

*"Too mathematical to interest most biologists and not sufficiently
mathematical to interest most mathematicians"*

Education

- 2021–2026 **Integrated Msc**, National Institute of Science Education and Research, Bhubaneswar.
CGPA - 8.72
- 2009–2021 **Schooling**, Kendriya Vidyalaya No. 1, Palakkad, Kerala.
 X^{th} - 97%, XII^{th} - 97.8%

Publications

- 2025 **Srinivas, C.L., Sreerag, M., Mukherjee, R. et al.** Image-based South Asian bee species identification: a machine learning approach. J Insect Conserv 29, 55 (2025).
<https://doi.org/10.1007/s10841-025-00691-7>
- Manuscript under review **Publication**, NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH, In collaboration with N Devanand¹, Shwetha Sasindran¹, Dr. Rittik Deb¹, ¹ NISER.
This project is aimed at assessing the accuracy of various android SPL measurement applications by comparing them with a standard Brüel & Kjær SLM. Testing is done inside an anechoic chamber by comparing readings across a frequency range of 3kHz to 10kHz with varying sound levels at each frequency.

Projects

- August 2024 - present **MSc thesis**, NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH, Modeling the evolution of ARTs using a continuous trait-based approach, Under Dr. Rittik Deb ¹ in collaboration with Dr. Colin T Kremer ², ¹ - NISER, ² - UConn.
The aim of my project is to understand how the evolution of alternative reproductive tactics can be modeled using a continuous trait based approach. I am also focusing in empirically parameterizing this model using data for a species of tree cricket, *O.henryi*.
- May-July 2025 **Summer Project**, UNIVERSITY OF CONNECTICUT, STORRS, Dr.Colin T Kremer, Assistant Professor, Department of Ecology and Evolutionary Biology, .
Continuous games and trait based adaptive dynamics
- June-July 2024 **Summer Project**, INDIAN INSTITUTE OF SCIENCE, BANGALORE, Prof.Vishwesh Guttal, Professor, Center for Ecological Sciences, .
Collective behavior

June-July 2023 **Summer Project**, NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH, BHUBANESHWAR, Dr.Rittik Deb, Assistant Professor, School of Biological Sciences, .
Effect of development stage diet on adult size and weight

Collaborations

August 2024 **Coding**, NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH, In collaboration with Thejas N Manojkumar¹, ¹ NISER.
The goal was to write a python script to synthesize artificial calls of the field cricket *Gryllodes sigillatus*. Phonotaxis experiments show that the artificial signals are highly effective in eliciting female response (for codes refer [here](#)).

Workshops and Conferences

March 2025 **Workshop**, INTERNATIONAL CENTER FOR THEORETICAL SCIENCES, BANGALORE, Decisions, Games and Evolution.
Attended and presented a [poster](#) in the workshop "[Decisions, Games and Evolution](#)" at the International Center for Theoretical Sciences, Bangalore

August 2025 **Conference**, INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH, KOLKATA, Behavior.
Presented a [poster](#) at "[Behavior 2025](#)" the International Congress on Ethology at Kolkata

Achievements & Awards

2025 Selected for the [IUSSTF Khorana Program For Scholars 2025](#)

2025 GATE Ecology and Evolution (EY) [All India Rank 52](#), GATE Life Sciences (XL) [All India Rank 775](#)

2025 CSIR-UGC NET Life Sciences (703) [All India Rank 87](#)

2024 GATE Ecology and Evolution (EY) [All India Rank 10](#), GATE Life Sciences (XL) [All India Rank 970](#)

2024 Selected for Indian Academy of Sciences Summer Research Fellowship

2021-2026 Department of Science and Technology INSPIRE Fellow

Computer skills

Coding PYTHON, R(basic)
Typography L^AT_EX