

Sreehari Raman

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Born and brought up in Munroe Island, a backwater tourist village in south India. My education and passion for nature shaped me as a young biologist. Over the years, I focused on highly specialized small mammal groups such as bats and small-carnivores seen in the Western Ghats biodiversity hotspot. My research on taxonomy, biogeography, bioacoustics, niche modelling, and behavioral ecology using advanced techniques will help to draw meaningful results for the long-term conservation of those elusive species and their habitats.

Professional Experience

Assistant Professor: Dept. of Wildlife Sciences, Kerala Agricultural University (KAU), India (15 Feb 2021-continuing)

Assistant Director: Institute for Biodiversity Conservation and Training, IBCT Bangalore, India (June 2020-Feb 21)

Teaching Assistant: KAU (Nov 2012– Feb 2014 & Sept 2015– Aug 2016)

Ecologist: Periyar Tiger Conservation Foundation, Periyar Tiger Reserve Kerala (March 2014–April 2015)

GIS consultant: Consultant for Kerala Forest Development Corporation, Thrissur (2015)

Ecotourism consultant: Consultant for Palaruvi Ecotourism, Kerala Forest Department (2014)

Education (Completed)

M.Sc. Wildlife Sciences (2010-2012), Kerala Agricultural University

B.Sc. Forestry (2006-2010), Kerala Agricultural University

Courses offered at Kerala Agricultural University

Undergraduate programme

1. Wild 1201: Wildlife biology (2+1)
2. SAAS 2119: Forest Ecology and conservation biology (2+1)
3. Wild 2203: Herpetology (1+1)
4. Wild 3104: Wildlife management (1+1)
5. Wild 3206: Fundamentals of conservation biology (1+1)

Postgraduate programme

6. WLS 502: Advanced Wildlife Management (2+1)
7. WLS 505: Mammalogy and Indian Mammals (2+1)
8. WLS 508: Wildlife Ecology (1+1)

Research student

1. Ms. Mahalakshmi C (2022-2024). Dissertation title: Integrative taxonomy of vesper bats of Western Ghats (2022-2024); Bat Conservation International (BCI) Fellow 2024

Ongoing projects

1. Integrative taxonomy and impact of climate change of bats of Western Ghats
2. Movement ecology of *Latidens salimalii* fruit bat supported by HOLOHIL and IDEAWILD
3. Human-Wildlife Conflict mapping in Goa

Research partners/Collaborators

1. Dr. Pipat Soisook, Prince of Songkla University, Thailand
2. Dr. Uma Ramakrishnan National Centre for Biological Sciences, Bangalore, India
3. Dr. Balaji Chattopadhyay and Dr. Kritika Garg, Ashoka University, New Delhi, India
4. Dr. Tharaka Kusuminda, University of Ruhuna, Sri Lanka
5. Dr. Rohit Chakravarty, Nature Conservation Foundation, Bangalore

Other institutional collaborators

6. Kerala Forest Department
7. Kerala Forest Research Institute
8. Kerala Forest Development Corporation
9. Goa Forest Department
10. Pondicherry University
11. Bat Conservation India Trust

Grants/ Scholarship/Awards/Recognitions

1. Research grant worth 5 Lakhs (6,020 USD) for mapping Human Wildlife Conflict in Goa State (Goa Forest Department, Oct 2023)
2. Received IDEA WILD equipment Grant thrice (2016, 2021, 2023)-equipment's worth USD 4,000 for undertaking bat studies in India.
3. Holohil Grant programme 2022-4th Quarter winner. Received bat-transmitting devices worth CAD\$2,000 for studying bat movement patterns in Western Ghats (2022).
4. Dr. C. Chandrashekharan Memorial Award for the contributing towards forest conservation in Kerala, India (2020)
5. Yunnan Research Grant for undertaking a project entitled "Understanding the probable impact of climate change on the bat communities of south India" (2017)
6. Doctoral fellowship from University of Chinese Academy of Sciences for doctoral degree (2016)
7. Consultancy grant for land survey and preparation of land use map under Kerala Forest Development Corporation, Thrissur, Kerala, India (2015)
8. Consultancy grant for undertaking ecotourism carrying capacity under Kerala Forest and Wildlife Department, Palaruvi ecotourism, Kerala, India (2015)
9. Appreciation letter for the commendable work done in Periyar Tiger Reserve by Kerala Forest Department (2014)
10. Full scholarship for presenting a research paper in Students Conference on Conservation Science (SCCS), Uni. of Cambridge (2013)
11. Scholarship for one-month internship on Bat taxonomy and acoustics at Harrison Institute, United Kingdom (2013)
12. Secured second position in KAU Post Graduate programme (2012)

