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)

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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 Lank
- 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).

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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 Sience, 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)

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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**

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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

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