



NISANTH, H.P.

DST- INSPIRE fellow

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Areas of Interest

- Ornithology
- Mammalogy
- Biodiversity
- Ecology and Systematics

Technical Skills and Attributes

- FT-IR Spectroscopy
- CHNS Analysis
- TG/DSC/DTA Analysis
- Basics of statistical tools PAST, SPSS and R
- Basics of Microscopy
- Photography and post-processing techniques

Responsibilities Undertaken

- Volunteer Secretary, National Service Scheme in the period of 2011-2012.
- Secretary, Zooforte (Nature Club), Department of Zoology, University of Kerala in 2014-2015.

Languages Known

- English, Malayalam

Resident Address

- Nisanth H.P.
Neeratha,
Kallumala PO
Mavelikara, Alappuzha
Kerala. INDIA 690110

Profile Summary

- DST- INSPIRE fellow with an excellent academic track record, genuinely interested in ecology and ethology of marine life, especially mammals and birds. Currently pursuing research on 'Diversity and distribution of marine birds in the southwest region of INDIA'. Over the past seven years, I have been participating in marine and wetland biodiversity monitoring programmes including pelagic surveys.

Current Position

- Full-time **research scholar** at the Department of Aquatic Biology and Fisheries, University of Kerala. Thiruvananthapuram, INDIA.
- **Co-investigator** in the project funded by The Society of Marine Mammalogy.
- **Consultant** with Dakshin Foundation in the Marine Mammal Project.

Educational Qualifications

- Qualified **CSIR-UGC NET** for Life Science in 2016.
- **M. Sc. Zoology (Pure and Applied)** from the Department of Zoology, University of Kerala in the year 2015.
- **B. Sc. Zoology** from Bishop Moore College, University of Kerala in the year 2013.

Certification

- Completed a One-year Online Hybrid **Course on Basic Ornithology** by the Bombay Natural History Society (BNHS) in 2018-2019.

Experience

- **Project Assistant** at the Department of Aquatic Biology and Fisheries, University of Kerala, Titled '*Food Fish Diversity and Related Traditional Knowledge Documentation of Kerala Coast*' from March 2017 to September 2017.

Academic Project Undertaken

- **Master degree project: 'Avifauna of Kariavattom Campus, University of Kerala'**, - Post-Graduation Degree program, University of Kerala.

Awards

- **Emily B. Shane (EBS)** award by The Society of Marine Mammalogy in 2022.
- **University Merit Award** and **Gold medal** for securing 1st Rank in the Master of Science (M.Sc.) programme in Zoology in 2015, awarded by the University of Kerala INDIA in 2020.

Research Papers

- **Nisanth, H.P.** and Biju Kumar, A **2019. Observations on the entanglement of plastic debris in seabirds of the family Laridae along Kerala coast, India**, Journal of Aquatic Biology and Fisheries (7) 115-119.
- Biju Kumar, A., **Nisanth, H.P.**, Vishnuraj, R.S. and Dipani Sutaria, **2021. Records on Stranding Events of Cetaceans and Illegal Trade of Dolphins in South Kerala, India**, Journal of Aquatic Biology and Fisheries, (9) 1-11.
- **Nisanth, HP** and Biju Kumar, A. **2023. The Diversity and Distribution of the Order Charadriiformes along the Kerala Coast and selected Islands of Lakshadweep, India**, Records of Zoological Survey of India, (123) 755 – 766.
- Suvarna S Devi, Mosab Ali Alzahaby, Vishnuraj R.S., **Nisanth H.P.**, Shabina A., Biju Kumar A., **2023. Integrative Taxonomy of Tetraodontiform Fishes (Tetraodontiformes: Percomorpha) from Southwest Coast of India**. Records of Zoological Survey of India, (123)445-455.

Book

- Nisanth H.P., Vishnu H., Chinnu V. and Biju Kumar A. (2024). **Communicating Biological Research Through Photos- A Photography Manual**. Department of Aquatic Biology and Fisheries, University of Kerala. 84pp

Presentation in Seminars/ Conferences

- **Poster** - **Nisanth, H.P.** and Biju Kumar, A., (2024) – ‘**Opportunistic Foraging Behaviour of Lesser black-backed Gulls Larus fuscus from Ponnani, Kerala- A supporting evidence for ‘Junk Food Hypothesis’** on MARICON 2024 by CUSAT.
- **Oral** – **Nisanth, H.P.** and Biju Kumar, A., (2023) – ‘**Avian Diversity and Distribution of Charadriiformes in the Lakshadweep Archipelago, India: A comparative study across inhabited and uninhabited islands’** – on international conference on Eco-Restoration for Natural Resources Management (ICER-NaRm-2023), by S.T. Hindu College.
- **Poster presentation** – **The Diversity and Distribution of the Order Charadriiformes along the Kerala Coast and selected Islands of**

Lakshadweep, India in the Animal Taxonomy Summit 2023 (ATS 2023) organised by the Zoological Survey of India in 2023.

