Dr. (Mrs.) W. G. Samanthi Konarasinghe

Mobile: 0414193303

Email: sinasisi@gmail.com, samanthi@imathm.edu.lk
Website: www.imathm.edu.lk

Orcid.org/0000-0002-0410-1138
Google Scholar

EDUCATION

Qualification	Institution	Duration of Study
Bachelor of Science Degree (Physical Science) *Medium of Instruction: English*	University of Peradeniya, Sri Lanka	3 years
Postgraduate Diploma in Industrial Mathematics *Medium of Instruction: English*	University of Sri Jayewardenepura, Sri Lanka	1 ½ years (By course work and research)

Master of Science in Applied Statistics *Medium of Instruction: English*	University of Peradeniya,Sri Lanka	3 years (By course work and research)
Masters in Business Administration (MBA) *Medium of Instruction: English*	Rajarata University of Sri Lanka	3 years (By course work and research)
Doctor of Philosophy-Statistics *Medium of Instruction: English*	University of Peradeniya, Sri Lanka	3 years (By research)
Doctor of Philosophy-Business (Reading) *Medium of Instruction: English*	Western Sydney University, Australia	3 years (By research)

DETAILS OF ACADEMIC QUALIFICATIONS

1.   BACHELOR OF SCIENCE

Subjects:

Pure Mathematics
Applied Mathematics
Chemistry

2.   POSTGRADUATE DIPLOMA IN INDUSTRIAL MATHEMATICS

Subjects:

Foundation Mathematics	Numerical methods
Mathematical methods	Foundation statistics 1
Foundation Statistics 2	Object oriented programming in Turbo C++
Numerical Solutions of ODIVPs	Operational research
Mathematical modeling	Statistical Inference
Applied regression Analysis	Design of Industrial Experiments
Data Base Management Systems Optimization	System & System Control Theory
Nonparametric Statistics	**Research Thesis**

Research Thesis: Fitting Mathematical Models for Rainfall-Runoff Relationships

3.   MASTER OF SCIENCE IN APPLIED STATISTICS

Subjects:

Sampling Techniques	Design and Analysis of Experiments
Regression Analysis	Time Series Analysis
Multivariate Data Analysis	Crop and Animal Experimentation
Advanced Calculus	Statistical Theory
Stochastic Process	Vector Analysis
Group Theory	Measure Theory
Seminar	**Directed Study**

Directed Study: Global Warming in Asi

4.   MASTERS OF BUSINESS ADMINISTRATION

Subjects:

Business Statistics	Research Methodology & Seminar
Quantitative Methods	Business Economics
Comparative Management	Administrative & Industrial law
Management and Information Systems	Marketing Management
Academic Writing	Financial Management
Human Resource Management	Strategic Management
Organizational Behavior	Operations management
Ethics & Corporate Social Responsibility	Project Management
Article Commentary & Research Critique	**Research Thesis**

Thesis Tile: The Dynamic Relation between Stock Returns and Trading Volume of Colombo Stock Exchange

5.   DOCTOR OF PHILOSOPHY (Completed)

Thesis Title: Model Development for Stock Returns

PhD research was based on forecasting share returns and risk of Sri Lankan stock market. Two new forecasting models, named; "Circular Model (*CM*)" and "Circular Indicator (*CI*)" for forecasting return and risk respectively were the outcome of the study. The CM is applicable to all the other fields of studies as well.

6.   DOCTOR OF PHILOSOPHY (Ongoing)

Thesis Title: Impact of Digital Transformation on Tourism Demand in Sri Lanka and Australia

TEACHING INTERESTS

Mathematical Methods for; Finance /Business /Economics/Computing / Engineering

Fundamental Mathematics / Quantitative Techniques

Business Statistics/ Applied Statistics

Data Science / Data Analytics

Research Methodology

Operations Research

Financial Management

Calculus / Discrete Mathematics / Vector Analysis/ Linear Algebra

Numerical Methods & Logic

SKILLS

- Teaching Mathematics for weaker students and motivating them
- Mentoring young adults
- Knowledge in data analysis software: SPSS, Minitab, MATLAB, R, EXCEL

WORKING EXPERIENCE (26 years)

Permanent Positions:

