



**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)

## 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

## 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)
-  Deputy Director (Research and Environmental Management) Center for Environmental Studies/ University of Peradeniya- (2021-present)
-  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 Peradeniya- (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/Postgraduate Institute of Science- (2018-2021)
-  Member/LACO (Landscape Advisory Committee), University of Peradeniya- (2022 - Present)

## 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**

## 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>