Professor &amp; Programme Director, Marine Biotechnology, School of Biological Sciences &amp; Biotechnology (SBSB), Goa University. This was followed by an introduction delivered by <b>Sr. Prof. Sandeep Garg</b>, Vice Dean (Research), Microbiology, School of Biological Sciences &amp; Biotechnology.</li> <li>➤ <b>Dr. Bhakti Salgaonkar</b>, Assistant Professor, Microbiology Discipline, SBSB, introduced the resource person, <b>Dr. Kshipra Naik</b>.</li> <li>➤ A total of <b>155 participants</b> attended the event, comprising <b>10 faculty members</b> and <b>144 students</b>. The student participants represented diverse disciplines: <b>56 from Microbiology, 1 from Botany, 7 from Zoology, 51 from Biotechnology, 10 from the School of Chemical Sciences (SCS), and 19 from the School of Earth, Ocean and Atmospheric Sciences (SEOAS)</b></li> <li>➤ Dr. Kshipra Naik delivered an insightful talk on nanotechnology, highlighting its diverse branches and interdisciplinary dimensions. She emphasized the significant role of nanotechnology and nano-biotechnology, illustrating their relevance through real-world applications and ongoing investigations</li> <li>➤ In addition, she encouraged students to explore <b>career opportunities in research</b>, motivating them to prepare for competitive examinations and to pursue prestigious national and international fellowships, including the <b>Marie Skłodowska-Curie Actions Postdoctoral Fellowship</b>.</li> <li>➤ The participants showed great enthusiasm in learning about the various types of research work. The session had a profound impact on the students, broadening their understanding of the diverse career opportunities available. The speaker’s dedication, coupled with real-world insights, left a lasting impression, providing students with greater clarity on the skills required, academic pathways, and practical realities of the profession. Overall, the session not only inspired but also motivated them to pursue meaningful careers in these domains.</li> <li>➤ The students’ interest was clearly reflected during the interactive session with the resource person, <b>Dr. Kshipra Naik, Marie</b></li> </ul>

	<p><i>Skłodowska-Curie Actions Postdoctoral Fellow</i> at the <b>Institute of Applied Sciences &amp; Intelligent Systems (ISASI), Unit of Naples, National Research Council, Naples, Italy.</b></p> <p>➤ The program concluded with a vote of thanks proposed by Dr. Lakshangy Charya, Programme Director, Microbiology, School of Biological Sciences and Biotechnology. The inaugural session was compered by Ms. Komal Salkar, Assistant Professor at Microbiology, SBSB.</p>
<b>12. Benefit/Key outcomes of the Program/activity/event</b>	<ol style="list-style-type: none"> <li>1. <b>Informed Career Decision-Making:</b> Students will gain clarity about various career options and make informed choices aligned with their interests, strengths, and long-term goals.</li> <li>2. <b>Enhanced Awareness of Career Pathways:</b> Exposure to diverse opportunities in the field of research.</li> <li>3. <b>Inspiration and Motivation:</b> Researchers' success stories will motivate students to aim higher and pursue careers in research and other scientific domains with greater confidence and purpose.</li> <li>4. <b>Skill Development and Exam Readiness:</b> Students will benefit from actionable guidance on competitive exam preparation, resume building, interview techniques, and key technical and soft skills required for career success.</li> <li>5. <b>Improved Networking and Professional Engagement:</b> Through direct interaction with researchers, students will develop early networking skills and begin to establish professional connections that can support their future growth.</li> <li>6. <b>Increased Employability and Career Readiness:</b> Holistic exposure to real-world scenarios, industry practices, and personal growth strategies will enhance students' employability and readiness for future challenges.</li> </ol>
<b>13. Enclosures with report</b>	<ol style="list-style-type: none"> <li>1. Brochure</li> <li>2. Programme schedule</li> <li>3. Geo-tag photos</li> <li>4. Attendance of the participants</li> <li>5. Letter of Invitation</li> <li>6. Letter of Appreciation</li> </ol>

