



**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>