

JOBIN VARUGHESE

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EDUCATION

Ph. D (Ecology and Landscape Ecology), IISER Tirupati	Finishing by Nov 2023
M.Sc. (Ecology and Environmental Science), Pondicherry University	2018
Masters in Landscape Architecture, CEPT Ahmedabad	2012
B. Arch (Bachelors in Architecture), MNIT Jaipur	2009

WORK EXPERIENCE

Visiting Researcher – Aug 2023, Prof John Kershaw, University of New Brunswick, Canada
Professional Experience, Field Assistant – April 2016 to June 2016 and May 2017 to June 2017,
Supriya K., PhD student under Dr Trevor Price, University of Chicago
Professional Experience, Landscape architect – August 2012 to June 2015, Integrated Design,
Jayanagar, Bangalore, India
Professional Training, Trainee Landscape Architect – May 2011 to July 2011, M/S Prabhakar
Bhagwat Landscape Architects, Ahmedabad, India
Professional Experience, Junior Architect – June 2009 to July 2010, M/S Arcop Associates Private
Limited, Noida, Uttar Pradesh, India
Professional Training, Trainee Architect – December 2008 to May 2008, Ar. Suhasini Ayer-Guigan,
Auroville Design Consultants, Pondicherry, India

VOLUNTEER AND INTERNSHIP EXPERIENCE

	Research Taxon
Professional Experience, Design Intern – Dec 2017- Feb 2018 and May-2018 to Jul 2018 , Current Conservation, Dakshin Foundation, Bangalore, India	
Volunteering experience, Field Volunteer – October 2015 to December 2015 , Dr Uma Ramakrishnan's Lab, NCBS, Bangalore, India	Rodents
Volunteering experience, Intern – September 2015 to October 2015 , A Rocha India, Bangalore, India	Elephants
Volunteering experience, Volunteer – July 2015 to August 2015 , Madras Crocodile Bank Trust, Chennai, India	Crocodiles and other amphibians

PUBLICATIONS

Jobin, V., Das, A., Harikrishnan, C. P., Chanda, R., Lawrence, S., & Robin, V. V. (2023). Patterns of understory invasion in invasive timber stands of a tropical sky island. *Ecology and Evolution*, 13(4), e9995.

Chanda, R. & **Jobin, V.** (2020) Oriental Pied Hornbill *Antracoceros albirostris* preying upon a Black-crested Bulbul *Pycnonotus falviventris* nestling. *Indian Birds*. 16, 58-59.

Jude, D., Aravind, P.S., Chanda, R., Subash, M., **Jobin, V.**, (2021) Provisioning behaviour of Malabar Starling *Sturnia blythii*. *Indian Birds*.

Jobin, V., Das, A., Harikrishnan, C. P., Chanda, R., Lawrence, S., & Robin, V. V. Stand structure of non-native timber influences native forest tree regeneration in the understory. *In prep.* To be sent to *Forest Ecosystems*.

Jobin, V., Harikrishnan, C. P., Chanda, R., Lawrence, S., Jathanna, D., Robin, V. V. Specific ecological settings in invasive tree stands that permit colonisation of avian biodiversity. *In prep.* To be sent to *PNAS/ Proceedings B/ Nature Ecology and Evolution*.

Jobin, V., Meera, M., Dharmarajan, G., Gupta, P., Mukherjee, S., and Robin V.V. Patterns of landscape change in a tropical mountain, and interaction with climate change across the range. *In prep.* To be sent to *Biotropica*.

Jobin, V., Harikrishnan, C. P., Chanda, R., Lawrence, S., Jathanna, D., Robin, V. V. A photo-based alternative to assess vegetation attributes in tropical forests. *In prep.* To be sent to *Forest Ecology and Management*.

CONFERENCES

Oral presentation at **Annual Meeting of the Association for Tropical Biology and Conservation, 2023**, at Coimbatore, India

Oral presentation at **Indian Society of Evolutionary Biologists (ISEB), 2022** at Gaya, Bihar, India

Oral presentation at **International Ornithological Congress, 2022 (Virtual)**

Poster presentation at **Ecological Society of America Annual Meeting, 2021 (Virtual)**

Poster Presentation at **Biology Division's Annual Talks- 2020 at IISER Tirupati** at Tirupati, India

Poster Presentation at **National Symposium on Avian Biology, 2019** at Tirupati, India

Poster Presentation in **SCCS-Bangalore 2018, India**

FELLOWSHIPS AND AWARDS

Total fellowship received	\$57,500
Prime Minister Research Fellowship-2019 in Biology	2020-2023
Institute fellowship) for GATE Scholar 2018 (Ecology and Evolution) – All India Rank 5	2018-2019
Fellowship for Rank-holders (Pondicherry University)- 2016	2016-2018
Fellowship for GATE scholar 2010 (Architecture)	2010-2012
Awards - Total received	\$100,000
Co-authored National Geographic Level II Grant with Dr VV Robin	2021-2024

TEACHING EXPERIENCE:

Class teaching experience on *Fundamentals of Ecology* for BSc students at Mother Teresa Women's University, Kodaikanal, in August-October 2022.

Class teaching experience on *Mapping Climate change across Palni Hills* for Std XII students at Kodaikanal International School, Kodaikanal, in August-November 2021.

Class teaching experience on *Ecology* for M.Sc students at the Department of Wildlife Biology, Government Arts College, Udahagamandalam, in September-October 2020.

