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	MSc	BSc
Australian National University Australia (2019)	University of Peradeniya Sri Lanka (2014)	University of Peradeniya Sri Lanka (2012)

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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

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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)

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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**

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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

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