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



Prof. Saluka R. Kodituwakku

B.Sc. (Perad.), M.Sc. (AIT, Thailand), Ph.D. (RMIT, Australia)

Senior Professor of Statistics and Computer Science

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About Me

I am the chair professor of Statistics and Computer Science, the Faculty of Science, University of Peradeniya, Sri Lanka. Served as the Director and CEO of the National Institute of Fundamental Studies (NIFS) from May 2022 to July 2024. Served as the Dean, Faculty of Science from April 2016 to April 2022. Served as the Head/Department of Statistics and Computer Science, Faculty of Science from March 2007 to February 2013. Graduated from the University of Peradeniya obtaining B.Sc. Special Degree in Mathematics in 1992 and joined the University in 1993 as a Probationary Lecturer. Proceeded to AIT, Thailand for reading a M.Sc. in Computer Science and later completed the Ph.D. in 2004 at RMIT University, Australia. Promoted to the Grade of Senior Lecturer in 2004 and Professor of Computer Science in 2013. My areas of expertise are in the fields of Software Engineering and Database Management.

Higher Education Qualifications

PhD	MSc	BSc
RMIT University, Melbourne - Australia (1999)	Asian Institute of Technology (AIT), Bangkok - Thailand (1995)	University of Peradeniya - Sri Lanka (1986)

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Awards, Scholarships, Memberships & Fellowships

- RMIT Computer Science Postgraduate Scholarship awarded by the Department of Computer Science
- AIT postgraduate scholarship awarded by the Japanese Government
- Nature’s Secrets Research Award for Best Commercially Viable Research Project 2012
- National Academy of Science Sri Lanka (NASSL) Fellow
- Computer Society of Sri Lanka

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Positions Held

- Member, Academic Advisory Board, NIE- (2025 to date)
- Member, Research Council of NIFS- (March 2026 to date)
- Director and CEO/National Institute of Fundamental Studies(NIFS)- (May 2022 - July 2024)
- Member- (Board of Governors, NIFS, May 2022 - July 2024)
- Chairman- (Research Council, NIFS, May 2022 - July 2024)
- Dean/ Faculty of Science and ChairProfessor of Statistics and Computer Science- (April 2016 – April 2022)
- Director/ Information Technology Center, University of Peradeniya- (April 2014 – April 2016)
- Member, Council, University of Peradeniya- (August 2015 – April 2022)
- Acting Director, PGIS, University of Peradeniya- (July 2017 - January 2018)
- Head/ Department of Statistics & ComputerScience, University of Peradeniya- (Mar 2006 – Feb 2013 and Mar 2015 - Apr 2016)
- Co-Chairman, International Symposium on Transport Phenomena (ISTP28) - 2017, Faculty of Engineering, University of Peradeniya, Sri Lanka
- Vice Chairman, Staff Residential Committee, University of Peradeniya, Sri Lanka- (2016 – August 2018)
- Chairman, Board of Study in Statistics and Computer Science, Post Graduate Institute of Science , University of Peradeniya, Sri Lanka- (September 2008 – April 2016)
- Chairman, Board of Study in Science, Center for Distance and Continuing Education, University of Peradeniya, Sri Lanka- (September 2008 – April 2016)
- Secretary, Board of Study in Statistics and Computer Science, Post Graduate Institute of Science , University of Peradeniya, Sri Lanka- (2005 - 2008)
- Secretary of the local organizing Committee: International Statistical Conference, PGIS, The University of Peradeniya- (November 2004)
- Congress Chairman, PGIS Research Congress 2014, Post Graduate Institute of Science , University of Peradeniya, Sri Lanka- (2014)
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My Teachings

- CS404: Parallel Processing
- CS406: Foundations of Distributed Systems
- CS413: Programming Techniques
- CS531: Database Management Systems
- CS546: Software Engineering
- CSC1013: Introduction to Computer Science and Programming
- CSC3073: Computer Graphics
- CSC3093: Object Oriented Analysis and Design
- CSC3312: Computing for Science II
- IT501: Introduction to Programming

Research Interests (Research Fields/ Projects)

- Software Engineering
- Database Systems
- Image Processing
- Distributed Systems
- Cloud Computing

Ongoing Research and Projects

Design and Analysis of Algorithms For Convex Partitioning of Polygons

Team members Mr. K. R. Wijeweera, Prof. S. R. Kodituwakku, Prof. Vaclav Skala

The main objectives of this research are to improve existing algorithms and investigate novel algorithms for the problem of convex partitioning of polygons. Speed of algorithms, parallelism, probabilistic geometry, simplicity, and modern environment are considered in this research.

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Key Publications

Nothing to show under this subheading !!!

Conferences

Nothing to show under this subheading !!!

My Publications

Please goto the website.

https://sci.pdn.ac.lk/scs/staff/Saluka-Kodituwakku

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