

# IASSL



# Institute of Applied Statistics Sri Lanka

(Incorporated by Parliament Act No. 38 of 2011)



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Mw, Colombo 7.



[www.iassl.lk](http://www.iassl.lk)



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**IASSL (The Only Professional Organization of Statisticians in Sri Lanka)**

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## WHO WE ARE

Institute of Applied Statistics, Sri Lanka has been incorporated by the Parliament of Sri Lanka on 20th September 2011 by the Institute of Applied Statistics, Sri Lanka (Incorporation) Act No. 38 of 2011. This is the successor of the former Applied Statistics Association, Sri Lanka (ASASL) established in 1999. IASSL is a member of the Organization of Professional Associations (OPA) of Sri Lanka.



## Objectives of the Institute

- To promote and assist the advancement of Applied Statistics for furtherance of research, development, education, training and extension.
- To undertake and/or collaborate in the preparation, publication and dissemination of useful information pertaining to Applied Statistics by means of seminars, lecture series and articles in a Journal edited and published under the name of "Sri Lankan Journal of Applied Statistics" to foster the training of research workers.
- To undertake research in the area of Statistics with the object of improving experimental techniques, statistical methods and data analysis.
- To co-operate with governmental and non-governmental organizations, national and international institutes engaged in work related to statistics in order to promote research, development, education, training and extension.
- To promote professional interests of the members of the Institute.



# **Executive Council Members of IASSL**



# EXECUTIVE COUNCIL MEMBERS 2023

The 11th Annual General Meeting of the Institute of Applied Statistics Sri Lanka was held on 2nd April 2023 at the Auditorium of the Professional Centre (OPA). All the life Members were Invited for the occasion. The New Executive council was appointed at the AGM for the year 2023.



**Prof. R. O. Thattil**

(the first Fellowship of the Institute of Applied Statistics and IASSL membership number 01)



# Executive Council Members 2023



**President/ IASSL**  
Dr. Niroshan Withanage  
Department of Statistics,  
Faculty of Applied Sciences,  
USJ.



**Immediate Past President/ IASSL**  
Dr. Chitraka Wickramarachchi  
Department of Statistics,  
Faculty of Applied Sciences,  
USJ.



**Vice President/ House & Finance  
Management Committee  
Chairperson/ IASSL**  
Prof. Kapila T. Rathnayake  
Faculty of Applied Sciences, SUSL.



**Secretary/ IASSL**  
Dr. Rajitha M. Silva  
Department of Statistics,  
Faculty of Applied Sciences,  
USJ.



**Treasurer/ IASSL**  
Priyath De Silva  
Vice President / OPA  
Former Director Investments,  
Ministry of Nation Building.



**Editor/ IASSL**  
Prof. N. Vasana Chandrasekara  
Department of Statistics &  
Computer Science,  
Faculty of Science,  
UOK.



**Associate Editor**  
Dr. Isuru Hewapathirana  
Software Engineering  
Teaching Unit,  
Faculty of Science,  
UOK.



**Chairperson/ Academic  
Training Committee**  
Mr. Sampath Hapuarachchi  
Faculty of Applied Sciences,  
SUSL.



**Chairperson/ Statistics  
Popularization Committee**  
Prof. L.D.B. Suriyagoda  
Department of Crop Science,  
Faculty of Agriculture,  
UOP.





**Assistant Secretary**  
**Dr. Wasana Wijesuriya**  
**(Retired).**  
 Principal Research Officer,  
 Rubber Research Institute  
 of Sri Lanka.



**Chairperson/ R & D Committee**  
**Dr. A.P.G.S. De. Silva**  
 Former Director,  
 Department of Census and  
 Statistics,  
 Sri Lanka.



**Assistant Treasurer**  
 Mrs. Padma Yatapana  
 (Retired)  
 Division of interdisciplinary  
 studies, Institute of Technology  
 UOM.