## Brochure



**GOA UNIVERSITY**  
Microbiology Discipline  
School of Biological Sciences  
& Biotechnology (SBSB)



### Invited Talk

**14<sup>th</sup> August, 2025**

Auditorium, School of Chemical Sciences (SCS), Faculty Block E,  
Goa University

**Title: "A Journey through the Nanoworld: My Scientific Adventure Navigating Research Careers Beyond Borders"**

**Dr. Kshipra Naik**

*Marie Skłodowska-Curie Actions  
Post Doctoral Fellow*

Institute of Applied Sciences & Intelligent  
Systems (ISASI), Unit of Naples  
National Research Council, Naples (Italy)

**Time:** 11:00 am – 12:00 pm



### Faculty Coordinators

**Dr. Bhakti B. Salgaonkar**  
(Coordinator)  
&  
**Dr. Sanika D. Samant**  
(Co- Coordinator)  
Programme Director,  
Marine Biotechnology

### SBSB Organizing Committee Members

Sr. Prof. S. Krishnan (Dean, SBSB)  
Sr. Prof. Sanjeev Ghadi (Vice-Dean Acad)  
Sr. Prof. Sandeep Garg (Vice-Dean, Res.)  
Dr. Lakshangy Charya (Programme  
Director, Microbiology, SBSB)

## Programme Schedule



### A Journey through the Nanoworld: My Scientific Adventure Navigating Research Careers Beyond Borders

Organized by  
Microbiology Discipline, School of Biological Sciences & Biotechnology  
(SBSB), Goa University

14<sup>th</sup> August, 2025

**Venue:** Auditorium, School of Chemical Sciences, Faculty Block E,  
Goa University

11:00 am	Inaugural Programme
11:00-11:02 am	Inviting the Guests on Dais Floral Welcome
11:02-11:06 am	Welcome Address Dr. Sanika Samant, Assistant Professor & Programme Director Marine Biotechnology, School of Biological Sciences & Biotechnology (SBSB) Goa University
11:06-11:12 am	Introduction to the talk Sr. Prof. S. Krishnan/ Sr. prof. Sandeep Garg/ Sr. Prof. Sanjeev Ghadi Senior Professor & Dean/Vice-Deans, SBSB Goa University
11:12-11:15 am	Introduction of the Resource person ( <b>Dr. Kshipra Naik</b> ) Dr. Bhakti Salgaonkar Assistant Professor, Microbiology discipline, SBSB, Goa University
11:15 am	Lecture Session
11:15 am-12:00 am	Talk by the Resource person Dr. Kshipra Naik Marie Skłodowska-Curie Actions Post Doctoral Fellow Institute of Applied Sciences & Intelligent Systems (ISASI), Unit of Naples National Research Council, Naples, Italy
12:00-12:15 am	Interaction Session with the Resource person
11:45 am	Conclusion Session
11:45-11:46 am	Memento to the Resource person Sr. Prof. Sandeep Garg, Senior Professor & Vice-Dean Research, SBSB & Director, Directorate of Internships, Incubation and Industry Partnership (DIIP) Goa University
11:46-11:48 am	Vote of Thanks Dr. Lakshangy Charya Assistant Professor & Programme Director Microbiology, SBSB Goa University
11:48 am -12:00 pm	Refreshments



