



**Department of Mathematics**  
**Faculty of Science / University of Peradeniya**



**Mr. K.D.E. Dhananjaya**

*B.Sc. (Perad.)*

**Lecturer (Probationary) - On Study Leave**

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## About Me

I completed my B.Sc. (Mathematics Special) degree in the University of Peradeniya, Sri Lanka with a first-class honours in 2015 and worked as a temporary academic staff member of the department from 2016 to 2017. Research interest in Graph theory, Combinatorics.

## Higher Education Qualifications

 **BSc**

University of Peradeniya - Sri Lanka  
(2015)

## Awards, Scholarships, Memberships & Fellowships



University Award for Academic Excellence in 2015.



President of the Mathematical Society Faculty of Science 2012-2013



Member of the "SAHODARA PIYAPATH " Society, Faculty of Science



Member of the Art Circle, Faculty of Science

## Positions Held








Temporary Lecturer, Department of Mathematics, University of Peradeniya, Sri Lanka - (2016-2017)



Temporary Demonstrator, Department of Mathematics, University of Peradeniya, Sri Lanka. - (2015-2016)



## My Teachings

-  MT103: Differential Equations
-  MT121: Mathematics for Arts/Commerce I
-  MT302: Real Analysis III
-  MT303: Convex analysis
-  MT306: Topology I

## Research Interests (Research Fields/ Projects)

Graph theory/ Combinatorics /Real Analysis

## Ongoing Research and Projects

-  **Try to find new formula for trace of a 3X3 matrix**  
under supervision of Prof. A. A. I. Perera
-  **Try to find new generalized method for solving multiple linear systems**  
under supervision of Prof. A. A. I. Perera

## Key Publications



American Journal of Engineering Research (AJER) - (2017)

An Algorithm to Construct Symmetric Latin Squares of Order  $q^n$  for  $q \geq 2$  and  $n \geq 1$ ,

## Conferences



Nothing to show under this subheading !!!

## My Publications

Please goto the website.

<https://sci.pdn.ac.lk/mathz/staff/Eranda-Dhananjaya>