Journal Publications

1. Shameer et al. (2023). Temporal segregation of lesser feline predators and canids in the estuarine mangroove delta of Krishna Wildlife Sanctuary, India. *Zoology and Ecology* (IF 0.831) <https://doi.org/10.35513/21658005.2023.1.9>
2. Shameer et.al. (2023). Distribution and conservation status of the endemic Nilgiri Marten (*Martes gwatkinsii*). *Mammalia* (IF 1.197) <https://doi.org/10.1515/mammalia-2021-0113>
3. Anderson et al. (2022) First record of a Tomb Bat (Chiroptera: Emballonuridae: Taphozous) and notes on Flying Foxes (Chiroptera: Pteropodidae: Pteropus) from the Maldives. *Journal of Bat Research and Conservation*. <https://doi.org/10.14709/BarbJ.15.1.2022.10>
4. Raman et al. (2022) Identifying priority areas for bat conservation in peninsular India. *Journal of Mammalogy* <https://doi.org/10.1093/jmammal/gyac060> (Q1, IF 2.29)
5. Shameer et al. (2022). How do the sympatric forest mongooses coexist in the Western Ghats landscape? Insights from Spatio-temporal approach. *Community Ecology* <https://doi.org/10.1007/s42974-022-00101-x> (IF 1.803)
6. Amal et al. 2021. First record of predation of a fruit bat by Malabar Grey Hornbill (*Ocyrceros griseus*) from southern Western Ghats, India. *Wilson Journal of Ornithology*. <https://doi.org/10.1676/19-00072> (IF 0.5)
7. Raman et al. 2021. Annotated checklist, distribution and regional status of bats (Mammalia: Chiroptera) of Kerala, South India. *Journal of Bat Research and Conservation*. <https://doi.org/10.14709/BarbJ.14.1.2021.17>
8. Shameer et al. 2021. Phenotypic variations, habitat suitability, and diel activity of the endemic brown palm civets. *Geology, Ecology and Landscapes*. <https://doi.org/10.1080/24749508.2021.1971411>
9. Raman & Hughes. 2020. Echobank for the Bats of Western Ghats Biodiversity Hotspot, India. *Acta Chiropterologica* <https://doi.org/10.3161/15081109ACC2020.22.2.010> (Q1, IF 1.145)
10. Raman et al. 2020. Habitat suitability model of endangered *Latidens salimalii*, and the probable consequences of global warming. *Tropical Ecology* <https://doi.org/10.1007/s42965-020-00114-5> (IF 1.333)
11. Raman et al. 2020. New geographic record of Peters's Trumpet-eared Bat *Phoniscus jagorii* (Peters, 1866) from India. *Journal of Bat Research and Conservation*. <https://doi.org/10.14709/BarbJ.13.1.2020.12>