**Group Picture of the Event**





**Welcome address by Dr. Sanika Samant,  
Assistant Professor & Programme Director  
Marine Biotechnology, SBSB**



**Introduction by Sr. Prof. Sandeep Garg, Vice  
Dean Research, Microbiology, SBSB**



**Introduction of the resource person by Dr. Bhakti  
Salgaonkar (Assistant professor, Microbiology,  
SBSB)**



**Vote of thanks by Dr. Lakshangy Charya  
(Programme Director Microbiology, SBSB)**

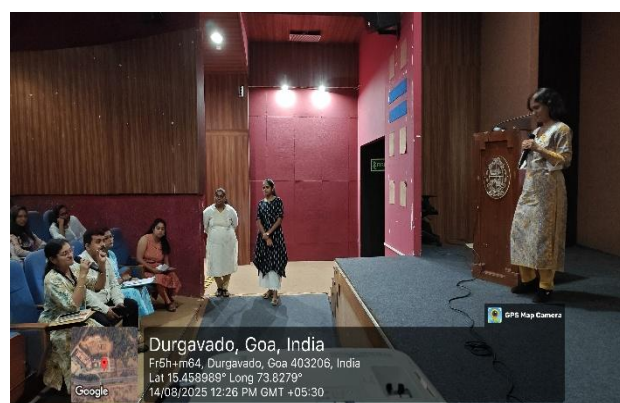
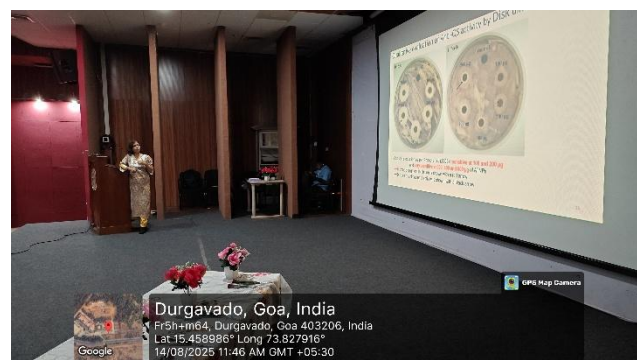


**Resource Person, Dr. Kshipra Naik Delivering  
the lecture**



**Resource Person, Dr. Kshipra Naik Delivering the  
lecture**





**Interactive session with the participants**



**Interactive session with the participants**





**Interactive session with the participants**



**Dr. Lakshangy Charya presenting Token of Appreciation to the Resource Person**



**Group photo of the event**



**Letter of Invitation**



**Letter of Appreciation**

**Attendance Sheet**

**Invited Lecture**

**A Journey through the Nanoworld: My Scientific Adventure**

**Navigating Research Careers Beyond Borders**

Resource Person: Dr. Kshipra Naik, Marie Skłodowska-Curie Actions, Post Doctoral Fellow, Institute of Applied Sciences & Intelligent Systems (ISASI), Unit of Naples, National Research Council, Naples, Italy


Organizers: Microbiology Programme, School of Biological Sciences & Biotechnology (SBSB), Goa University

Venue: Auditorium, School of Chemical Sciences, Faculty Block E, Goa University

Date: 14-08-2025

Time: 11:00 a.m to 1:00 p.m

Mode of Conduct: Offline

Sr. No.	Name	Discipline/ Programme	School	Signature
1	DR. KSHIPRA NAIK			
2	MILIND NAIK	Microbiology	SBSB	
3	Sanika Samant	Biotechnology	SBSB	
4	Diviya Vaigankar	Marine Microbiology	SEOAS	
5	Komal Salkar	Microbiology	SBSB	
6	Varada S-Damare	Mar. Microbiol.	SEOAS	
7	Neghanath Prabhu	Biotechnology	SBSB	
8	Sandeep Gang	Microbiol.	SBSB	
9	Dr. Bhakti Salyankar	Microbiology	SBSB	
10	Dr. Juddhi Noronha	Microbiology	SBSB	
11	Jennessa A. Fernandez	Microbiology	SBSB	
12	Siyanda Rodrigues	Microbiology	SBSB	
13	Nupur Bandekar	Microbiology	SBSB	
14	Shanika Pawar	Microbiology	SBSB	
15	Prashila Mandhalekar	Microbiology	SBSB	
16	Shruti Madgaonkar	" "	" "	




























