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Current post:	<p>Lecturer / SLTC Research University</p> <p>Head of the Department / Department of Industrial Management / Faculty of Engineering</p> <p>Chair – Board of Study in Management Studies & Commerce and Humanities /Faculty of Postgraduate Studies and Research</p> <p>Programme / Lead – Master of Business Administration</p>
Education and Qualifications	<ul style="list-style-type: none"> • Reading for Doctor of Business Administration, University of Kelaniya, 08/2022 to present • Master of Science in Industrial Engineering, Clemson University, South Carolina, USA 08/2013-01/2015 • Master of Mathematics, concentration on Statistics, Georgia Southern University, Statesboro, Georgia, USA 08/2010-12/2012 • Master of Business Administration (Completed all course work at Georgia Southern University, USA) 01/2011-05/2013 • Post Graduate Diploma in Business Management, University of Colombo, Sri Lanka 03/2007-03/2008 • BSc in Physical Science, University of Colombo, Sri Lanka 07/2003-07/2006
Membership of Professional Bodies and Learned Societies:	<ul style="list-style-type: none"> • The chartered member of the Chartered Institute of Logistics and Transport (CILT) • Six Sigma Green Belt, Clemson University, SC, USA • Six Sigma Black Belt, NIBM, Sri Lanka • Lifetime member of Delta Epsilon Iota Academic Society • Member of SIAM (Society of Industrial and Applied Mathematics) Chapter at Georgia Southern University

<p>Teaching Experience:</p>	<p>Lecturer, Sri Lanka Technology Campus (SLTC), 01/10/2023 - present Conducting the following modules for the Supply Chain, Operational Management and Engineering Management Degree students. Procurement Management, Statistics, Advanced Operations Management, Total Quality Management and Project Management</p> <p>Senior Consultant/Lecturer, National Institute of Business Management, Colombo, Sri Lanka, 01/2016-31/09/2023. Delivered the following modules to students pursuing final-year degrees, higher diplomas, and advanced diplomas: Operations Management, Logistics Management, Business Statistics, Supply Chain Management, Operational Research, Stores and Warehouse Management, Quality Management, Six Sigma Quality, Project Management, Business Mathematics, Product Design and Development, Transportation and Networking, and Work System Designs.</p> <p>Temporary Lecturer, Department of Industrial Management, University of Kelaniya, Sri Lanka, 08/2015-12/2015. Conducted the following undergraduate courses:</p> <ul style="list-style-type: none"> • Advanced Statistical Techniques for Industry • Strategic Quality Management and Lean Six Sigma • Statistical Techniques for Data Analysis • Conducted Tutorials for Operations Research I and II <p>Graduate Teaching Assistant, Department of Industrial Engineering, Clemson University, SC, 08/2013-06/2015 Job Duties:</p> <ul style="list-style-type: none"> • Teaching Assistant for IE 360 (Industrial Applications of Probability and Statistics) • Teaching Assistant for IE 857 (Health, Safety and the Environment) • Conducted labs for IE 210 (Design and Analysis of Work Systems) <p>Instructor, Department of Mathematical Sciences, Georgia Southern University, Georgia, USA, 01/2013-06/2013 Job Duties: Taught Pre-calculus, made and graded course materials (exams,</p>
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	<p>quizzes, and homework), attended all departmental meetings, and hold office hours.</p> <p>Graduate Teaching Assistant, Department of Mathematical Sciences, Georgia Southern University, Georgia, USA, 08/2010-12/2012</p> <p>Job Duties: Recitation leader for Calculus I & II, assisted hybrid classes, and taught math and stat in the laboratory</p>
Professional Experience	<p>Management Trainee, D.R. Management Services (Pvt.) Ltd (DAMRO), Sri Lanka. 07/2006-12/2008</p> <p>Assistant Manager, D.R. Management Services (Pvt.) Ltd (DAMRO), Sri Lanka. 07/2008-12/2009</p> <p>DAMRO is among the world's largest furniture manufacturers offering a diverse range of modern and traditional furniture.</p> <p>Job duties:</p> <ul style="list-style-type: none"> Assisted factory manager in enhancing the product quality and product development in Sofa, Knockdown, Steel tube, Steel sheet, Office chair, and Spring mattress divisions. Introduce a process to check the quality of finished goods by inspecting samples before sending those to the warehouse. Initiated and implemented 5 S quality standards in the Spring Mattresses division. Developed a new method to check the quality of spring mattresses and sofas. Supervised more than 25 employees in the quality department. Assisted the purchasing manager in purchasing various machines and machine parts for production. Introduced new product concepts by analyzing competitors and existing products.