INSTITUTION	POSITION	PERIOD
Institute of Mathematics and Management (IMM) Pvt. Ltd., Sri Lanka	Academic Director	October 2012 to date

Asia Pacific Institute of Information Technology (APIIT)	Senior Lecturer	2007 to 2010
Royal Institute	Lecturer	1997 to 2004
Kingston College International	Teacher	1996 to 1997

Part Time / Visiting Lecturer Positions

INSTITUTION	POSITION	PERIOD
University of Colombo	Visiting lecturer	2018-2020
South Asian Institute of Technology and Medicine (SAITM)	Visiting Lecturer	2010 to 2012
American National College (ANC)	Part Time Lecturer	2004 to 2007
Imperial Institute of Higher Education (IIHE)	Visiting Lecturer	2004 to 2007
Informatics Institute of Higher Education (IIT)	Visiting Lecturer (MBA)	2004 to 2007
ICFAI Education Lanka	Visiting Lecturer	2005 to 2008
Graduate Institute of Science and Management	Visiting Lecturer	2011 to 2012

LIST OF RESEARCH PUBLICATIONS

Indexed Journals

Konarasinghe W. G. S. (2020). Improved Circular Model on Forecasting Arrivals from Western European Countries to Sri Lanka. *Communications in Computational and Applied Mathematics (CCAM).* 2 (2).

Konarasinghe W. G. S. (2020). Comparison of Forecasting ability of Sama Circular Model, ARIMA and Decomposition Techniques. Journal of New Frontiers in Mathematics and Statistics. 1(1), 1-15.

https://zenodo.org/badge/DOI/10.5281/zenodo.3989933.svg

Konarasinghe W. G. S. (2019). Sama Circular Model and ARIMA on Forecasting BSE Sensex . . *International Journal of Novel Research in Physics Chemistry & Mathematics.* 6(2), 1-7.

DOI: 10.5281/ZENODO.3989933

Konarasinghe, W.G.S (2018). Sama Circular Model on Forecasting Sri Lankan Stock Market Indices. *Mathematical Sciences International Research Journal*. 7 (Special issue), 1-4.

Konarasinghe, W.G.S (2018). Sama Circular Model on Forecasting Tourist Arrivals to SriLanka. *Mathematical Sciences International Research Journal*. 7(2),191-193.

Konarasinghe, W.G.S (2018). Circular Model & Circular Indicator on Measuring Return & Risk of Hotel & Travel Sector of Sri Lankan Share Market *International Journal of Research & Review. 5(1), 43-49,* Available at, www.ijrrjournal.com

Amarakoon AANR, Konarasinghe KMUB, Konarasinghe WGS (2018). Determinants of Alcohol Consumption of Adolescents in Western Province of Sri Lanka. *International Journal of Research & Review. 5(8), 140-148,* Available at, www.ijrrjournal.com

Amarakoon AANR, Konarasinghe KMUB, Konarasinghe WGS (2018). Risky Sexual Behaviour of Adolescents in Western Province of Sri Lanka. *International Journal of Novel Research in Physics Chemistry & Mathematics.* 5(3), 1-9. Available at: www.noveltyjournals.com

Amarakoon AANR, Konarasinghe KMUB, Konarasinghe WGS (2018). Motives of Consuming Dangerous Drugs of Adolescents in Western Province of Sri Lanka. *International Journal of Research & Review.* 5(10)*, 87-96,* Available at, www.ijrrjournal.com

Konarasinghe, W.G.S., (2017). Theory of Uniform Circular Motion in Portfolio Selection. *International Journal of Novel Research in Physics, Chemistry and Mathematics,* 4(3), 10-18. Available at: www.noveltyjournals.com

Konarasinghe, W.G.S., Abeynayake, N.R., Gunaratne, L.H.P, (2016). Circular Methods on Forecasting Risk & Returns of Share Market Investments. *International Journal of Research & Review.* 3(4)*,* 51-56*,* Available at, www.gkpublication.in

Konarasinghe, W.G.S., Abeynayake, N.R., Gunaratne, L.H.P, (2016). Circular Model on Forecasting Returns of Sri Lankan Share Market. *International Journal of Novel Research in Physics, Chemistry and Mathematics,* 3(1), 49-56. Available at: www.noveltyjournals.com

