Department of Botany

Faculty of Science / University of Peradeniya



Dr. N. Suranjith Gama-Arachchige

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

Senior Lecturer

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Higher Education Qualifications

PhD

University of Kentucky - USA
(2013)

BSc

University of Peradeniya - Sri Lanka
(2007)

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Awards, Scholarships, Memberships & Fellowships

- Commendation of merit for the poster presentation at the Seed Ecology IV, International research conference (06/2013), Shenyang, China.
- Commendation of merit for the oral presentation at the Seed Ecology IV, International research conference (06/2013), Shenyang, China.
- Member of the International Society for Seed Science (ISSS)
- Member of the American Association for the Advancement of Science (AAAS)/ 2013 -2015

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Positions Held

- Senior Lecturer/Department of Botany, University of Peradeniya- (2016- present)
- Lecturer (probationary)/Department of Botany, University of Peradeniya- (2013- 2016)
- Teaching Assistant/University of Kentucky, Lexington, KY, USA- (2009 - 2013)
- Director - Center for Environmental Studies/ University of Peradeniya- (2024 - present)
- Deputy Director (Research and Environmental Management) Center for Environmental Studies/ University of Peradeniya- (2021-2024)
- Chairman/Ethical Clearance Committee, Postgraduate Institute of Science, University of Peradeniya- (2019-Present)
- Editor-in-Chief/ CES BIOME, University of Peradeniya- (2022 - Present)
- Secretary/Board of Study in Environmental Sciences, Postgraduate Institute of Science, University of Peradeniya- (2017-Present)
- Secretary/Ethical Clearance Committee, Postgraduate Institute of Science, University of Peradeniya- (2014-2019)
- Co-coordinator/ MSc in Environmental Sciences, Postgraduate Institute of Science, University of Perdeniya- (2017-present)
- Deputy-Proctor/Faculty of Science, University of Peradeniya- (2019-2020)
- Curator (Acting)/University of Peradeniya- (2021-Present)
- Chairman/Vigilant Committee, Faculty of Science, University of Peradeniya- (2019-2020)
- Warden- Senaka Bibile Hall- (2022-Present)
- Warden- Hindagala and AQ 40- (2021-2022)
- Senior Treasurer/Young Researchers Forum/Postgrauate Institute of Science- (2018-2021)
- Member/LACO (Landscape Advisory Committee), University of Peradeniya- (2022 - Present)

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My Teachings

- BL100: Basic Life Sciences
- BL101: Basic Biology
- BT203: Vegetation Dynamics & Measurements
- BT309: Biodiversity Conservation & Management
- BT313: Independent Study
- BT416: Seed Biology and Technology
- BT421: Industrial Training
- FS202: Food Science I
- FS302: Food Science II

Research Interests (Research Fields/ Projects)

Seed Biology
Food Science

Ongoing Research and Projects

- **Seed vigor testing of traditional and developed rice varieties of Sri Lanka**
- **Development of a low cost seed vigor testing procedure for crop seeds of Sri Lanka to test seed germination and seedling vigor**
- **Effect of seed treatments on germination and vigor of Sri Lankan paddy seeds**
- **Seed biology of endemic palms of Sri Lanka**
- **Thermal requirement for dormancy break in seeds with physical dormancy**
- **Role of smoke water and KAR1 on native and introduced species from fire prone habitats**
- **Phytochemical properties and consumer acceptance of microgreens**

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Key Publications

Journal of Stored Products Research - (2021)

Low seed moisture and polythene packaging improve storability of seed paddy

Crop and Pasture Science - (2021)

Accelerated aging test of seed vigour for predicting field emergence of wet direct-seeded rice

Conferences

Nothing to show under this subheading !!!

My Publications

Please goto the website.

https://sci.pdn.ac.lk/botany/staff/Suranjith-Gama-Arachchige

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