



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति  
**INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI**  
(An Autonomous Institute under Ministry of Human Resource Development, Govt. of India)  
Transit Campus : Sree Rama Engineering College, Rami Reddy Nagar, Karakambadi Road,  
Mangalam B.O., Tirupati – 517 507, Andhra Pradesh, India

## TO WHOMSOEVER IT MAY CONCERN

Ms. Ranjane Aron has been interning in my research group ([www.sciuridlab.in](http://www.sciuridlab.in)) at IISER Tirupati since 20th January 2022. She has been assisting my Ph.D. Student Ms. Nivetha Murugesan, with her projects investigating the evolution of coat coloration in squirrels and other rodents. Ranjane worked on image analysis by predominantly using the Micatoolbox plugin ImageJ tool as part of the projects. In addition, she expanded her skills by working on quantifying coat coloration using pre-standardized python-based color detection. She was exposed to multiple approaches to color quantification from images of different species and sources. Along with my Ph.D. student and other interns, she has had hands-on experience investigating the pros and cons of a few major methods of qualitative and quantitative image analysis.

She demonstrated substantial motivation and enthusiasm during her internship to discuss and learn ecological theories. She followed through with the advanced image analysis pipeline and was open to the challenge of learning new techniques. She completed the tasks assigned to her in a timely and sincere manner. She actively participated in most lab meetings. She was eager to know more about other research happening in the lab. She is active, outgoing, and enthusiastic about studying ecology. She is a good team player and offers help as well as asks for help from her team easily.

With certainty, I recommend her for admission to your master's program. I believe that she will demonstrate excellence and curiosity to continue learning. If you have queries, please contact me at [nandini@labs.iisertirupati.ac.in](mailto:nandini@labs.iisertirupati.ac.in)

Regards,

Dr. Nandini Rajamani  
Assistant Professor, IISER Tirupati

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Sri Venkateswara College  
University of Delhi



## SRI-VIPRA 2021

*Sri Venkateswara Internship Program for  
Research in Academics*

This is to certify that Mr./Ms. Ranjane Aron pursuing B.Sc. (Hons.) Zoology has participated in the project titled Vocal Behaviour and Signalling Niche Partitioning among amphibians from 3<sup>rd</sup> July to 31<sup>st</sup> August 2021, under the mentorship of Mr./Ms./Dr. Robin Suyesh.

1961 - 2021

Sharda Pasricha

Convenors

S. Krishnakumar

Dr. N. Latha

IQAC

Prof. C. Sheela Reddy

Principal