Konarasinghe, W.G.S., Abeynayake, N.R., Gunaratne, L.H.P, (2016). Comparison of ARIMA & Circular Model in Forecasting Sri Lankan Share Market Returns. *International Journal of Novel Research in Interdisciplinary Studies,* 3(2), 3-8. Available at: www.noveltyjournals.com

Konarasinghe, W.G.S., Abeynayake, N.R., Gunaratne, L.H.P, (2016). Spectral Analysis on Forecasting Sri Lankan Share Market Returns. *International Journal of Management & Applied Science.* 2(1),25-28. Available at, http://ijmas.iraj.in/

Konarasinghe, W.G.S., (2016). Circular Indicator on Measuring Risk of Returns of Sri Lankan Share Market. *Global Journal for Research Analysis,* 5(4), 247-248. Available at: http://theglobaljournals.com/

Konarasinghe, W.G.S., Abeynayake, N.R., Gunaratne, L.H.P, (2015). Forecasting Share Prices of Banks of Colombo Stock Exchange. *International Journal of Research & Review.* 2(6)*,* 372-378*,* Available at, www.gkpublication.in

Konarasinghe, W.G.S., Abeynayake, N.R., Gunaratne, L.H.P, (2015). Comparison of Time

Domain and Frequency Domain Analysis in Forecasting Sri Lankan Share Market Returns. *International Journal of Management & Applied Science.* 1(9),16-18, Available at, http://ijmas.iraj.in/

Konarasinghe, W.G.S., Abeynayake, N.R., Gunaratne, L.H.P, (2015). ARIMA Models on Forecasting Sri Lankan Share Market Returns. *International Journal of Novel Research inPhysics, Chemistry and Mathematics,* 2(1), 6-12.
 Available at: www.noveltyjournals.com

Konarasinghe, W.G.S., Abeynayake, N.R., (2015). Fourier Transformation on Model Fitting for Sri Lankan Share Market Returns. *Global Journal for Research Analysis,* 4(1), 159-161. Available at: http://theglobaljournals.com/

Konarasinghe, W.G.S., Abeynayake, N.R., Gunaratne, L.H.P, (2015). Covariance Structure of Sri Lankan Share Market Returns. *International Journal of Novel Research in Interdisciplinary Studies,* 2(1), 13-22. Available at: www.noveltyjournals.com

Konarasinghe, W.G.S., (2014). Review of Statistical Modeling in Technical Analysis of Financial markets. *Journal of Management, South Eastern University of Sri Lanka,* X(1), 42-50. Available at : http://ir.lib.seu.ac.lk/handle/123456789/1413

Konarasinghe, W.G.S. & Pathirawasam, C. (2013). Modeling Stock Returns and Trading Volume of Colombo Stock Exchange. *Sri Lankan Journal of Management*, 18, (3&4), 167-224. Available at : http://www.sljm.pim.lk/

Conference Proceedings

Konarasinghe W. G. S. (2021). Role of Mathematical Models in Defeating Covid 19 Pandemic. Proceedings of 3rd International Conference on Mathematical, Physical & Computational Sciences (ICMPCS, 2021) Aurora's Degree & PG College, Andhra Pradesh, India

Konarasinghe W. G. S., Chaudry, T. M, Konarasinghe, K. M. U. B (2020). Indigenous Healthcare Systems of Sri Lanka and Australia to Combat Epidemics and Pandemics, Proceedings of Institute of Mathematics and Management Conference on Mathematical & Biological Sciences 2020, Melbourne, Australia,14

Konarasinghe W. G. S., (2020). Sama Circular Model and ARIMA on Forecasting Unemployment of Australia. Proceedings of Institute of Mathematics and Management Conference on

Management & Social Sciences 2020, Melbourne, Australia,13.

Konarasinghe W. G. S. (2019). Sama Circular Model and ARIMA on Forecasting Consumer Price Index of India. International Conference on Advances in Mathematics, Statistics andComputer Science- Andhra Loyola 2019, Andhra Loyola College (Autonomus), Andhra Pradesh,India.

Konarasinghe W. G. S. (2019). Role of Gender Statistics in Sustainable Development. Gender Accounting and Accountability Conference 19, RMIT University , Melbourne, Australia.

