Contact

www.linkedin.com/in/windhya-rankothge (LinkedIn)

Top Skills

Computer Network Operations

Lecturing

Software Defined Networks

Certifications

Project Management Professional (PMP)®

DevNet Associate

MCSE

CyberOps Associate

Certified in Risk and Information Systems Control™ (CRISC)

Honors-Awards

IEEE Women in Engineering Outstanding Volunteer (Lifetime Discretionary Award)

Publications

Towards Making Network Function Virtualization a Cloud Computing Service

Adaptive Prefetching of Podcasts in a Limited Bandwidth Network

Technology assisted tool for learning skills development in early childhood

Data Modelling for the Evaluation of Virtualized Network Functions Resource Allocation Algorithms

Plant recognition system based on Neural Networks

Windhya Rankothge

Cybersecurity GRC Specialist | PhD | CISM | CRISC | PMP | Public Speaker | IEEE WiSE Chair | IEEE WIE Day Chair 2025-2026 | IEEE WIE Outstanding Volunteer 2025 | WiCyS

Canada

Experience

Canadian Institute for Cybersecurity

4 years 5 months

Postdoctoral Research Associate (Faculty)

September 2023 - Present (2 years 9 months)

Technical PI and Research Team Leader

Project Title: Supply Chain Cybersecurity

Focused Areas: Supply Chain Cyber Risk Intelligence (SCCRI):

Trustworthiness, Recurring Vulnerabilities/ Patterns, and Compensatory Controls

Delivered to the ADGA Group Consultants, Inc.

Technical PI and Research Team Leader

Project Title: Secure Cloud-Based Collaborative Environment for Space and Defense Industry

Focused Areas: Secure use of Cloud Services for Collaborative Environment, Remote Networks, Risk Assessment for Cloud-Based Collaborative Environment,

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Postdoctoral Research Fellow

January 2022 - August 2023 (1 year 8 months)

Technical PI and Research Team Leader

Project Title: Supply Chain Cybersecurity

Focused Areas: Use of Blockchain in Supply Chain and Cyber Risk Assessment for Blockchain-based Supply Chains

Delivered to the ADGA Group Consultants, Inc.

Technical PI and Research Team Leader

Project Title: Secure Cloud Services for Mission-Critical Operations

Focused Areas: Secure use of Cloud Services for Mission Critical Operations, Remote Mobile Networks, Satellite Communication, Risk Assessment for Satellite Communication

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IEEE Systems Council
Chair - Women In Systems Engineering (WiSE) Committee
January 2026 - Present (5 months)

IEEE Women in Engineering
1 year 5 months

Chair - Special Days Subcommittee
January 2025 - Present (1 year 5 months)

Executive Committee - Member at Large - Voting Member
January 2025 - December 2025 (1 year)

Women in CyberSecurity (WiCyS)
Member
January 2024 - Present (2 years 5 months)

IEEE New Brunswick Women In Engineering (WIE)
Chair
August 2022 - Present (3 years 10 months)

IEEE MGA Awards & Recognition
Executive Committee Member
January 2025 - December 2025 (1 year)

IEEE Women in Engineering Region 7
Vice Chair
January 2024 - January 2025 (1 year 1 month)

IEEE WIE WePower
Secretary
January 2022 - January 2024 (2 years 1 month)

IEEE Computer Society Sri Lanka Chapter
Vice Chair
September 2021 - July 2022 (11 months)

Sri Lanka Academy of Young Scientists
Secretary
June 2021 - March 2022 (10 months)

SLIIT
Assistant Professor
August 2017 - December 2021 (4 years 5 months)

Faculty of Computing

SLASSCOM (Sri Lanka Association for Software and Services Companies)
Forum Member - Entrepreneurship and Innovation
July 2020 - November 2021 (1 year 5 months)

IEEE Sri Lanka Section
Secretary
January 2020 - January 2021 (1 year 1 month)

IEEE WIE Sri Lanka Section
Section Chair
January 2019 - January 2020 (1 year 1 month)

Universitat Pompeu Fabra - UPF
PHD Researcher
February 2013 - April 2017 (4 years 3 months)

Research Interests : Software Defined Networks (SDN), Network Function Virtualization (NFV), Cloud services management

Virtusa
Industrial Trainee
January 2007 - December 2008 (2 years)

Systems Team : work related to Microsoft systems, servers configuration and maintenance.

Education

Universitat Pompeu Fabra
Doctor of Philosophy (PhD), Computer Systems Networking and Telecommunications · (2013 - 2017)

University of Moratuwa
Master of Science (MS), Computer Systems Networking and Telecommunications · (2010 - 2012)

Sri Lanka Institute of Information Technology

Bachelor of Science (BS), Computer Systems Networking and Telecommunications · (2005 - 2008)

Visakha Vidyalaya

· (1994 - 2004)