

Curriculum Vitae

Dr.(Ms.) Ruwanthini Siyambalapitiya

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Personal Information

Address: 40 /B, Medakotuwa, Kahalla, Katugastota, Sri Lanka

Date of Birth: 27 February 1984

National Identity Card No: 845582289 v

Nationality: Sri Lankan

Gender: Female

Civil Status: Married

Educational Qualifications

B.Sc. (Special Degree) in *COMPUTER SCIENCE*, University of Peradeniya, Sri Lanka

First Class Honours, 2009.

Ph.D. in *COMPUTER ENGINEERING*, Faculty of Engineering, University of Peradeniya, Sri Lanka, 2014.

Work Experience

- (1) **Lecturer (Temp), Department of Statistics & Computer Science,**
University of Peradeniya (September 2009- September 2011)
- (2) **Lecturer (Temp), Department of Engineering Mathematics,**
University of Peradeniya (October 2011- May 2012)
- (3) **Lecturer, Department of Statistics & Computer Science,**
University of Peradeniya (June 2012- to date)

Academic Distinctions

- (1) Award for Academic Excellence (2009), University of Peradeniya.
- (2) Certificate of Award for receiving Ph.D.(2014), Hillwood College, Kandy.
- (3) Honours List Award for Academic Excellence in University (2009), Hillwood College, Kandy.
- (4) Prize for School Captain (2003), Hillwood College, Kandy.

Research Publications in Refereed Journals

International Refereed Journals

- (1) Siyambalapitiya, R. and Sandirigama, M.
Efficient Greedy Algorithm for Multi-Processor Scheduling
Journal on Software Engineering (JSE), pp. 50-54, April 2010.
Imanager Publications, ISSN 0973-5151.
- (2) Siyambalapitiya, R. and Sandirigama, M.
A New Greedy Algorithm for Multi-Processor Scheduling with Gang Scheduling
Journal on Software Engineering (JSE), pp. 7-12, July 2010.
Imanager Publications, ISSN 0973-5151.
- (3) Siyambalapitiya, R. and Sandirigama, M.
Improvements to First-Come-First-Served Multi-Processor Scheduling with Gang Scheduling
Journal of Computer Sciences (IJCS), pp. 11-17, July 2011
IUP Publications, ISSN 0973-9904.

(4) Siyambalapitiya, R. and Sandirigama, M.
New Backfilling Algorithm for Multi-Processor Scheduling with Gang Scheduling
Journal of Computer Sciences (IJCS), pp. 33-38, October 2011.
 IUP Publications, ISSN 0973-9904.

(5) Siyambalapitiya, R. and Sandirigama, M.
Performance Evaluation of Some Greedy based Multi-Processor Scheduling Algorithms
Journal on Software Engineering (JSE), pp. 1-12, April 2013.
 Imanager Publications, ISSN 0973-5151.

(6) Siyambalapitiya, R. and Sandirigama, M.
Performance of a Few Gang Scheduling Algorithms for Multi-Processor Scheduling
Journal of Computer Sciences (IJCS), pp. 7-26, July 2013.
 IUP Publications, ISSN 0973-9904.

(7) Siyambalapitiya, R. and Sandirigama, M.
Comparison of some Algorithms for Multi-Processor Job Scheduling Problem based on the Random Nature of Job Completion Times
Journal on Computer Science (JCOM), pp. 1-5, March 2014.
 Imanager Publications, ISSN 2347-2227.

(8) Siyambalapitiya, R.
Extensions to Round Robin Scheduling: Comparison of Algorithms
Journal on Computer Science (JCOM), pp. 1-8, December 2015.
 Imanager Publications, ISSN 2347-2227.

(9) Siyambalapitiya, R.
A Greedy based Algorithm for the Interval Scheduling Problem
Journal on Computer Science (JCOM), pp. 19-23, September 2016.
 Imanager Publications, ISSN 2347-2227.

Local Publications

- (1) R.Siyambalapitiya
An Improved Algorithm for Multi-Processor Scheduling with Gang Scheduling
 (Final Year Research Project Report),
 Department of Statistics & Computer Science, University of Peradeniya, 2009.
- (2) R.Siyambalapitiya
Advances in Parallel Processing: Grid Computing
 (Final Year Seminar Report),
 Department of Statistics & Computer Science, University of Peradeniya, 2009.

(3) R.Siyambalapitiya

A Cost Efficient Car Sharing System (Industrial Training Report),
Department of Computer Engineering, University of Peradeniya, 2008.

(4) R.Siyambalapitiya

An Online Travel Planning System (Third Year Project Report),
Department of Statistics & Computer Science, University of Peradeniya, 2008.

Extra Curricular Activities : *Hillwood College, Kandy, Sri Lanka*

School Captain: 2002 / 2003

Deputy School Captain: 2001 / 2002

Inter-House *Badminton* Tournaments

Inter-House and Inter-School *Chess* Tournaments

Inter-House and Inter-School *Table Tennis* Tournaments

Member of *School Western Band*

Member of *School Choir*

Member of Inter-House *Debating Team*

Royal College of Music: Theory and Practicals (Grade 6)

Institute of Western Music and Speech: Spoken English (Grade 8)

I declare that the above particulars furnished by me are true and correct to the best of my knowledge.

Dr. (Ms.) R. Siyambalapitiya