Konarasinghe W. G. S. (2019). Indigenous Control Systems of Sri Lanka. International conference on celebration of Indigenous Knowledge: contribution of their influence across disciplines, University of Canberra, Australia.

Available at: https://www.sietaraustralasia.org/2019-conference

Konarasinghe W. G. S. (2019). Sama Circular Model and ARIMA on Forecasting BSE Large-Cap. 6th National and International Conference on Administration and Management, Kasetsart University, Bangkok, Thailand, 1-7.

Available at: https://psakuconferences.wixsite.com/allconferences/all-proceedings

Konarasinghe, W.G.S (2019). Use and Misuse of Statistics in Biological Studies. Proceedings of the International Conference on Computational Genomics and Proteomics, Vivekanadha College of Arts & Science for Women, Namkkal Dt., Tamil Nadu, India, ().

https://zenodo.org/badge/DOI/10.5281/zenodo.3901144.svg

Konarasinghe, W.G.S (2018). Sama Circular Model on Forecasting Sri Lankan Stock Market Indices. Proceedings of the International Multidisciplinary Research Conference, Thailand, 123. Available at SSRN: https://ssrn.com/abstract=3408643

Konarasinghe, W.G.S (2018). Sama Circular Model on Forecasting Tourist Arrivals to SriLanka. Proceedings of the International Conference on Advances in Pure & Applied Mathematics 2018, Madurai Kamaraj University, Madurai, Tamil Nadu, India. 19.. Available at SSRN: https://ssrn.com/abstract=3408484

Konarasinghe, W.G.S (2018). Improved Circular Model on Forecasting Arrivals from Western European Countries to Sri Lanka. 4th ISM International Statistical Conference (ISM-IV) of Sunway University, Malaysia. Available at SSRN: https://ssrn.com/abstract=3411481

Konarasinghe, W.G.S (2016). Circular Model for Forecasting Returns of Bank, Finance & Insurance Sector of the Sri Lankan Stock Market. *Proceedings of 5th International Conference of the Sri Lankan Forum of University Economists.* 73-78.

Konarasinghe, W.G.S., Abeynayake, N.R., Gunaratne, L.H.P. (2016). Circular Methods on Forecasting Risk & Return of Hotel & Travel Sector of Sri Lankan Share Market. *Proceedings of International Conference on Business, Economics, Social Sciences & Humanities, Singapore,* 197, (14), 18.

Available at: http://academicfora.com/

Konarasinghe, W.G.S., Abeynayake, N.R., Gunaratne, L.H.P., (2015). Spectral Analysis on Forecasting Sri Lankan Share Market Returns. *Proceedings of Academics World 7th International Conference,* Bangkok, Thailand, 13-18.

http://worldresearchlibrary.org/

Konarasinghe, W.G.S., Abeynayake, N.R., Gunaratne, L.H.P.,(2015). Fourier analysis on Modeling Sector Returns of Sri Lankan Share Market. *Conference Proceedings of International Conference of Multidisciplinary Approaches- 2015,* Faculty of Graduate Studies, University of Sri Jayewardenepura, Sri Lanka, 135.

Konarasinghe, W.G.S., Abeynayake, N.R., Gunaratne, L.H.P, (2015). Comparison of Time Domain and Frequency Domain Analysis in Forecasting Sri Lankan Share Market Returns. *Proceedings of ISER 2nd International Conference*, Singapore, 1-6.

Konarasinghe, W.G.S., Abeynayake, N.R., (2015). Fourier Analysis on Modeling Stock Returns of Individual Companies in Bank Finance & Insurance Sector of Sri Lanka, Share Market.

Conference Proceedings of 2nd Ruhuna International Science and Technology Conference, Faculty of Science, University of Ruhuna, Sri Lanka, 103.

http://www.sci.ruh.ac.lk/

Konarasinghe, W.G.S., Abeynayake, N.R., (2014). Time Series Patterns of Sri Lankan Stock Returns. *Proceedings of Doctoral Consortium, 11th International Conference in Business & Management,* University of Sri Jayewardenepura, Sri Lanka, 78-95.

