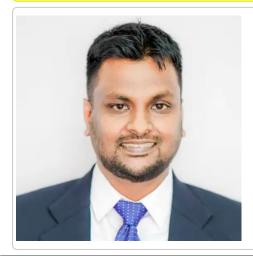


# Department of Mathematics Faculty of Science / University of Peradeniya



# Dr. A. K. Amarasinghe

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

#### **Senior Lecturer**

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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)

## 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

## **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)

#### 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

#### **Ongoing Research and Projects**



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

## **Key Publications**



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