

Curriculum Vitae

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Academic Qualifications

B.Sc. Special Degree in Finance Business & Computational Mathematics **2015**

University of Colombo

Upper Second Class

B.Sc. Special Honors Degree in Information Technology **2013**

Sri Lanka Institute of Information Technology

First Class – Specialized in Computer Systems and Networking

Working Experience

Temporary Instructor **July 22, 2015-present**

Department of Mathematics, University of Moratuwa.

Visiting Lecturer **Sep. 21, 2014-present**

Singapore Informatics Computer Institute (Pvt.) Ltd.

Internship **Jul. 01, - Dec. 31, 2014**

Sustainable Computing Research Laboratory,

University of Colombo School of Computing.

Professional Activities

- Participated in ‘Information Security Quiz 2012’ organized by Sri Lanka CERT|CC and ICTA.
- Participated in ‘Mathematical Modeling Week’ organized as a part of International Forum for Mathematical Modeling.

Teaching

- Conduct lectures in ‘Network Management & Troubleshooting Technique’, ‘Intranet Technologies & Architecture’, ‘Security in System Development’, ‘Object Oriented Analysis & Design’ and ‘Database Design and Management’ for undergraduate level students at Singapore Informatics.
- Conduct tutorial lessons for fresher’s on ‘Probability and Statistics’, ‘Riemann Integration, Ordinary different Equation and Multivariate Calculus’ and Numerical Analysis.
- Conduct tutorial lessons for fresher’s on ‘Logic and Set Theory’, ‘Real Analysis’ and ‘Vectors and Matrices’.
- Grade spot tests of first year Engineering Students.
- Assist University level student in mathematics and computer science areas.

Publications

- Wolfram Demonstrations Project on ‘Algorithm for Data Encryption Standard’. The URL is: <http://demonstrations.wolfram.com/AlgorithmForDataEncryptionStandard/>
- Madushanka P.L.M., Wijethilake K.K.G.N.T., Senadheera D.G.M., Abeywikrama I.C.K., Rupasinghe L., Kuruwitaarachchi N., “Developing a QoS Based Routing Algorithm for VANET”, The Third National Conference on Technology and Management, Vol. 3, January, 2014, page 22.

Awards and Honors

- Earned Best Performance Award in CSN Specialization for the best performance at the Special Honors Degree Examination in the field of Computer Systems & Networking at SLIIT by topping the batch with a GPA of 3.68/4.00.
- Earned four Half Scholarships from SLIIT for the outstanding academic performance in four semesters during 2010-2013.
- Devi Balika Vidyalaya Challenge Cup for Best Supporting Leadership presented by Ms.G.L.Piyadasa. Deputy Head Prefect of 2007/2008 Prefects Guild of Devi Balika Vidyalaya.
- Won the De-Soysa Challenge Trophy with the President Medal, (2006) Rank – Corporal. A member of the school Cadet platoon during the years 2005, 2006, and 2009.

Volunteer Service

- Director/Assistant National Coordinator (in 2015) - Sri Lanka Olympiad Mathematics Foundation (SLOMF). A non-profitable organization which has undertaken the task of discovering, encouraging and challenging mathematically most talented young secondary school student of Sri Lanka.

Extracurricular Activities

- Participated in organizing the Sri Lanka Mathematical Competition (SLMC) and the Awards Ceremony during the years 2012, 2013, 2014 and 2015.
- Web Coordinator of the Epsilon Delta society during the years 2013, 2014, 2015 (UOC).
- Compered the Opening Ceremony of the refurbished Mathematics Department Building of University of Colombo and few other ceremonies.
- Member of the School Athletic Group. Represented the school in various occasions.
- Member of the school Scrabble Club.
- Member of the school Philatelic Club.