Sr. No.	Name	Discipline/ Programme	School	Signature
17	Seachi S. Bandekar	Marine Microbiology	SEOAS	
18	Anaya Verekar	"	"	
19	Reishma Ramesh	Marine Microbiology	SEOAS	
20	Sanisha Satarkar	Marine Microbiology	SEOAS	
21	Kelly Dhad	MSc Microbiology Part-2	SBSB	
22	Hetika Kotecha	Biotechnology	SBSB	
23	Veda Maneekar	Biotechnology	SBSB	
24	Rakshita Kaskar	Microbiology	SBSB	
25	Puny H. Niranjani	Biotechnology (Part-II)	SBSB	
26	Savi S. Naik	Biotechnology (Part-II)	SBSB	
27	Siya S. Naik	Biotechnology	SBSB	
28	Tausha Shrinathar	Biotechnology	SBSB	
29	Fazila Shaikh	Biotechnology	SBSB	
30	Manasi Kumar	Microbiology	SBSB	
31	Ashutosh Mailhe	Microbiology	SBSB	
32	Supriya Rao	Marine Biotechnology (II)	SBSB	
33	Bicky Pradhan	Biotechnology	SBSB	
34	Sini Joseph	Biotechnology	SBSB	
35	Crystal De Souza	Biotechnology	SBSB	
36	Anchal Virgi	"	"	
37	Pranjali R. Harimalkar	Microbiology	SBSB	
38	Madhuri Naik	Microbiology	SBSB	
39	Lenina Pereira	Biotechnology	SBSB	
40	Yousha D. Naik	Biotechnology	SBSB	
41	Prashika P. Chari	Biotechnology	SBSB	
42	Ruidhi V. Sawant	Biotech	SBSB	

*Document: Attendance Sheet*  
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Sr. No.	Name	Discipline/ Programme	School	Signature
43	Tejasvi Sargodkar	Microbiology	SBSB	<i>Gargodkar</i>
44	Pradnya Borkar	Microbiology	SBSB	<i>Borkar</i>
45	Anita Gaonkar	microbiology	SBSB	<i>Gaonkar</i>
46	Vaishnavi Gaonkar	Microbiology	SBSB	<i>Gaonkar</i>
47	Manisha Tiwari	Biotekhnology	SBSB	<i>MT</i>
48	Dipali Chari	Microbiology	SBSB	<i>Chari</i>
49	Dipti Morje	Microbiology	SBSB	<i>Morje</i>
50	Mable Fernandes	Microbiology	SBSB	<i>Fernandes</i>
51	Ethika Gaonkar	Microbiology	SBSB	<i>Gaonkar</i>
52	Shweta C. Naik	Microbiology	SBSB	<i>Naik</i>
53	Tukti C Jaini	Microbiology	SBSB	<i>Jaini</i>
54	Manushri M. Natekar	Microbiology	SBSB	<i>Natekar</i>
55	Saloni S. Tavi	Microbiology	SBSB	<i>Tavi</i>
56	Arya R Dhumaskar	Microbiology	SBSB	<i>Dhumaskar</i>
57	Dorathia Njunwa	Microbiology	SBSB	<i>D. Njunwa</i>
58	Vaishnavi Palkar	Biotekhnology	SBSB	<i>Palkar</i>
59	Smriti Dessai	Microbiology	SBSB	<i>Dessai</i>
60	Shraddha Phadte	Microbiology	SBSB	<i>Phadte</i>
61	Tanica Fernandes	Microbiology	SBSB	<i>Fernandes</i>
62	Nehant Vernekar	Microbiology	SBSB	<i>Vernekar</i>
63	Gaurav Mardolkar	Microbiology	SBSB	<i>Mardolkar</i>
64	Chiara Rodrigues	Microbiology	SBSB	<i>Rodrigues</i>
65	Komal Phadte	Microbiology	SBSB	<i>Phadte</i>
66	Priyanka Madak	SE Chemistry	SES	<i>Madak</i>
67	Prince Fd Desai	Botany	SBSB	<i>Desai</i>



