



Department of Zoology
Faculty of Science / University of Peradeniya



Prof. Inoka Karunaratne

B.Sc., Ph.D. (Perad.)

Senior Professor

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Higher Education Qualifications



PhD

University of Peradeniya - Sri Lanka
(2004)



BSc

University of Peradeniya - Sri Lanka
(1998)

Awards, Scholarships, Memberships & Fellowships



Fellow of the Royal Entomological Society



Fulbright Visiting Scholar Award 2014-2015 – United States - Sri Lanka Fulbright Commission



NSF (National Science Foundation) Merit Awards for Scientific Excellence 2006 in the field of Environment and Biodiversity for the project on 'Taxonomy and Ecology of Bees of Sri Lanka'



Prof. Felix Prasantha Amerasinghe Postgraduate Research Award for the best research contribution in the field of Zoological Sciences (2000-2005), awarded by the Postgraduate Institute of Science, University of Peradeniya.







Postgraduate Research Publication/Presentation for the best research presentation at the 59th Annual Session of SLAAS, awarded by the Sri Lanka Association for the Advancement of Science. (Award for 2002/2003).

Positions Held

-  Chairperson of the Strategic Planning and Management Committee, Faculty of Science- (February 2025 - to date)
-  Head of the Department of Zoology- (February 2021 - to February 2024)
-  Chairperson of the Student Advisory and Welfare Committee, Faculty of Science, University of Peradeniya- (from October 2020 – April 2021)
-  Head of the Department of Zoology, Faculty of Science, University of Peradeniya- (17th February, 2021 to date)
-  Chairperson of the Board of Study in Zoological Science, Postgraduate Institute of Science, University of Peradeniya- (March 2021 to date)
-  Representative of the Board of Management of Postgraduate Institute of Science, University of Peradeniya- (March 2021 to date)
-  Managing Editor of the Ceylon Journal of Science, University of Peradeniya- (March 2019 to December 2020)
-  Assistant Managing Editor of the Ceylon Journal of Science, University of Peradeniya – since April 2018- (April 2018 - February 2019)
-  Member of the National Bioethics Committee (NBC) of the National Science Foundation - (2006 -2008)
-  Central Province – University of Peradeniya Center Coordinator of the National Biology Olympiad Examination conducted by the Institute of Biology - (2011 – 2014)
-  Member of the Pollinator Conservation Advisory Group formed by the Ministry of Environment - (March 2012 to date)
-  Member of English Language Teaching Unit (ELTU) committee - (Since June 2013)
-  Member of the Arts Council- (September 2015 to date)
-  Member of the curriculum revision committee, Faculty of Science – February, 2017- (February, 2017)





My Teachings

-  BL100: Basic Life Sciences
-  ZL215: Zoogeography and Sri Lankan Fauna
-  ZL421: Scientific Writing and Presentation
-  ZL425: Entomology

Research Interests (Research Fields/ Projects)

Bees –taxonomy, ecology and bee pollination of vegetable crops in Sri Lanka.
Ants – taxonomy and distribution of litter ants and their diversity and species composition in habitats under different disturbance regimes.
Fig insects – the effect of forest fragmentation on the mutualistic relationship between figs and their specific pollinator fig wasps.
Insects of Forensic Importance – flies causing human and animal myiasis and their development.

Ongoing Research and Projects

-  **Insect pollinators and their role in pollinating watermelon in the Dry Zone of Sri Lanka**
Current research initiated through funds from the PGIS 2025 Grant scheme
-  **Life history studies of dipterans important in forensic investigations**
-  **Stingless bees of Sri Lanka: species distribution, floral hosts and threats**
-  **Contribution of pollen bees for crop pollination, their conservation and management in agricultural habitats**

Key Publications



Nothing to show under this subheading !!!

Conferences



Nothing to show under this subheading !!!

My Publications

Please goto the website.

<https://sci.pdn.ac.lk/zoology/staff/Inoka-Karunaratne>