TEACHING ASSISTANTSHIPS

NPTEL Course TA for *Basic Course in Ornithology* for 12 weeks, from January 2023 to April 2023, by Dr Mousumi Ghosh, Dr Manjari Jain, Dr R Jayapal, Dr Anand Krishnan, Dr Suhel Quader, Dr V.V. Robin, Dr Umesh Srinivasan, NCF, IISER Mohali, SACON, IISER Bhopal, NCF, IISER Tirupati, IISc Bangalore. [Link](#)

NPTEL Course TA for *Wildlife Ecology* for 12 weeks, from July 2022 to October 2022, by Prof. Ankur Awadhiya, IIT Kanpur [Link](#)

NPTEL Course TA for *Basic Course in Ornithology* for 12 weeks, from January 2022 to April 2022, by Dr Mousumi Ghosh, Dr Manjari Jain, Dr R Jayapal, Dr Anand Krishnan, Dr Suhel Quader, Dr V.V. Robin, Dr Umesh Srinivasan, NCF, IISER Mohali, SACON, IISER Bhopal, NCF, IISER Tirupati, IISc Bangalore.

Webinar experience on *Birds in Natural and Urban Landscapes* in the July Web-Talk Series on 'Ecologically Sensitive Design Solutions' by the Indian Society of Landscape Architects (ISOLA)- Bangalore in July 2020.

Class teaching experience on *Birds of Wetland* for students of Master in Landscape Architecture at the Department of Architecture, MS Ramaiah Institute of Technology, Bangalore, in December 2019.

Teaching Assistantship for students of First Year BSMS of IISER Tirupati for the course *Introduction to Biology* (BIO 111) with Course Instructors: Prof BJ Rao, Prof Swarup Roy Choudhury, Prof Suchi Goel & Prof Nandini Rajamani in Aug-Dec 2019.

Teaching Assistantship for students of Second Year BSMS of IISER Tirupati for *Ecology and Evolution* (BIO 212) with Course Instructors: Prof VV Robin & Prof Nandini Rajamani in Aug-Dec 2018.

INVITED TALKS

Class teaching experience on *Regeneration Ecology* for M.Sc students at the Department of Botany, St. Francis College of Women, Hyderabad, in September 2021.

Class teaching experience on *Avian Ecology* for M.Sc students at the Department of Ecology, Pondicherry University, Pondicherry, in June 2021.

Class teaching experience on *Landscape design* for B.Arch students (Semester V) at the Institute of Architecture & Planning, Nirma University, in October 2020.

Class teaching experience on *Designing Zoos* for students of Master in Landscape Architecture at the Department of Architecture, MS Ramaiah Institute of Technology, Bangalore, in December 2018.

Class teaching experience on *Planting Design* for students of Master in Landscape Architecture at the Department of Architecture, Bangalore University in December 2014.

INTERVIEWS

Interview on ornithology.in/researchers-corner/- a platform that hosts valuable resources for students and researchers, and promotes collaboration in ornithology research and training, Apr 2022 [Link](#)

Interview on *The thing about Landscape Avifauna* on the podcast - The Thing About Wildlife, nature podcast by Ishika Mar 2022 [Link](#)

Interview on *The thing about Landscape Avifauna* on the podcast - The Thing About Wildlife, nature podcast by Ishika Mar 2022 [Link](#)

POPULAR ARTICLES AND ILLUSTRATED BOOKS AND ARTICLES

Illustration for Popular Conservation Article written in the journal *Current Conservation* titled "Slow Conservation in the Nilgiris Field Learning Center: an integrative model of Education, research, and Practice" in December 2018 [Link](#)

Popular Article written in the book section titled *Imagining and Observing Nature* in the Book 'Flights of Hope' published by LA Journal in March 2018. [Link](#)

Coffee table booklet called *Birds in the City, Summer Observation* by Landscape Environment Advancement Foundation, 2011, [Link](#)

ACADEMIC MENTORING

I have mentored 52 graduate students, five field assistants, and one student of Std XI during my PhD. [LINK](#).

I have also contributed to the projects of several others in study design and analyses informally.

The notable mentees are listed below:

Student	Institution	Degree	Year
Akhil Sivadas	ATREE Bangalore	MSc	2023
Noel Christopher	Kodaikanal International School	Std XI	2022

CONSULTANCY

Led a consultancy project with Robin's lab for the Tamil Nadu government (TNFD) on their native grassland restoration project in Kodaikanal (TANII).

SKILLS AND RESEARCH TECHNIQUES

Wildlife Population Estimation: Course by Devcharan Jathanna, WCS Bangalore

Advanced Ecological Statistics: Workshop by Kavita Isvaran and Vishweshia Guttal, IISc Bangalore

Preparatory School on Population Genetics and Evolution, International Centre for Theoretical Sciences of the Tata Institute of Fundamental Research, Bangalore.

SELECTED ARTWORKS FOR THE COMMUNITY

Designed (ideas, illustrations and execution) posters, t-shirts, tags, brochures and other merchandise for National Symposium for Avian Biology 2019

Designed t-shirts for Birding Club at IISER Tirupati in 2019 and 2023

Illustrated birds and their behaviour as part of the [Inktober challenge](#) for 2020-2022 on Instagram

SOCIAL MEDIA

[Instagram](#)

[Twitter](#)