Sr. No.	Name	Discipline/ Programme	School	Signature
68	Aaraya Shahapurnkar	Microbiology	SBSB	<i>Aaraya</i>
69	Walusha Silveira	Microbiology	SBSB	<i>W. Silveira</i>
70	Kshatij Kumar	Microbiology	SBSB	<i>Kshatij</i>
71	Ashni G. Shrivastava	Biotechnology	SBSB	<i>Ashni</i>
72	Shruti Singh	Microbiology	SBSB	<i>Shruti</i>
73	Runali Naik	microbiology	SBSB	<i>R. Naik</i>
74	Sharvari A. Naik	microbiology	SBSB	<i>Sharvari</i>
75	Pavitra Lallikar	Microbiology	SBSB	<i>Pavitra</i>
76	Astrida Pinto	Microbiology	SBSB	<i>A. Pinto</i>
77	Grandisha M. Pawar	Microbiology	SBSB	<i>Grandisha</i>
78	Siddhi D. Nadekar	Microbiology	SBSB	<i>Siddhi</i>
79	Gladya Mendonza	Biotech	SBSB	<i>Gladya</i>
80	Kimberly D'Costa	Biotech	SBSB	<i>Kimberly</i>
81	Savi Raut Dessai	Biotech	SBSB	<i>Savi</i>
82	Tanusha K. Pooz	Biotech	SBSB	<i>T. Pooz</i>
83	Mrs. off. Shrivastava	"	SBSB	<i>Mrs. off.</i>
84	Vanda Pednekar	BIOTECH	SBSB	<i>Vanda</i>
85	Shristi Kulkarni	"	"	<i>Shristi</i>
86	Findouse Phanam	BIOTECH	SBSB	<i>Findouse</i>
87	Shreya Jadhav	Biotech	SBSB	<i>Shreya</i>
88	Shubhangi Maravi	"	"	<i>Shubhangi</i>
89	Nidhi Jeyekar	Biotech	SBSB	<i>Nidhi</i>
90	Shamini Kulkarni	Biotech	SBSB	<i>Shamini</i>
91	Anisha Pilankar	Biotech	"	<i>Anisha</i>
92	Shriya Raikar	Biotech	SBSB	<i>Shriya</i>

Sr. No.	Name	Discipline/ Programme	School	Signature
93	Pranav Valaikar	Chemistry	SCS	
94	Manasi Ugalekar	Chemistry	SCS	
95	Pranish Khobekar	Chemistry	SCS	
96	Sonam Kumari	Chemistry	SCS	
97	Shradha Thakur	Chemistry	SCS	
98	Shreyali Ainkar	Chemistry	SCS	
99	Jithin K	Marine Biotechnology	SBSB	
100	Mahesh Kumbhar	M.Sc. Biotechnology	SBSB	
101	Najees M	M.Sc. Marine Biotechnology	SBSB	
102	Chandranana Vengurlekar	M.Sc. Biotech	SBSB	
103	Ritiksha	GBT-II	SBSB	
104	Swarnil Mawal	Ph.D. Biotech	SBSB	
105	Sanita Rebels	Ph.D. Zoology	SBSB	
106	Shubham Raut	Ph.D. Zoology	SBSB	
107	Bhakti Dapale	Ph.D. Zoology	SBSB	
108	Vinay Vengurlekar	Ph.D. Zoology	SBSB	
109	Shraddha Khosijekar	Ph.D. Zoology	SBSB	
110	Tanya Natekar	Ph.D. Zoology	SBSB	
111	Ankit Sinha	Ph.D. Zoology	SBSB	
112	RANEET R. CANADE	CHEMISTRY	SCS	
113	PAYAN V. RATIL	PHD UTEM	SCS	
114	Apursha H. Nik	PhD Chemistry	SCS	
115	Lesha R. Lottikar	Marine Microbiology	SEOAS	
116	Dweta R. Kanekar	Marine Microbiology	SEOAS	
117	Shaikh Sheeb	Marine "	SEOAS	