Konarasinghe, W.G.S., Abeynayake, N.R.,(2014). ARIMA Models on Forecasting Stock Returns. *Annual Academic Sessions*, The Open University of Sri Lanka, 280.

Konarasinghe, W.G.S., Abeynayake, N.R., (2014).Review of Statistical Modeling in Technical Analysis of Financial Markets. *Conference Proceedings of Wayamba International Conference-2014,* Wayamba University of Srilanka, Kuliyapitiya, Sri Lanka, 300.

Konarasinghe, W.G.S., Abeynayake, N.R.(2014).Covariance Structure of Share Market Returns. *Conference Proceedings of International Conference of Multidisciplinary Approaches- 2014,* Faculty of Graduate Studies, University of Sri Jayewardenepura, Sri Lanka, 93.

Konarasinghe, W.G.S., Abeynayake, N.R. (2014).Modeling Stock Returns of Individual Companies of Colombo Stock Exchange. *Conference Proceedings of the 1st International Forum for Mathematical Modeling- 2014,* Department of Mathematics, University of Colombo, Sri Lanka, 111.

Konarasinghe, W.G.S. & Pathirawasam,C.(2013).The Dynamic Relation between Stock Returns and Trading Volume of Colombo Stock Exchange. *Proceedings of the 2nd International Research Conference on Humanities and Social Sciences 2013 ,* Faculty of Humanities and Social Sciences University of Sri Jayawardanapura, Sri Lanka,119.

Samanthi W.G, Dias, P., Liyanage, L.M., Watugala, G.K. (1999). *Mathematical Models for Rainfall – Runoff Relationships*. Conference Proceedings of Sri Lanka Association for the Advancement of Science-55, p194.

News Paper Articles

Dr. (Mrs.) Samanthi Konarasinghe (02nd June 2018). Does market Beta Revealed the Truth? *The Sunday Observer Weekly News Paper*, *Lake House, Sri Lanka*- Page 17.

TESTIMONIALS

AMSTATNEWS, The Membership Magazine of the American Statistical Association USA, July 2020, Page 32.

AMSTATNEWS, The Membership Magazine of the American Statistical Association USA, July 2018.

ACADEMIC ACHIEVEMENTS

IMRF Best Scientist Award: In Recognition of the consistent superior performance in Statistics- Awarded in International Conference on Advances in Mathematics, Statistics and Computer Science- Andhra Loyola 2019, Andhra Loyola College (Autonomus), Andhra Pradesh,India in November 2019.

Best Paper : International Conference on Advances in Mathematics, Computers & Physical Sciences, Bangkok, Thailand, November 2018.

Best Paper: International Conference on Business, Economics, Social Sciences & Humanities, Singapore in May 2016.

ACADEMIC ACTIVITIES

Key Note Speaker: ICSTR Paris – International Conference on Science & Technology Research, 27-28 January 2022, France. *Title of the speech:* Importance of Economertic Modelling Amidst Covid 19.

Keynote Speaker: Institute of Mathematics and Management Conference on Management & Social Sciences 2021-Canberra.25th and 26th October 2021.Canberra, Australia (Online)Title:Scientific Forecasting on Economic Policy Development

Key Note Speaker: 3rd International Conference on Mathematical, Physical & Computational Sciences (ICMPCS, 2021), 27-28 August 2021. Aurora's Degree & PG College, Andhra Pradesh, India Role of Mathematical Models in Defeating Covid 19 Pandemic. *Title of the speech:* Role of

Mathematical Models in Defeating Covid 19 Pandemic.

Key Note Speaker: 8th ICSTR Singapore – International Conference on Science & Technology Research, 26-27 June, The NUSS, Singapore .*Title of the speech:* Sama Circular Model on Econometrics.

Key Note Speaker: 2nd ICSTR Berlin – International Conference on Science & Technology Research, 14-15 May 2021, Berlin, Germany .*Title of the speech:* Sama Circular Model on Real Life.

Key Note Speaker: ICSTR Berlin – International Conference on Science & Technology Research, 28-29 January 2021, Berlin, Germany .*Title of the speech:* The Sama Circular Modelin Real Life Applications.