12. Srinivasulu et al. 2020. A review of the bacular morphology of some Indian bats (Mammalia: Chiroptera). *Journal of Threatened Taxa* <https://doi.org/10.11609/jott.5650.12.9.15985-16005>
13. Raman et al. 2020. Protrusive influence of climate change on the ecological niche of endemic Brown mongoose (*Herpestes fuscus fuscus*): A MaxEnt approach from Western Ghats, India. *Modeling Earth Systems and Environment* <https://doi.org/10.1007/s40808-020-00790-1>
14. Sreehari & Nameer. 2016. Small carnivores of Parambikulam Tiger Reserve, Southern Western Ghats, India. *Journal of Threatened Taxa* <https://doi.org/10.11609/jott.2311.8.11.9306-9315>
15. Sreehari et al. 2016. Recent records and distribution of Indian Brown Mongoose *Herpestes fuscus* Gray, 1837 (Mammalia: Carnivora: Herpestidae) from Southern Western Ghats, India. *Journal of Threatened Taxa* <https://doi.org/10.11609/jott.2347.8.11.9367-9370>
16. Nameer et al. 2016. First record of Dobson's Long-tongued Fruit Bat *Eonycteris spelaea* (Dobson, 1871), (Mammalia, Chiroptera, Pteropodidae) from Kerala, India. *Journal of Threatened Taxa* <http://dx.doi.org/10.11609/jott.2496.8.11.9371-9374>
17. Rajkumar et al. 2016. New Locality Record of Travancore Bush Frog *Raorchestes travancoricus* Boulenger, 1981 (Amphibia: Anura: Rhacophoridae) from Periyar Tiger Reserve, Kerala, India. *Journal of Threatened Taxa* <https://doi.org/10.11609/jott.2139.8.1.8379-8382>
18. Sreehari & Nameer. 2013. The first record of Nilgiri Marten *Martes gwatkinsii* from Parambikulam Tiger Reserve, southern Western Ghats, India. *Small Carnivore Conservation* <https://smallcarnivoreconservation.com/index.php/sccg/issue/view/273/75>
19. Sreehari et al. 2013. Recent records of Ruddy Mongoose *Herpestes smithii* and Brown Mongoose *Herpestes fuscus* from Kerala, Southern Western Ghats. *Small Carnivore Conservation* <https://smallcarnivoreconservation.com/index.php/sccg/issue/view/273/75>

Research Reports

1. Sreehari, R. 2016. *An assessment of recreational value and carrying capacity for various ecotourism products in Palaruvi, Aryankavu Range, Thenmala Forest Division*. Kerala Forest Department, Kollam, 34p.
2. Jamaludeen, V. and Sreehari, R. 2016. *Report on the sandal regeneration survey at Aryankavu Range, Thenmala Forest Division*, Kerala Forest Department, Kollam, 23p.
3. Sreehari R., S. Chacko and R.M. Babu. 2015. *Report on the workshop Human-Wildlife Interface held at Periyar Tiger Reserve on 3rd March 2015*. Periyar Tiger Conservation Foundation, Thekkady, Kerala, 36p.
4. Sreehari R., 2015. *Ecological Impact monitoring of Sabarimala Pilgrimage Season 2014-2015*. Periyar Tiger Conservation Foundation, Thekkady, Kerala, 32p.
5. Sreehari R. and Chacko, S. 2015. *Impact of raised water level at Periyar Lake in Periyar Tiger Reserve*. Periyar Tiger Conservation Foundation, Thekkady, Kerala, 35p.
6. Das, S., R. Sreehari and K.P. Rajkumar. 2015. *Report on the Amphibians of Periyar Tiger Reserve*. Periyar Tiger Conservation Foundation, Thekkady, Kerala, 29p.
7. Kalesh, S. and R. Sreehari. 2015. *Butterflies of Periyar Tiger Reserve*. Periyar Tiger Conservation Foundation, Thekkady, Kerala, 49p.
8. Sreehari R. and S. Umesh. 2014. *Impact Assessment during Chitrapournami festival in Mangaladevi, Periyar Tiger Reserve during 2014*. Periyar Tiger Conservation Foundation, Thekkady, Kerala, 26p.