- **Invited talk** – ‘**Birding for Biodiversity Conservation**’ as part of a two-day seminar on Conservation of Biodiversity for Sustainable Development of Environment- Bishop Moore College, Mavelikara 2023.
- **Oral presentation** - **Discards from Trawlers and Foraging Behaviour of Sea Birds: A Case Study from Kerala Coast, India**’ in the international webinar on CONSERVATION OF LIFE BELOW WATER: Perspectives on Systematics, Sustainable Livelihoods and Citizen Science” (COLIBA-2021). Organised by Aquatic Biology and Fisheries, University of Kerala in **2021**
- **Invited Talk**- ‘**Introduction to the world of Seabirds**’ as a part of DBT-STAR programme - CMS College, Kottayam, Kerala in **2021**.
- **Invited Talk** - ‘**Wetlands and Waterbirds**’ as part of World Wetland Day Celebration at Kerala Verma College, Thrissur, Organised by KSCSTE in **2019**.
- **Presentation** - ‘**Seabirds of Kerala Coast**’ in the two-day workshop on **Coastal and Marine Biodiversity Documentation**, -by Dept. of Aquatic Biology and Fisheries and KSCSTE in **2017**
- **Presentation** - ‘**Seabirds of Lakshadweep Archipelago: Status and Conservation Paradigms**’ in the National workshop on **Coral Reef Ecosystem of the West Coast of India: Current status and Way Forward**, - by Zoological Survey of India and Ministry of Environment, Forest and Climate Change, Govt. of India held at Jamnagar, Gujarat in **2017**.
- **Presentation**- ‘**Dolphin Assisted Fisheries in Ashtamudi Estuary: a case of Kleptoparasitism**’ in the **Marine Mammal Research in India Symposium 2017** jointly organised by NOAA Fisheries, CMLRE, University of Washington, Woods Hole Oceanographic Institution and NCBS held at Bengaluru, Karnataka India in **2017**.

Participation in Workshops/Internships

- Attended a two-month certificate course in ‘**R Programming for Biologists**’ organised by the Kerala State Biodiversity Board in **2023**.
- Attended a one-week National **Digital Workshop on Biostatistics**, organized by the Department of Biotechnology, CEPCI Laboratory & Research Institute Kollam in August **2021**.
- Completed One-month Internship training programme on the Instruments **CHNS Analyzer, FT-IR Spectrometer** and **Simultaneous Thermal Analyzer**. Organized by the Central Laboratory for Instrumentation and Facilitation (CLIF), University of Kerala in June **2019**.
- Attended a one-week National Workshop on **Statistical Methods for Data Analytics Using R**, organised by the Dept. Statistics, University of Kerala, **2017**.

- Attended a three-day National workshop on **Coral Reef Ecosystem of the West Coast of India: Current status and Way Forward**, organised by the Zoological Survey of India and Ministry of Environment, Forest and Climate Change, Govt. of India held at Jamnagar, Gujarat in **2017**.
- Attended a one-week National workshop on **'Principles and Applications of Wide Field and Confocal Microscopy/Image Analysis and Live Cell Imaging'** organised by Global Initiative of Academic Networks (GIAN) under the Ministry of HRD and University of Kerala, in **2017**.
- Participated in capacity building workshop on **'Animal Taxonomy'** organised by the Dept. of Aquatic Biology and Fisheries, University of Kerala, in **2017**.
- Participated in a two-day workshop on **Coastal and Marine Biodiversity Documentation**, organised by Dept. of Aquatic Biology and Fisheries and KSCSTE in **2017**.
- Attended a two-day workshop on **'Research Methodology'**, organized by IQAC and Research Student's Union, in **2016**.
- Attended a three-day workshop on **'Data Handling and Analysis Using SPSS'** organised by IQAC and the Research Student's Union, in 2016.

Participation in Surveys/Camps

- Participated in a **4-day Bird and Butterfly survey** organised by Kerala Forest & Wildlife Department, KNHS and TNHS 2016.
- Participated in **Vembanad Bird Count** (part of AWC) organised by Kerala Forest & Wildlife Department and Kottayam Nature Society. 2012, 2013,2015,2016,2017,2018 & 2019
- Participated in **Upper Kuttanad Wetland Birds and Shore Bird Count** (part of AWC), Organised by Kerala Forest & Wildlife Department and Kottayam Nature Society. 2014, 2015,2016, 2017,2018, 2019,2020 & 2022.
- **'Vembanad Fish Count 2017'** organised by Ashoka Trust for Research in Ecology and the Environment (ATREE) on May 26-27, 2017.
- Attended a **3-day Nature camp** at Vallakadavu. Organised by Forest and Wildlife Department, Govt. of Kerala. 2015.
- Attended 21-day **ASAP (Additional Skill Acquisition Programme)** organised by Govt. of Kerala. 2013

31.05.2024

Thiruvananthapuram