Key Note Speaker: Institute of Mathematics and Management Conference on Management & Social Sciences 2020, 16-17 December, Melbourne, Australia. *Title of the speech:* Use and Misuse of Statistics in Management and Social Science Research

Key Note Speaker: Institute of Mathematics and Management Conference on Mathematical & Biological Sciences 2020, 29-30 October, Melbourne, Australia. *Title of the speech:* The Sama Circular Model on Real Life.

Key Note Speaker: International Conference on Science & Technology Research, 15 May 2020, Malaysia (Online). *Title of the speech:* The Role of Mathematics in the Overall Curriculum.

Key Note Speaker: 2020 – 2nd International Conference on Research in Life-Sciences & Healthcare (ICRLSH), 06-07 March, Melbourne. *Title of the speech:* Use and Misuse of Statistics in Life-Sciences & Healthcare.

Key Note Speaker: 2nd ICSTR Singapore – International Conference on Science & Technology Research, 15-16 March 2019, Singapore. *Title of the speech:* Sama Circular Indicator on Measuring Risk of Returns

Key Note Speaker: International Conference on Modern Trends in Mathematics, Postgraduate & Research Department of Mathematics, Hajee Karutha Rowther College,Tamil Nadu, India in September 2018. *Title of the speech: "Mathematical Models for Real Life".*

Plenary Speaker: International Conference on Advances in Mathematics, Statistics and Computer Science- Andhra Loyola 2019, Andhra Loyola College (Autonomus), Andhra Pradesh,India. *Title of the Speech: Sama Circular Model and ARIMA on Forecasting Consumer Price Index of India.*

Plenary Speaker: International Conference on Recent Trends in Botany, Zoology, Microbiology & Biotechnology- Andhra Loyola 2019, Andhra Loyola College (Autonomus), Andhra Pradesh, India in November 2019. *Title of the Speech: "Mathematical Modelling and Biostatistics".*

Speaker: International Webinar on Sama Circular Model and ARIMA on Forecasting Consumer Price Index of India organized by AURORA'S Degree and PG College, Hyderabad, India in August 2020.

Guest Speaker: International Conference on Contemporary Issues in Business Management– 2021 (ICCIBM-2021), Sikkim Manipal University, India. *Title of the speech:* Mathematical Models for Share Market Investments

Invited Speaker: International Symposium on Recent Trends in Management Research, SMIT, Sikkim, India. 26th August 2021. *Title of the speech:* Trends in Business Research & Publication Ethics.

Invited Speaker: International Virtual Conference (ICSTC-2020) of Department of Statistics, University of Kerala, India in December 2020. *Title of the speech:* Role of Statisticians to Face the Challenges in Twenty-First Century

Invited Speaker: International Virtual Conference on Prof. CR Rao's School of Thought on Statistical Sciences, Pondicherry University, India in November 2020. . *Title of the speech: Role of Statistical Models in Real Life.*

Invited Speaker: International Webinar organized by Department of Psychology, Asutosh College, India in September 2020. *Title of the speech:* Use and Misuse of Statistics in Social Scientifc Research

Invited Speaker: International Webinar in Pure and Applied Mathematics, MVN JS & RVR College of Science and Arts, Andhra Pradesh, India in June 2020. *Title of the speech:*

Mathematical Models for Real Life.

Invited Speaker: International Conference on Computational Genomics and Proteomics, Vivekanadha College of Arts & Science for Women, Namkkal Dt., Tamil Nadu, India in February 2019. *Title of the speech: "Use & Misuse of Statistics in Biological Studies".*

Invited Speaker: Academics World 7th International Conference, Bangkok, Thailand in May 2015. *Title of the speech: "Spectral Analysis on Forecasting Sri Lankan Share Market Returns".*

Special Lecture: Department of Mathematics, Kasetsart University, Bangkok, Thailand.

Title of the lecture: "Mathematical Models for Real Life".

