



Department of Botany
Faculty of Science / University of Peradeniya



Dr. B. S. Nanayakkara

B.Sc., M.Sc. (Perad.), Ph.D. (ANU, Australia)

Senior Lecturer

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About Me

I am a teacher in Microbiology and Botany, and a researcher in Water, Pharmaceutical and soil Microbiology.

Higher Education Qualifications

🎓 **PhD**

Australian National University
Australia
(2019)

🎓 **MSc**

University of Peradeniya
Sri Lanka
(2014)

🎓 **BSc**

University of Peradeniya
Sri Lanka
(2012)

Awards, Scholarships, Memberships & Fellowships



The Australian National University International Student PhD Scholarship (2015)



The Australian National University HDR Fee Remission Merit Scholarship (2015)



University award for academic excellence, University of Peradeniya (2010/2011)



Poster Award from the Australian Society for Microbiology (2017)



Australian Society for Microbiology



Sri Lankan Society for Microbiology

Positions Held



Secretary of the Committee for Ethical Clearance, Postgraduate Institute of Science, University of Peradeniya.- (2020 - present)



Treasurer of the University of Peradeniya Science Alumni Association- (2020 - 2021)



Secretary of the Research Congress, Faculty of Science, University of Peradeniya.- (2019)



Co-coordinator of the M.Sc. programme in Pharmaceutical Botany, PGIS- (2021 - present)










Secretary of the Department of Botany- (2019 - present)



Visiting Instructor for Pharmacognosy I (PM 2103),
B.Pharm Degree Programme, Department of Pharmacy, Faculty of Allied Health Sciences, University of Peradeniya, Sri Lanka (2012)




My Teachings

-  BIO1022: Plant and Animal Form and Function
-  BIO1072: Introductory Microbiology
-  BL107: Basic Microbiology
-  BT301: Analytical Methods
-  BT302: Advanced Microbiology
-  BT412: Applied Microbiology
-  BT420: Biological Nitrogen Fixation

Research Interests (Research Fields/ Projects)

Water Microbiology
Pharmaceutical Microbiology
Soil Microbiology
Phytopathology

Ongoing Research and Projects

-  **Recreational water quality of the river Mahaweli in selected locations between Peradeniya and Katugastota**
-  **Antimicrobial activity of plants in Sri Lanka: an overview**
-  **Antimicrobial activity of selected plants of the Family Lamiaceae in Sri Lanka**

Key Publications



Research paper - (2019)

Diversity and distribution of *Klebsiella* capsules in *Escherichia coli*.



Research paper - (2019)

Phenotypic characteristics contributing to the enhanced growth of *Escherichia coli* bloom strains.

Conferences



Nothing to show under this subheading !!!

My Publications

Please goto the website.

<https://sci.pdn.ac.lk/botany/staff/Buddhie-Nanayakkara>