



# C L Srinivas

## Curriculum Vitae

*"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 Devanand<sup>1</sup>, Shwetha Sasindran<sup>1</sup>, Dr. Rittik Deb<sup>1</sup>, <sup>1</sup> 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<sup>1</sup> in collaboration with Dr. Colin T Kremer<sup>2</sup>, <sup>1</sup> - NISER, <sup>2</sup> - 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**

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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*

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## Collaborations

August 2024 **Coding**, NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH, In collaboration with Thejas N Manojkumar<sup>1</sup>, <sup>1</sup> 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](#)).

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## 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

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## 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

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## Computer skills

Coding PYTHON, R(basic)  
Typography L<sup>A</sup>T<sub>E</sub>X

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## Extra-Curricular Activities

Art

Visual Art [@art\\_srini](#)

Photography [@photo\\_srini](#)

## Athletics

Distance [Coal India Bhubaneswar Half Marathon 2025](#)

Running

Track [IISM 2024 4x400m Men's Relay Gold](#)

## Badminton

2025 KDBSA Badminton Men's Doubles Runner Up

2023 AIIMS Bhubaneswar Ashwamedha Men's Badminton Runner Up

2022-2024 Badminton Team Captain, NISER Bhubaneswar

2017 Palakkad District U-15 Men's Singles Semi-finalist