



**Department of Statistics & Computer Science**  
**Faculty of Science / University of Peradeniya**



**Dr. Ruwanthini Siyambalapitiya**

*B.Sc., Ph.D. (Perad)*

**Senior Lecturer**

✉ [ruwanthini@pdn.ac.lk](mailto:ruwanthini@pdn.ac.lk)

✉ [ruwanthini@gmail.com](mailto:ruwanthini@gmail.com)



#

## Higher Education Qualifications

 **PhD**

University of Peradeniya - Sri Lanka  
(2014)

 **BSc**

University of Peradeniya - Sri Lanka  
(2009)

## Awards, Scholarships, Memberships & Fellowships



Award for Academic Excellence (2009), University of Peradeniya.



Certificate of Award for receiving Ph.D.(2014), Hillwood College, Kandy.



Honours List Award for Academic Excellence in University (2009), Hillwood College, Kandy.




Prize for School Captain (2003), Hillwood College, Kandy


## Positions Held



Coordinator – MSc in IT – Postgraduate Institute of Science, University of Peradeniya- (November 2017 - December 2018)

## My Teachings

 CS303: Operating Systems Concepts

 CS311: Software Engineering

## Research Interests (Research Fields/ Projects)

Design of Algorithms, Optimization Scheduling, Operating Systems

## Ongoing Research and Projects

 **New Algorithm for the Weighted Interval Scheduling Problem:**

## Key Publications



Journal of Computer Sciences (IJCS) - (2013)

Performance of a Few Gang Scheduling Algorithms for Multi-Processor Scheduling



Journal on Computer Science (JCOM) - (2014)

Comparison of some Algorithms for Multi-Processor Job Scheduling Problem based on the Random Nature of Job Completion Times

## Conferences



Nothing to show under this subheading !!!

## My Publications

Please goto the website.

<https://sci.pdn.ac.lk/scs/staff/Ruwanthini-Siyambalapatiya>