

*"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 **Publication**, NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH,
under review 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 - **MSc thesis**, NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH,
present Game Theoretic Modelling of Alternative Reproductive Tactics, Under Dr. Rittik
Deb.
The aim of my project is to understand mate signaling behavior using communication games
and evolutionary game theory. I am trying to develop a theoretical model to explain the
evolution of alternative signaling tactics using trait based adaptive dynamics. My model
organism is a tree cricket, *Oecanthus henryi*.
- May-July **Summer Project**, UNIVERSITY OF CONNECTICUT, STORRS, Dr. Colin T Kremer,
2025 Assistant Professor, Department of Ecology and Evolutionary Biology, .
Continuous games and trait based adaptive dynamics
- June-July **Summer Project**, INDIAN INSTITUTE OF SCIENCE, BANGALORE, Prof. Vishwesha
2024 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.
Selected to present a poster at "[Behavior 2025](#)" the International Conference on Ethology at IISER, 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