

Goa University

Microbiology Discipline

School of Biological Sciences and Biotechnology

Report on “Invited talk by an alumnus on the topic – ‘Frozen Frontiers: Limnology and the Hidden Winter Secrets of Arctic Lakes’”

1. Title of the Event/Activity/program	Invited Talk by Alumnus “Frozen Frontiers: Limnology and the Hidden Winter Secrets of Arctic Lakes”
2. Date and Time	Date: 16/09/2025 Time: 2:00 pm to 3:30 pm
3. Mode of conduct (Physical/Online)	Physical (Offline)
4. School/ Directorate/ Section	School of Biological Sciences and Biotechnology (Microbiology discipline).
5. Collaborating Agency/School/Directorate	Department of Fundamental Sciences, University of Québec at Chicoutimi, Québec Canada
6. Detail of the Resource Person (Brief biodata)	PhD Scholar, Department of Fundamental Sciences, University of Québec at Chicoutimi, Québec Canada
7. Number of Faculty attended/participated	07
8. Number of Student attended / participated	55
9. No. of external students/faculty/other participants	03
10. The objectives of the Program/activity/event	1. To enhance the students’ knowledge regarding the cutting-edge research going on in the field of limnology in extreme polar environments, particularly in Arctic 2. To gain knowledge regarding research approaches, various specialized instrumentation and techniques used to carry out research in the extreme polar environments. 3. To highlight global research opportunities, which will help students to explore potential avenues for academic and professional growth.

11. Description of the Program/activity/event	Microbiology Discipline, School of Biological Sciences and Biotechnology, Goa University organized an invited talk by an alumnus on 16/09/2025 at 2:00 pm in Biotechnology Seminar hall, Faculty Block E, Goa University. The Resource person for the talk was Shri. Mukund R. Gauthankar, PhD Scholar, Department of Fundamental Sciences, University of Québec at Chicoutimi, Québec Canada. The resource person delivered a talk on the topic “Frozen Frontiers: Limnology and the Hidden Winter Secrets of Arctic Lakes”. The talk was attended by 55 students (MSc and PhD), 7 Faculty members and 3 external participants.
12. Benefit/Key outcomes of the Program/activity/event	1. Students gained exposure to ongoing research in the field of Limnology, particularly in the extreme polar environment of the Arctic. 2. Students developed awareness of various tools, techniques, and sampling equipment employed in conducting research in polar habitats. 3. Students familiarized themselves with the environmental conditions prevailing in the Arctic and the challenges associated with conducting research there. 4. Students were introduced to global research opportunities, application procedures, and various funding agencies supporting research globally. 5. Students engaged in interactive discussions with the resource person, clarifying their queries regarding the subject.
13. Enclosures with report	1. Brochure 2. Geo-tag photos 3. Letter of Invitation 4. Letter of Appreciation 5. Attendance of participants

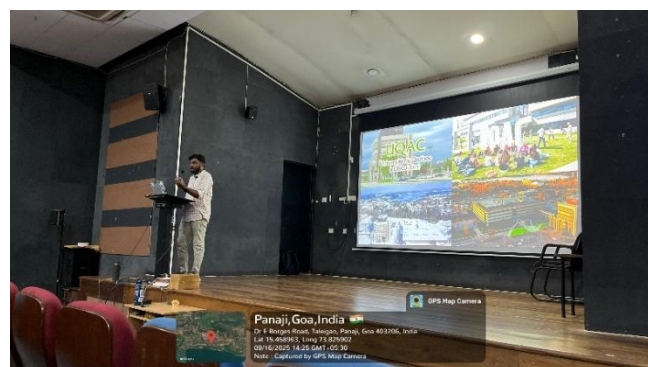


GOA UNIVERSITY
Microbiology Discipline
School of Biological Sciences and
Biotechnology
Invited Talk by an Alumnus:
**"Frozen Frontiers: Limnology and the Hidden
Winter Secrets of Arctic Lakes"**
Resource Person:
Shri Mukund R. Gauthankar