Special Talk: International Conference on Advances in Pure & Applied Mathematics 2018, Madurai Kamaraj University, Madurai, Tamil Nadu, India in September 2018. *Title of thespeech: "Sama Circular Model on Forecasting Tourist Arrivals to Sri Lanka".*

Special Talk: International Multidisciplinary Research Conference, Thailand, 2018. *Title of the speech: "Sama Circular Model on Forecasting Sri Lankan Stock market Indices".*

Resource Person: Five Day International Webinar on "Promoting Quality Research, Skills and Innovation in Higher Education". JMJ College for Women, India, 7th to 1th March, 2022. *Topic of the speech: Emerging Trends in Research & Publication Ethics*

Resource Person: Online Refresher Course on Economic Policy, UGC-Human Resource Development Centre, Rani Durgawathi Vishva Widyalaya, Jabalpur, MP, India, 23 August-04 September 2021

Resource Person: Virtual Short term Training Program on Data Science and Statistical Applications, Department of Statistics, Bharathiar University, Coimbatore, India,
15-22 March 2021

Resource Person: Webinar of Department of Psychology, ASUTOSH College, India in September 2020. *Topic of the speech: "Use and Misuse of Statistics in Social Scientific Research".*

Resource Person: International Webinar on Sama Circular Model and ARIMA on Forecasting

Consumer Price Index of India, Aurora's Degree and PG College, Hyderabad, India in August 2020. *Topic of the speech:* "*Sama Circular Model and ARIMA on Forecasting Consumer Price Index of India*".

Resource Person: International Webinar on Pure and Applied Mathematics, MVN JS & RVR College of Arts and Science, Malikipuram, Andhra Pradesh, India in June 2020. *Topic ofLecture:* "*Mathematical Models for Real Life*".

Resource Person: International Conference on New Frontiers in Mathematics and Computing, Lady Doak College, Madurai, Tamil Nadu, India in February 2019. *Topic of Lecture:* "*Sama Circular Model on Capital Market Investment*".

Resource Person: International Conference on Advances in Mathematics, Annai Women's College, Karur, Tamil Nadu, India in February 2019. *Topic of Lecture:* "*Mathematical & Statistical Models for Real Life*".

Resource Person: International Conference on Recent Advances in Analysis and itsApplications of Mathematical & Statistical Modeling-2019, Department of Mathematics & Statistics, Vivekanandha College of Arts & Science for Women, Namkkal Dt., Tamil Nadu, India in February 2019. *Topic of Lecture:* "*Sama Circular Model & Sama Circular Indicator for Real Life*".

Resource Person: International Conference on Recent Developments in Mathematical Sciences, Nadar Saraswathi College of Arts & Science, Theni, Tamil Nadu, India in September 2018. *Topic of lecture:* "*Mathematical Models for Rainfall –Runoff Relationship*".

Conference Chair: ICSTR Paris – International Conference on Science & Technology Research, 27-28 January 2022, France

Conference Chair: 8th ICSTR Singapore – International Conference on Science & Technology Research, 26-27 June, the NUSS, Singapore

Conference Chair: 2nd ICSTR Berlin – International Conference on Science & Technology Research, 14-15 May 2021, Berlin, Germany.

Conference Chair: ICSTR Berlin – International Conference on Science & Technology Research, 28-29 January 2021, Berlin, Germany

Conference Chair: Institute of Mathematics and Management Conference on Mathematical & Biological Sciences 2020, 29-30 October, Melbourne, Australia.

Conference Chair: Institute of Mathematics and Management Conference on Management & Social Sciences 2020, 16-17 December, Melbourne, Australia.

Conference Chair: 2020 – 2nd International Conference on Research in Life-Sciences & Healthcare (ICRLSH), 06-07 March, Melbourne

Conference Chair: International Conference on Science & Technology Research, 15 May 2020, Malaysia (Online).

Conference Chair: 2nd ICSTR Singapore – International Conference on Science & Technology Research, 15-16 March 2019, Singapore

Conference Track chair: International Conference on Advances in Pure & AppliedMathematics 2018, Madurai Kamaraj University, Madurai, Tamil Nadu, India, September 2018.

Conference Track chair: Academics World 7th International Conference, Bangkok, Thailand in May 2015.

Conference Track chair/ Rapporteur: International Conference on Advances in Mathematics, Computers & Physical Sciences, Bangkok, Thailand, November 2018.

Chief Guest: International Conference on Advances in Mathematics, Statistics and Computer Science- Andhra Loyola 2019, Andhra Loyola College (Autonomus), Andhra Pradesh, India in November 2019.

