



Department of Mathematics
Faculty of Science / University of Peradeniya



Mrs. D. M. N. K. Dissanayaka

B.Sc. (Perad)

Lecturer (Probationary)

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About Me

Currently, I am working as a Lecturer at the Department of Mathematics, University of Peradeniya. I received my BSc (Hons) special degree in Mathematics from the University of Peradeniya, Sri Lanka. Now, I am reading for an MPhil in Mathematics at the Postgraduate Institute of Science, the University of Peradeniya. My research interests are mainly in Mathematical Modeling in Epidemiology and Differential Equations.

Higher Education Qualifications

🎓 **BSc**

University of Peradeniya
Sri Lanka
(2017)

Awards, Scholarships, Memberships & Fellowships



University Award for Academic Excellence – University of Peradeniya (2017)

Positions Held



Probationary Lecturer- Department of Mathematics, University of Peradeniya- (July 2021 - to date)







Temporary Lecturer- Department of Mathematics, University of Peradeniya- (January 2019 - February 2020)



Temporary Demonstrator- Department of Mathematics, University of Peradeniya- (January 2018 - December 2018)

My Teachings

-  ENS3412: Environmental Modeling
-  MAT2033: Ordinary Differential Equations
-  MAT3032: Partial Differential Equations
-  MAT3143: Network Optimization Theory

Research Interests (Research Fields/ Projects)

- Mathematical Modeling in Epidemiology
- Partial Differential Equations
- Ordinary Differential Equations

Ongoing Research and Projects



Mathematical Modeling of spread of Covid-19 with the Environmental Transmission of Coronavirus and the Optimal Control Measures.

Key Publications



Nothing to show under this subheading !!!

Conferences



Nothing to show under this subheading !!!

My Publications

Please goto the website.

<https://sci.pdn.ac.lk/maths/staff/Nirosha-Dissanayaka>