Department of Mathematics
Faculty of Science / University of Peradeniya



Dr. A. K. Amarasinghe

B.Sc. (Perad.), M.Sc. (Florida, USA), Ph.D. (Florida, USA)

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About Me

I am currently a Senior Lecturer at the Department of Mathematics, University of Peradeniya. I graduated from the University of Peradeniya in 2010 with a Special Degree in Mathematics. Later, I joined the University of Florida, USA, for higher studies in Aug-2011 and completed my PhD in 2017. My research interests are Topology, Geometry and their Applications.

Higher Education Qualifications

PhD	MSc	BSc
University of Florida - USA (2017)	University of Florida (2017)	University of Peradeniya - Sri Lanka (2010)

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Awards, Scholarships, Memberships & Fellowships

- Graduate Student Teaching Award (2016): Department of Mathematics, University of Florida
- Neil White Memorial Award for excellence in Teaching (2017): Department of Mathematics, University of Florida
- Was nominated for University-wide teaching award (2017): University of Florida
- Member: American Mathematical Society

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Positions Held

- Director - Career Guidance Unit of the Faculty of Science- (Apr 2022 - Present)
- Deputy Proctor of the Faculty of Science- (Jan 2020 - Dec 2021)

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My Teachings

: MT201 – Groups, Rings and Fields

MT305: Group Theory

MT306: Topology I

MT403: Topology II

Research Interests (Research Fields/ Projects)

Algebric and Geometric
Topology, Dimension Theory, Infinite Dimensional Topology, Geometric Group Theory

Ongoing Research and Projects

Investigating the acyclicity properties of subsets in the Hilbert cube, this is an active research area in infinite dimensional topology.

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Key Publications

- (2016)

  On Homology of complements of weakly infinite dimensional subsets in Hilbert cube

- (2015)

  On separators of the space of complete non-negatively curved metrics on the plane

Conferences

Nothing to show under this subheading !!!

My Publications

Please goto the website.

https://sci.pdn.ac.lk/maths/staff/Ashwini-Amarasinghe

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