PhD Scholar,
Department of Fundamental Sciences,
University of Québec at Chicoutimi
Québec Canada

Date: 16 September 2025
Time: 2:00 – 3:00 pm
Venue: Biotechnology Seminar Hall,
Faculty Block E, Goa University

Organizing Committee Members:
Dr. Lakshangy S. Charya (Coordinator)
Ms. Komal S. Salkar (Co-Coordinator)
Dr. Milind M. Naik (Programme Director)
Prof. Sandeep Gang (Vice Dean – Research, SBSB)
Prof. Sanjeev Ghadi (Vice Dean – Academic, SBSB)
Prof. S. Krishnan (Dean, SBSB)







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Ref no: GUSBSB/Micro/2025/244 Date: 12/09/2025

To,

Shri Mukund R. Gauthankar
PhD Scholar
Department of Fundamental Sciences
University of Quebec at Chicoutimi
Quebec Canada

LETTER OF INVITATION

Dear Shri. Mukund R. Gauthankar,

Warm greetings from Goa University.

It is with great pride and admiration that we extend this invitation to you "our distinguished alumnus" and currently a PhD Scholar at University of Quebec at Chicoutimi Quebec Canada to deliver a guest lecture for our students.

Your research journey and experience in the field of limnology, in extreme polar environments will serve as an inspiration to many of our students who aspire to build meaningful careers in the field of research. We believe that your experience would be immensely valuable in guiding students as they navigate their academic and career choices.

We would be honoured to host you for this guest lecture on "Frozen Frontiers: Limnology and the Hidden Secrets of Arctic Lakes" at 2:00 pm, at Goa University. The session will highlight your research journey and experiences in the field of limnology within extreme polar environments, with a particular focus on the Arctic. We would also greatly appreciate it if you could share insights on global research opportunities and provide guidance on the application process. This will be immensely valuable in helping students explore potential pathways for their academic and professional development.

We look forward to welcoming you back to your alma mater and to an enriching session for our students.

With warm regards,

Sincerely,



Sr. Prof. S. Krishnan
Dean
School of Biological Sciences & Biotechnology
Goa University
Dean of School of Biological Sciences & Biotechnology
Goa University, Goa - 403206



Dr. Lakshang Charya
Coordinator
Assistant Professor, Microbiology, SBSB
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Ref no: GUSBSB/Micro/2025/247 Date: 16/09/2025

To,

Shri Mukund R. Gauthankar
PhD Scholar
Department of Fundamental Sciences
University of Quebec at Chicoutimi
Quebec Canada

LETTER OF APPRECIATION

Dear Shri. Mukund R. Gauthankar,

Warm greetings from Goa University.

On behalf of Goa University, we would like to extend our heartfelt appreciation for delivering the insightful guest lecture titled "Frozen Frontiers: Limnology and the Hidden Winter Secrets of Arctic Lakes" on 16th September, 2025 at Goa University.

It was with great pride and admiration that we invited you "our distinguished alumnus" and a PhD Scholar at University of Quebec at Chicoutimi Quebec Canada. Your presence and the knowledge you shared were truly inspiring.

Your research experience and deep understanding of Arctic lakes, left a strong impression on our students. Many of them expressed how the session opened their minds to the global research opportunities, and were left inspired to carry out innovative research in extreme polar environments. The clarity with which you shared the intricacy of the application process was especially impactful.

We are grateful for the time and effort you devoted to supporting your alma mater and for contributing to the academic and professional development of our students. It was a privilege to host you, and we sincerely hope to collaborate with you again in the future.

With warm regards and deep appreciation,

Sincerely,



Sr. Prof. S. Krishnan
Dean
School of Biological Sciences & Biotechnology
Goa University
Dean of School of Biological Sciences & Biotechnology
Goa University, Goa - 403206



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