



## Glavin Thomas Rodrigues

### Assistant Professor Stage I

Department of Zoology

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### EDUCATIONAL QUALIFICATIONS:

- **M.Sc. in Zoology** (2020) - Mangalore University, Mangalagangothri-574199, Karnataka, India.
- **CSIR-UGC NET** in Life Sciences (2021).
- **KSET** in Life Sciences (2021).

### PROFESSIONAL EXPERIENCE:

- **Assistant Professor in Zoology** at St Aloysius (Deemed to be University), Mangaluru (2020 – Present).
- **Chief Co-ordinator - Centre for Environmental Concern** at St Aloysius (Deemed to be University), Mangaluru (2021 – Present).

### RESPONSIBILITIES AT ST ALOYSIUS (DEEMED TO BE UNIVERSITY):

- **Association President – Nature Club** (2024 – Present).
- **Staff In-charge – Fisheries and Hydrobiology Unit** at the Department of Zoology, School of Life Sciences (2022 – Present).
- **Sahaaya Co-ordinator CEC** (2022-2023)
- **Staff In-charge – Eco Warriors Student Volunteer group** (2021 – Present).
- **Association President – World Youth Parliament** (2020-2021).

**AREA OF RESEARCH:** Molecular taxonomy and population genetics of freshwater fish native to India's Western Ghats, including threat assessment, captive breeding technology, and the conservation of freshwater ecosystems.

**Research Projects:** Major Research Project (2023-2026) on the title **“Assessing the Genetic Diversity and Distribution of Mahseers in Dakshina Kannada and Udupi District of Karnataka”** by Mangalore Jesuit Educational Society, Mangaluru-575003, Karnataka, India. (Rs 4.6 lakhs)

#### **PAPERS PRESENTED IN SEMINARS/CONFERENCES:**

- Heri A. N., Lewis P., Cardoza P. M. and **Rodrigues G. T.** (2025). Behavioural analysis of Indian Wild dogs, Golden Jackals and Striped Hyenas in Captivity. Presented at the National Workshop on Recent Trends in Biological Sciences (NWRTBS 2025) held from 21<sup>st</sup> to 22<sup>nd</sup> March 2025 organized by the Dept. of Applied Zoology, Mangalore University.
- Saldana P., and **Rodrigues G. T.** (2023). A Comparative Study on the Impact of Natural Carotenoids as Feed Supplements in Ornamental Fish Pigmentation. Presented at the National Conference on Recent Trends in Biological Sciences (NCRTBS 2023) held from 8th to 10th November 2023 organized by the Dept. of Applied Zoology, Mangalore University.
- Pinto M., Kumar S., Goutham, Monteiro C., and **Rodrigues G. T.** (2023). Invasion Under Water: A Threat to Native Freshwater Fish Species of Dakshina Kannada. Presented at the Idea Conclave for Better Mangaluru 2nd edition organized by Environmental Management and Policy Research Institute, Bengaluru at St Aloysius College (Autonomous), Mangaluru on 3rd May 2023 and **won the best paper award.**
- Roch P., Pai P., and **Rodrigues G. T.** (2023). Flying over thin ice: The Vulnerability of Avian Fauna in Coastal Habitats to Rapid Climate Change. Presented at the Idea Conclave for Better Mangaluru 2nd edition organized by Environmental Management and Policy Research Institute, Bengaluru at St Aloysius College (Autonomous), Mangaluru on 3rd May 2023.
- Rodrigues G.T., Rao S. and Shenoy K.B. (2019). Moth diversity to study distribution in a fragmented habitat. Presented at the National conference cum exhibition on Bioprospecting India-2019” . March 7-8,2019. Tamil Nadu, India.
- Rodrigues G.T. and D’lima A. D. (2016). Ichthyofaunal study and Human impact on freshwater Fishes in small stream of Padil, Mangaluru. Presented at the Lake 2016: International conference on “Conservation and Sustainable Management of Ecologically Sensitive Regions in Western Ghats”. December 28-31, 2016. Karnataka, India.