Extension-Resource person/Invited lectures/training/Webinar

1. *Resource Person*: “Three-day comprehensive workshop on bat taxonomy, acoustics and biogeography” at Kerala Forest Research Institute, India (03-05 April 2024)- trained 30 early career researchers/students/faculties
2. *Resource Person*: Two day training on wildlife monitoring and management for the frontline staffs of Kerala Forest Development Corporation, KFDC Gavi Division (23 & 24 Jan 2024)- trained 50 frontline staffs of KFDC
3. *Invited talk*: “Human-Wildlife Conflict: animal behavior, mitigation measures” to the Range Forest Officers (30#), Kerala Forest Department 12 Jan 2024 (online)

4. *Invited talk: "Status and conservation of wildlife in Kerala" to the Range Forest Officers (trainees), Kerala Forest Department 18 Dec 2024 (online)*
5. *Invited lecture: "Bats: Nature's mysterious aviator" at Thunchath Ezhuthachan Malayalam University, Kerala (25 Sept 2023) Attendees 30*
6. *Resource person : "Two-day workshop on Ecological Niche Modelling using MaxEnt" at Kerala Forest Research Institute, India (9-10 Aug 2023)- Attendees 30*
7. *Resource person: "Two days training workshop on bat taxonomy and acoustics" at Kerala Forest Research Institute, India (27-28 Feb 2023)- Attendees 25*
8. *Invited Lecture: "Wildlife and Conservation Biology" for the Beat Forest Officers at State Forest Training Institute, Walar, Palakkad (4-6 July 2022; 17-19 Oct 2022; 6-7 Feb 2023; 2-4 May 2023) Total Attendees 150*
9. *Invited lecture: "Wildlife monitoring techniques" for the Beat Forest Officers trainees at State Forest Training Institute, Arippa, Kerala (21-22 Oct 2022) Attendees 50*
10. *Invited talk: "Insight into the taxonomy and ecology of bats of Western Ghats" at Advanced Institute for Wildlife Conservation (AIWC), Tamil Nadu (22 Sept 2022) Hybrid Mode Attendees 70*
11. *Invited lecture: "Bats, the glorified mammals" at Pala St. Thomas College, Kottayam (26 Nov 2021) Attendees 50*
12. *Webinar: "Role of students in biodiversity conservation" organized by Kollam Social Forestry Div. and Christian College, Chengannur on the International Biodiversity Day (22 May 2021) Online mode Attendees 55*
13. *Webinar: "Forest restoration: a path to recovery and well-being" organized by Kasaragod Forest Div. on the International Day of Forest (21 March 2021) Online mode Attendees 65*
14. *Webinar: "Forest and Livelihood: sustainable people and planet" organized by Kollam Social Forestry Div. and TKM Arts College, Kollam on the World Wildlife Day (03 March 2021) Online mode Attendees 45*
15. *Trainer: "Bat taxonomy and acoustic studies" (Institute for Biodiversity Conservation and Training, Bangalore 2020)*
16. *Trainer: "Species Distribution Modeling using Maxent" at KAU (2020)*
17. *Webinar: "Mammals of Kerala" organized by Young Naturalist of Kerala (2020)*
18. *Trainer: "Software Quantum GIS (QGIS)" organized by KAU (2016)*
19. *Radio talk: "Human-Snake Conflicts and its mitigation"; "Ecological and economic importance of Bats"; "Teak and its silvicultural practices" during the Haritha Kerala All India Radio programme (2016)*
20. *Organized and conducted awareness programmes on biodiversity conservation for educational institutions at various levels school/college students across Kerala (2012-2020)*

Paper/Poster Presentations

1. Jeevan, K., Raman, S., Manjusha K., Anbazhaghi, S., Muthuchamy, M. 2024. *Factors determining the current distribution of Sacred Groves of Kerala, and need for conservation* at 36th Kerala Science Congress (9-11 Feb 2024), Kasaragod, India
2. Chelluadurai, M., Raman, S and Shameer, TT. 2024. *Impact of climate change on the bats (Mammalia: Chiroptera) of the Western Ghats, India* at 36th Kerala Science Congress (9-11 Feb 2024), Kasaragod, India
3. Sreehari Raman, Shameer T.T., & Ushakumari P. 2022. *Consequences of climate change on the endangered bats of Western Ghats*. International Conference on Natural Science and Green Technologies for Sustainable Development, Goa University, India.
4. Ramesh, B., Sreehari Raman, Mallik, A., & Kumar, K. 2017. *Small carnivore's diversity, distribution status and habitat preferences at Periyar Tiger Reserve, southern Western Ghats*. National Biodiversity Congress, Ponducherry, Tamil Nadu, India.
5. Sanjayan Kumar, S.M. Vairavel & Sreehari Raman. 2015. *Sustainable bio-resources through people participation and benefit sharing. A case study from Periyar Tiger Reserve, Kerala, India*. IInd National Biodiversity Congress, Trivandrum, Kerala, India.
6. Sreehari Raman & P.O. Nameer. 2013. *Time activity pattern of civets in southern Western Ghats, India*. Students Conference on Conservation Science, University of Cambridge, United Kingdom.

