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

I am currently a Lecturer in the Department of Mathematics at the University of Peradeniya. I obtained my B.Sc. (Hons) Special Degree in Mathematics from the University of Peradeniya, Sri Lanka, and I am presently reading for an M.Phil. in Mathematics at the Postgraduate Institute of Science, University of Peradeniya. My research interests primarily focus on mathematical modeling, mathematical biology and differential equations.

Higher Education Qualifications

BSc

University of Peradeniya
Sri Lanka
(2017)

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Awards, Scholarships, Memberships & Fellowships



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

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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)

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My Teachings

- ENS3412: Environmental Modeling
- MAT2033: Ordinary Differential Equations
- MAT3032: Partial Differentila 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.

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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

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