Chief Guest: International Conference on Advances in Mathematics, Annai Women's College , Karur, Tamil Nadu, India in February 2019.

Chief Guest: International Conference on Recent Advances in Analysis and its Applications of Mathematical & Statistical Modeling-2019, Department of Mathematics & Statistics,

Vivekanandha College of Arts & Science for Women, Namkkal Dt., Tamil Nadu, India in February 2019.

Chief Guest: International Conference on Modern Trends in Mathematics, Postgraduate & Research Department of Mathematics, Hajee Karutha Rowther College, Tamil Nadu, India in September 2018.

Guest of Honor: International Conference on Recent Trends in Botany, Zoology, Microbiology & Biotechnology- Andhra Loyola 2019, Andhra Loyola College (Autonomus), Andhra Pradesh, India in November 2019.

NEW FINDINGS

Circular Model (CM)

Circular Indicator (CI)

Sama Circular Model (SCM)

Damped Circular Model (DCM)

Forced Circular Model (FCM)

MEMBERSHIPS

- Member of Statistical Society of Australia (SSA), Australia

- Member of American Statistical Association (ASA), USA

- Member of Institute of Applied Statistics (IASSL), Sri Lanka

- Member of National Science Foundation (NSF), Sri Lanka

ACADEMIC POSITIONS
- Examiner: PhD Thesis

- Statistical Consultant‐ American Statistical Association (ASA), USA

- Editor in Chief- Journal of New Frontiers in Mathematics & Statistics; Journal of New Frontiers in Economics & Business; Journal of New Frontiers in Healthcare & Biological Sciences; Journal of New Frontiers in Education & Social Sciences, published by Institute of Mathematics and Management, Sri Lanka

- Editorial Member - American Journal of Theoretical And Applied Statistics (AJTAS) published by Science Publishing Group, USA.

- Advisory member- STRA – Scientific and Technical Research Association,

  https://straweb.org/home-3/officers/

- Technical/ Scientific Conference Committee member- STRA – Scientific and Technical Research Association

  https://straweb.org/conference/technical-committee/

- Advisory Board Member (International), International Conference on Contemporary Issues in Business Management–2021 (ICCIBM-2021), Sikkim Manipal University, India

  https://www.iccibm.com/#advisory_committee

RESEARCH INTERESTS

Mathematical/ Statistical Model Development

Tourism & Hospitality

Econometrics

Gender Economics

Indigenous Research

AWARDS & PRICES

- IMRF Best Scientist Award: In Recognition of the consistent superior performance in Statistics-2019 in India.

- Best Actress: Annual drama festival of University of Peradeniya, Sri Lanka in 1992.

- Best Actress: Annual drama festival of University of Peradeniya, Sri Lanka in 1994.

- Won the awards for; Short story, Poetry, Drama, Playing Instruments (violin).

SCHOOL & COMMUNITY ACTIVITIES

- **Musician**

  o Diploma holder in Eastern Classical music- Bathkande Sangeeth Vidyapith, India.

  o Had been a member of the University Orchestra of University of Peradeniya.

  o Had been a member of the orchestra of 'Gandharwa Sabha', University of Peradeniya.

- **Drama Producer / Script Writer**

  o The Drama 'Kiri Muttiya Gange Giya' for the annual Drama Competition of University of Peradeniya in 1992.

  o The drama 'Vangagiri' for the annual Drama Competition of University of Peradeniya in 1994.

  o The drama 'Vangagiri', for the Annual competition of Sri Lanka Youth Council in 1997.

  o Have taken part in the dramas produced by Mr. Gamini Haththotuwegama who was a famous street & stage drama producer in Sri Lanka.

- **Arts**

  o Had Solo art exhibition "My Dream**"** at Lionel Wendt Art Gallery, Sri Lanka in 2003.

PERSONAL DETAILS

Permanent Address   : 312/8, Ekamuthu Mawatha, Ranla 10654, Sri Lanka

Date of Birth   : 04th November 1968

National ID Number: 196880900300

Passport Number   : N 8215508

Working With Children Check: WWC2455160E

Nationality   : Sri Lankan

Gender   : Female

Civil Status   : Married

School Attended   : Devi Balika Maha Vidyalaya, Colombo 08, Sri Lanka