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Sr. No.	Name	Discipline/ Programme	School	Signature
118	Aditya K. Shrivastava	MSc Marine Microbiology	SEOAS	<i>Aditya</i>
119	Rukha I. Sharma	"	"	<i>Rukha</i>
120	Sana K. Khan	"	"	<i>Sana</i>
121	Shivam Kadam	"	"	<i>Shivam</i>
122	Achutosh Sawant	"	"	<i>Achutosh</i>
123	Chetan Telaskar	"	"	<i>Chetan</i>
124	Vasant Gorekar	"	"	<i>Vasant</i>
125	John Fernandes	"	"	<i>John</i>
126	Haarsh Gawandalkar	"	"	<i>Haarsh</i>
127	Pratyot Parab	"	"	<i>Pratyot</i>
128	Padmaja Pinge	"	"	<i>Padmaja</i>
129	Anisha Sarteekar	"	"	<i>Anisha</i>
130	Vidhi M Pandya	MSc Biotech	SBSB	<i>Vidhi</i>
131	Gaurav Arawathigi	"	"	<i>Gaurav</i>
132	Amit Vernekar	"	"	<i>Amit</i>
133	Purush Desai	"	"	<i>Purush</i>
134	Sajal Mardelkar	MSc Microbiology	"	<i>Sajal</i>
135	Sana Polji	"	"	<i>Sana</i>
136	Shrikristna Pechekar	"	"	<i>Shrikristna</i>
137	Levi Pereira	MSc Biotech	SBSB	<i>Levi</i>
138	Sonu Kumar	"	SBSB	<i>Sonu</i>
139	Dr. Lakshmy Chya	Microbiology	SBSB	<i>Lakshmy</i>
140	Kanishka Rane	Microbiology	SBSB	<i>Kanishka</i>
141	Sumaiya Khan	Microbiology	SBSB	<i>Sumaiya</i>
142	Vaidhi Dhru	Microbiology	SBSB	<i>Vaidhi</i>

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Sr. No.	Name	Discipline/ Programme	School	Signature
143	Richa Verlekar	Biotech	SBSB	<i>Verlekar</i>
144	Shubha Manekar	"	"	<i>manekar</i>
145	Aakanksha Wadawalkar	"	"	<i>Wadawalkar</i>
146	Amaan Shrivastha	"	"	<i>Shrivastha</i>
147	Aamir Ashraf	"	"	<i>Ashraf</i>
148	Ananteyn Poles	Microbiology	SBSB	<i>Poles</i>
149	Arkita Katargutkar	"	SBSB	<i>Katargutkar</i>
150	Sanskriti M. Naik	" "	SBSB	<i>Naik</i>
151	Amaya Bhagat	"	SBSB	<i>Bhagat</i>
152	Sanskriti Dhargalkar	"	SBSB	<i>Dhargalkar</i>
153	Akanksha Mapsekar	"	SBSB	<i>Mapsekar</i>
154	Riya Gaware	"	SBSB	<i>Gaware</i>
155	KUNAL BANDEKAR	PART II MSC BIOTECHNOLOGY	SBSB	<i>Bandekar</i>

**Signature:**

**Name of Coordinator :** Dr. Bhakti Salgaonkar

**Designation:** Assistant Professor

**Discipline/ School** Microbiology, SBSB

**Co-Coordinator**

**Designation:**

**Discipline/ School**

Dr. Sanika D. Samant

Programme Director

Marine Biotechnology, SBSB

**Date:**

14<sup>th</sup> August, 2025

**Signature:**

**Name:** Dr. Lakshangy Charya

**Designation:** Programme Director

**Discipline/ School** Microbiology, SBSB

**Name:**

**Designation:**

**Discipline/ School**

Prof. S. Krishnan

Senior Professor & Dean

SBSB

Microbiology Programme  
 School of Biological Sciences & Biotechnology  
 Goa University, Science Block E,  
 Taleigao Plateau, Goa-403203

Dean of School of Biological Sciences  
 & Biotechnology  
 Goa University, Goa-403203

