

## Dr. Shamprasad Varija Raghu

Associate Professor  
Ramalingaswami Fellow (DBT)/Ramanujan Fellow (DST)  
Yenepoya Research Centre (YRC)  
Yenepoya (Deemed to be University)  
Mangalore

Email: [shamprasadvarijaraghu@googlemail.com](mailto:shamprasadvarijaraghu@googlemail.com)  
[shamprasadvr@yenepoya.edu.in](mailto:shamprasadvr@yenepoya.edu.in)  
Phone: 00917899496251

---

- 1993-96     **BSc** – Canara College, Mangalore
- 1996-98     **MSc** – Dept of Applied Zoology, Mangalore University
- 1999-2003   **PhD** – Dept of Applied Zoology, Mangalore University under the guidance of Professor Rajashekhar K Patil, Dept of Applied Zoology
- 2002         **DAAD German Fellow** – University of Freiburg, Germany, a sandwich program during PhD tenure to work with Professor Karl Fischbach.
- 2003-2007   **Postdoctoral Fellow** – Max Planck Institute of Neurobiology, Germany to work with Professor Alexander Borst, Director, Max Planck Institute of Neurobiology.
- 2008-2011   **Research Scientist** - Max Planck Institute of Neurobiology, Germany to work with Professor Alexander Borst, Director, Max Planck Institute of Neurobiology.
- 2010         One of the biggest findings in the Insect vision field and publication in **Nature** Journal with **Impact Factor 70**
- 2011-2013   Research Scientist at Neuroscience Research Partnership (NRP), Singapore
- 2013-2015   Research Scientist at Duke NUS Graduate Medical School, Singapore.  
During my stay in Singapore, I designed a new technology called the **ZAL-UAS system** for gene manipulations in Animal Models and currently, the method is used by scientists worldwide.
- 2015         Awarded Prestigious **Ramalingaswami Fellowship** by Dept of Biotechnology (DBT), Govt of India and **Ramanujan Fellowship** from Dept of Science and Technology (DST), Govt of India while working in Duke-NUS Graduate Medical School, Singapore. These two programs were initiated to promote the re-entry of Indian-origin scientists from foreign countries and promote scientific temperament in young generations.
- 2015         Moved to Dept of Applied Zoology, Mangalore University under **DBT-Ramalingaswami Fellowship**, Govt of India.
- 2016         Established **first Drosophila Neurogenetics lab** in Dept of Applied Zoology, Mangalore University. The lab is well equipped for molecular biology, neurobiology, Animal behaviour and Radiation biology work.
- 2016         Awarded **visiting fellowship** to work under **Professor Claude Desplan**, New York University at New York University-Abu Dhabi campus, Abu-Dhabi.
- 2016         Selected for prestigious **Young Investigator Meeting (YIM)** organised by IndiaBiociences.
- 2017         Neurogenetics lab is recognised by the **Indian Academy of Sciences (IAS)** for training faculties and students under the **Indian Academy of Sciences –Summer Research Fellowship (IAS-SRF)**. The lab has trained many IAS-summer research fellows.
- 2020         Invited by the Indian Academy of Sciences (IAS) to write e-protocols for the eBook – **Drosophila for Biological Research**. The protocols are currently used as a regular curriculum by many colleges, universities and institutes all over India.
- 2022         On Foundation Day Celebration -2022, Mangalore University felicitated Dr. Shamprasad Varija Raghu for his contribution to teaching and research fields.

Dr. Shamprasad Varija Raghu published nearly **70 publications** in internationally reputed journals with a **total impact factor of about 250**. He also published **12 book chapters** at both international and national levels. He was also a resource person for several refresher courses/workshops/seminars at national and international levels. The Neurogenetics lab currently has two international collaborations and several national-level collaborations with extramural funding from BRNS, ICMR and DBT. Dr. Shamprasad Varija

Raghu also serves as an invited reviewer for many prestigious journals in the field of neurobiology, radiation biology and physiology.

Dr. Shamprasad Varija Raghu moved to Yenepoya Research Centre (YRC), Yenepoya (Deemed to be University) in February 2023. He is a recognised PhD Guide in both Mangalore University and Yenepoya (Deemed to be University). The Neurogenetics lab developed by Dr. Shamprasad Varija Raghu at Mangalore University is now declared as a **central facility** so that students/teachers from other colleges, Universities and Institutes can use it for their research activities.