

Chandramali Piyasundara

Name with initials:-

W.L.C.Piyasundara

Address:-

"Lasanda"
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OBJECTIVES:-

Work and interact with academic & working industry, where I can utilize and contribute my achieved knowledge and that would provide me with ample opportunities for growth of my skills in my studies and to serve to my workplace and country at my best.

LANGUAGES:-

Sinhala –Mother tongue

English – Proficient

MATHEMATICAL SOFTWARE

- MATLAB
- MAPLE
- MINITAB

COMPUTER LANGUAGES

- Java (Manageable)
- C++ (Manageable)

◆ EDUCATIONAL QUALIFICATIONS:

B. Sc. (Special) degree in Mathematics

November 2016

- First Class with GPA of 3.7
- from University of Sri Jayewardenepura
- Degree is *specialized* in both *Applied & Pure Mathematics*
- With *Computer Science & Statistics* in first two years.

Achieved an overall score of 6.5 at IELTS exam

Listening-6.5 Speaking- 7.0
Reading-6.0 Writing-6.0

Achieved an overall score of 300 at GRE exam

Verbal Reasoning-141
Quantitative Reasoning-159
Analytical Writing-3.0

Passed G.C.E. Advanced Level Examination

2011

Combined Mathematics – A, Chemistry – C, Physics - C

Passed G.C.E. Ordinary Level Examination 2007 - 10A's

◆ EXPERIENCE:

Mathematics Demonstrator: January 2017 – present

Currently working as a Temporary Demonstrator at University of Sri Jayewardenepura.

▪ Conducting Practical Sessions

- Numerical Methods with MATLAB
- Linear Algebra & Vector Applications with MAPLE
- Computational Mathematics

▪ Organizing Tutorial Discussions, grading student Tutorials & Assignments

- Calculus
- Applicable Mathematics
- Boolean Algebra with Switching Circuits
- Computer Programming with C++
- Lattices and Boolean Algebra
- Complex Analysis
- Linear Algebra II with maple
- Algorithm and Complexity

▪ Invigilating in mid examinations and end semester examination.

SUBJECT INTERESTS:-

- Numerical Techniques
- Differential Equations and Optimization.
- Graph theory and Its Applications
- Abstract Algebra, Group Theory, Ring Theory & Field Theory.
- Applied Mathematical Techniques.
- Financial Mathematics
- Calculus and Vector Application
- Number Theory
- Operational Research
- Time series Analysis
- Regression Analysis

KEY SKILLS:-

- Skilled in project management
- Leadership and team working
- Presentation and Communication skills
- Adoptability to the environment

REFERENCES:

1. **Dr. R. Sanjeewa**
Head of the mathematics department,
Senior lecturer,
University of Sri Jayewardenepura.
Telephone: 0718172842
2. **Dr. G.H.J. Lanel**
Senior lecturer,
Department of mathematics,
University of Sri Jayewardenepura
Telephone: 0713063977

◆ PUBLICATIONS:

Piyasundara, W.L.C., & Kumara, K.K.W.A.S (2017).EXPLICIT FORMULAS FOR THE EXPONENTIALS OF SOME SPECIAL MATRICES. International Journal of Advanced Research, 5(8), 129–137. doi:10.21474/ijar01/5043

▪ Conference presentation

Oral presentation:

W.L.C.Piyasundara, B.M.Y.U.A. Batugedara, G.H.J. Lanel, C. Bandara, S.L. Heenatigala, An algorithm to find the distance between any two railway stations allowing modifications to the existing database (ICCMS 058), International Conference on Computational Modeling and Simulation. University of Colombo, pp.174-176, 2017

Poster presentation:

W.L.C.Piyasundara, B.M.Y.U.A. Batugedara, G.H.J. Lanel, C. Bandara, S.L. Heenatigala, An Algorithm to Find the Distance between Any Two Railway Stations Using Dijkstra's Algorithm, International Industrial Mathematics Conference (2016), University of Sri Jayewardenepura.

◆ EXTRA-CURRICULAR ACTIVITIES:

University: University of Sri Jayewardenepura

- Member of Mathematics Society in the Department of Mathematics, University of Sri Jayewardenepura: 2015-2016.
- Member of the organizing committee of “Mathematics Quiz 2016” conducted by the Mathematics Society 2015-2016.
- Organized a seminar on “Carrier as an Actuary!” for the 3rd and 4th year university students.

School: Christ Church Girls' College Baddegama (1997 – 2008)
Sanghamitta Girls' College Galle (2008 – 2010)

- All island English Day Competitions 2006
Gold medal for senior dialogue drama competitions organized by the Ministry of Education.
- Member of the school Eastern band.
- Member of the school Chess team.

I hereby certify that above details are true and accurate to the best of my knowledge.

W.L.C.Piyasundara