7. Sreehari Raman & P.O. Nameer. 2013. *Status distribution of small carnivores in Parambikulam Tiger Reserve, southern Western Ghats, Kerala*. Kerala Science Congress, Techno Park, Trivandrum, Kerala
8. Sreehari Raman & P.O. Nameer. 2011. *Mammalian survey using camera traps in Parambikulam Tiger Reserve, Kerala*. International Students Conference on Conservation Science, Indian Institute of Science, Bangalore.

Short-term Courses/Training Attended

1. One week training course on Next Generation Sequencing (National Center for Biological Science, Bangalore 21-26 Aug 2023)
2. Two weeks internship on Bat Taxonomy under Dr. Pipat Soisook at Prince of Songkla University, Thailand (03-13 April 2023)
3. Advanced Research Methodology-Online (Ramanujan College, New Delhi 22 Jan-05 Feb 2022)
4. Advanced Training on Moodle LMS (KAU, 21-25 March 2022)
5. Species Distribution Modelling (online course –IBCT, Bangalore 2020)
6. Niche modelling (LaCONES, Hyderabad 2018)
7. Advanced Field course in Ecology and Conservation, AFEC-16, Yunnan, China (2016)
8. Introduction to R using R-Studio and Biodiversity R with R Commander at Tamil Nadu (2016)
9. Remote Sensing and GIS in Kerala (2011, 2015, 2016) & in UK (2013)
10. Bat Acoustics at Kalakkadu Mundanthurai Tiger Reserve, TN (2012) and Harrison Institute, UK (2013)
11. School in Herpetology at Madras Crocodile Bank Trust, Tamil Nadu (2014)
12. Small Mammal Field Training Techniques at KAU (2011)

Workshop, Conference and Seminar Attended

1. Three day “Bird Festival of Goa” organized by the Gov. of Goa (27-29 Jan 2024)
2. One day workshop on “Revisiting Habitat Management Strategies in the context of Human-Wildlife Conflicts” at Kerala Forest Research Institute, India (06 Oct 2023)
3. ICAR-IASRI workshop on blended learning platform at KAU headquarters, Thrissur, India (19 Sept 2023)
4. International Conference on Natural Science and Green Technologies for Sustainable Development at Goa University, India (30 Nov to 02 Dec 2022)
5. Mentoring workshop-How to write winning research proposal on 17 and 18 March 2022 (KAU, 17 & 18 March 2022)
6. Workshop on Rodent Pest Control (Kerala, 2016)
7. Workshop on Conservation and Management of Western Ghats Natural Heritage Site (Kerala, 2015)
8. International Conference on Wildlife with special emphasis on Human-Animal conflict (Kerala, 2012)
9. Conservation Assessment and Management Plan on reptiles of Western Ghats (Tamil Nadu, 2011)
10. National seminar on Biodiversity conservation (Kerala, 2010)

Professional Qualifications

1. Member of Chiroptera Conservation and Information Network of South Asia (CCINSA)
2. Rodents, Insectivora and Scandentia Conservation and Information Network of South Asia (RISCINSA)
3. Supporting Member of Merlin Tuttle’s Bat Conservation (MTBC)

Academic Credentials

Research Gate https://www.researchgate.net/profile/Sreehari_Raman2

Google Scholar <https://scholar.google.co.in/citations?hl=en&user=iZ5WWrEAAAAJ>

Website <https://forestry.kau.in/people/sreehari-r>

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