## **FACULTY DEVELOPMENT/TRAINING PROGRAMS ATTENDED:**

- **"Application of AI in Higher Education"** one day workshop organized by Conference of Catholic Colleges of Karnataka (CCCK) at CHRIST (Deemed to be University), Bangalore on February 07, 2025.
- **"Manuscript 2024"** 2 days' workshop on Scientific paper writing organized by the Institute of Tropical Research, Ecology and Conservation (INTREC) in association with the Department of Aquatic Biology and Fisheries, University of Kerala, Kariavattom Campus, Thiruvananthapuram and the Travancore Natural History Society (TNHS), Thiruvananthapuram on 25<sup>th</sup> and 26<sup>th</sup> May 2024.
- **"Leadership Skills for Teachers"** 3 days Faculty development program organized by St Aloysius (Deemed to be University) in collaboration with ICT Academy from 19<sup>th</sup> to 21<sup>st</sup> February 2024.
- Workshop on **"Advances in fish systematics: Morphological and Molecular approaches"** organized by the Zoological Survey of India (ZSI), Ministry of Environment, Forest and Climate Change, Govt. of India in association with ICAR-National Bureau of Fish Genetic Resources, Lucknow, at Hyderabad on 18<sup>th</sup> and 19<sup>th</sup> January 2024.
- **"Research Methodology using ChatGPT and AI Tools in Research"** 8 days National level online Faculty Development Program organized by the PG Department of Computer Applications, IQAC and Lincoln University College Marian Research Centre of Marian College Kuttikanam (Autonomous), in association with The Kerala State Higher Education Council (KSHEC) from November 23<sup>rd</sup> to December 01<sup>st</sup>, 2023.
- **"AI Enabled Technology, Machine Learning and Generative AI"** 2 days Faculty Development Program organized by Loyola Institute of Business Administration, Chennai-600034, Tamil Nadu, India from 6<sup>th</sup> to 8<sup>th</sup> July 2023.
- **"Advancing discovery through cutting-edge molecular and genomic technologies in livestock and veterinary research"** 16 days Faculty Training Program under DBT-Skill Vigyan Program Organized by ICAR-National Institute of Animal Nutrition and Physiology, Bengaluru- 560030, Karnataka, India from February 21<sup>st</sup> to 28<sup>th</sup>, 2022 (online) and March 15<sup>th</sup> to 22<sup>nd</sup>, 2022 (offline).
- **Certificate in Teaching Excellence.** 30 Hours Faculty Development Program organized by the Human Resources Department of St Aloysius College (Autonomous), Mangaluru-575003, Karnataka, India.

- **“Reconfiguring the Mind: Post-Covid Consciousness”** 5 days Faculty Development Program organized by IQAC, Jyoti Nivas College (Autonomous), Bengaluru-560095, Karnataka, India, from 23<sup>rd</sup> to 27<sup>th</sup> June 2020.

## **GUEST LECTURES/ TALKS DELIVERED**

- **“Colorful Creations: the art and science of ornamental fish breeding”** organized by the department of Zoology, St Agnes College (Autonomous), Mangaluru on 30th January 2025.
- **“Rivers of Life: Unveiling the fish diversity of the western ghats of India”** organized by the Post graduate dept. of Zoology, School of life sciences, St Joseph’s University, Bangalore on 20<sup>th</sup> December 2024.
- **“From Research to Revenue: Entrepreneurship in the world of Life Sciences”** organized by the PG department of Microbiology, Yenepoya Deemed to be University, Mangaluru on 6<sup>th</sup> November 2024.
- Resource person for the topic **“Self-Awareness”** for Pragathi – 2024, Skill development programme organized by St Aloysius (Deemed to be University), Mangaluru on 25<sup>th</sup> and 26<sup>th</sup> July 2024.
- **“Environmental Consciousness: From Awareness to Action”** organized by the department of Social Work, St Aloysius (Deemed to be University), Mangaluru on 16<sup>th</sup> July 2024.
- **“Empowering change: Practical strategies for a sustainable tomorrow”** organized by the department of Journalism, St Aloysius (Deemed to be University), Mangaluru on 15<sup>th</sup> April 2024.
- **“Turning the tide: Combating Human Impacts on Nature for a sustainable future”** organized by the Rotaract Club of Mangalore city on 9<sup>th</sup> April 2024.
- **“Environmental Protection with a special focus on addressing Plastic Pollution”** organized by NCC Wings of St Aloysius College (Autonomous), Mangaluru as a part of the G20 Summit on September 9<sup>th</sup>, 2023.
- **“Ichthyofaunal Diversity and Aquaponics”** Subject Expert-CFAL Makers Fete 2022. Organized by CFAL, Mangaluru, Karnataka, India on 17<sup>th</sup> December 2022.
- **“Life Below Water”** organized by NCC 6-Kar Air Squadron as a part of NCC Camp held at St Joseph’s Engineering College, Mangaluru, Karnataka, India on 4<sup>th</sup> August 2022.

- **“Wildlife Forensics: Voice for the voiceless”**. Organized by Forensics Department, Yenepoya Deemed to be University, Mangaluru, Karnataka, India on 19th July 2022.
- Invited as a field guide and a resource person for the **Nature Camp 2022** organized by CFAL, Mangaluru from 31<sup>st</sup> April to 2<sup>nd</sup> May 2022 at Kodachadri, Kollur Village, Karnataka, India.
- **“Ichthyofaunal Diversity of the Western Ghats of India”** organized by the Department of Zoology, Alvas College, Moodubidire, Karnataka, India on 30<sup>th</sup> December 2021.
- Invited as a field guide and a resource person for the **Nature Camp 2021** organized by CFAL, Mangaluru on 14<sup>th</sup> and 21<sup>st</sup> March 2021 at Seethanadi Nature Camp, Agumbe, Karnataka, India.