Pedagogic interests:	<p>I am lecturing with enthusiasm, as it offers me a valuable opportunity to test my knowledge and refine my abilities. I am confident in my teaching methods and take pride in presenting subject matter in a way that engages all students, even those who initially dislike the topic. This has been evident in their consistent attendance and active participation. My teaching philosophy emphasizes balancing theoretical concepts with practical applications, ensuring students gain a comprehensive and relevant understanding of the subject.</p>
Research, scholarly, and enterprise activity:	<p>Doing DBA research on the Integration of Industry 4.0 Technologies and Lean Six Sigma Practices for Improving Operational Performance in the Apparel Manufacturing Sector in Sri Lanka.</p> <p>Research Assistant</p> <p>I was granted a graduate research assistantship by the Department of Industrial Management, at Clemson University.</p> <p>Conducted research on quality improvements in healthcare based on methods such as Six Sigma, Lean Six Sigma, PDSA Cycle, and Statistical Process Control</p> <p>Conducted research on South Carolina crash data.</p> <p>The analysis mainly focuses on driving under the influence of crashes. Logistic regression was used to examine the effects of each variable such as weather, light condition, road condition, time, driver age, etc. with driving under the influence crashes</p>
Consultancy and industry links:	<ul style="list-style-type: none"> • Successfully conducted a consultancy project in one of the leading biscuits manufacturing companies (MALIBAN), Sri Lanka. 2018-2019 • Successfully conducted consultancy projects for MILKO company to improve their productivity. • Conducted different training and consultancy projects for private and small-scale businesses.
Research supervision:	<p>Currently working as a Supervisor for research projects for the following degree programs. 12 students work under my supervision.</p> <p>BBM (Hons) in Operations Management BBM (Hons) in Supply Chain Management</p>

<p>Published output from research and scholarly activity:</p>	<p>“Finding the Best Confidence Interval for a Single Regression Change point using Different Bootstrap Confidence Interval Procedures”</p> <p>The purpose of this paper is to find a better bootstrap confidence interval for a single regression change point. ("Better" confidence interval means having a minimum length and coverage probability that is close to a chosen significance level). Several methods use to find bootstrap confidence intervals. Among those methods, a better confidence interval will be presented.</p> <p>https://digitalcommons.georgiasouthern.edu/etd/6</p>
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Membership of University committee(s) and task group(s):	<p>Member of the organizing committee in all NIBM events 2016- 2017</p> <p>Member of organizing committee in International Festival at Clemson University 04/2014</p> <p>Member of Georgia Southern University Cricket Club 01/2012- 05/2013</p> <p>Member Student Council, University of Colombo</p> <p>Member of University of Colombo Cricket, Elle and Badminton teams 04/2005-06/2006</p> <p>Served as Vice Captain of the University of Colombo Elle Team 12/2005-12/2006</p> <p>Member of the organizing committee in “Fresher Welcome” organized by the Student’s Council, Faculty of Science, University of Colombo 2004</p>
Administrative roles:	<p>An active member of the International Research Conference organized by SLTC Research University 2023, 2024</p> <p>Project Champion of organizing NIBM students Events 01/2017-2021</p> <p>President- NIBM Sports Club 01/2017- 2021</p> <p>Assistant Librarian of the Student Council Library of the University of Colombo 03/2005-07/2006</p> <p>Organized a car wash (A charity event to benefit the cancer hospital, over 100 people participated) at the University of Colombo, Sri Lanka 09/2004</p>
Overseas links:	<p>A member of Clemson Alumni Association, Clemson University, U.S.A.</p> <p>A member of the Alumni Association of Georgia Southern University, U.S.A</p> <p>Participant of Train of Trainer Workshop, University of Technology Malaysia January 2017</p>
Other:	<p>Conducted workshop on Six Sigma Quality: Organized by National Productivity Secretariat at Ministry of Public Administration and Management, Sri Lanka 2016</p> <p>Participated in Bob Taylor Retirement Conference at the Department of Mathematical Sciences, Clemson University, USA</p>

Non Related Referees

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