**Executive Council Member**  
 Prof. C. D. Tilakaratne  
 Department of Statistics,  
 Faculty of Science,  
 UOC.



**Executive Council Member**  
 Prof. S. Samita  
 Department of Crop Science,  
 Faculty of Agriculture,  
 UOP.



**Executive Council Member**  
 Mrs. DABN Amarasekara  
 Department of Crop Science,  
 Faculty of Agriculture,  
 UOR.



**Executive Council Member**  
 Prof. T. Sivananthawerl  
 Department of Crop Science,  
 Faculty of Agriculture,  
 UOP.



**Executive Council Member**  
 Dr. Chathuri Jayasinghe  
 Department of Statistics,  
 Faculty of Applied Sciences,  
 USJ.



**Executive Council Member**  
 Dr. Bashitha Kavinga  
 Department of Statistics  
 & Computer Science,  
 Faculty of Science,  
 UOK.



**Ex Officio**  
 Department of Census and Statistics,  
 Sri Lanka.



**Executive Council Member**  
 Dr. Priyadarshana Dharmawardena  
 Senior Statistician,  
 Department of Census and  
 Statistics,  
 Sri Lanka.



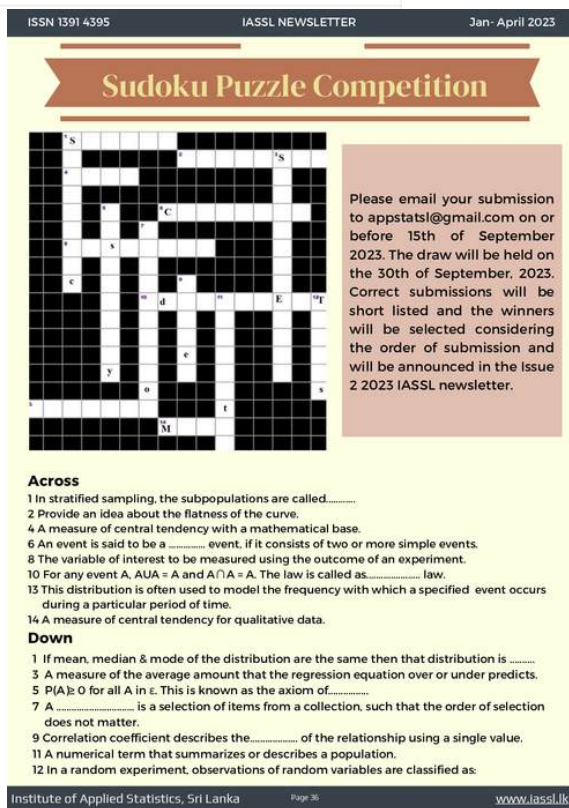


# **Sub-Committees of IASSL**

# Editorial Board

- Editor - Prof. N. V. Chandrasekera
- Associate Editor - Dr. Isuru Hewapathirana
- Member - Prof. C. D. Thilakaratne
- Member - Prof. S. Samita
- Member - Dr. Hasanthi Pathberiya
- Member - Dr. C. Jayasinghe

**Responsible for all the publications of the IASSL. This includes the "Sri Lankan Journal of Applied Statistics" and Newsletters.**



[Sri Lankan Journal of Applied Statistics](http://www.srilankanjournalofappliedstatistics.lk)

[Newaletter - www.iasssl.lk](http://www.iasssl.lk)

# **House & Finance Management Committee - H & FMC**

- **Chairperson - Prof. Kapila Rathnayake**
- **Treasurer/IASSL - Mr. Priyath De Silva**
- **Asst. Treasurer/IASSL - Mrs. Padma Yatapana**
- **Secretary/ IASSL - Dr. R. M. Silva**
- **Asst. Secretary/ IASSL - Dr. Wasana Wijesuriya**
- **Member - Prof. S. Samita**
- **Member - Dr. A. P. G. S. De Silva**
- **Member - Eng. S. Vaikunthan**



**Responsible to the Ex-Co of IASSL on financial affairs, institutional memberships, maintaining the office and the administration of office staff.**



# **Statistics Popularization Committee - SPC**

- **Chairperson - Prof. L. D. B. Suriyagoda**
- **Asst. Treasurer/IASSL - Ms. Padma Yatapana**
- **Secretary/ IASSL - Dr. Rajitha M Silva**
- **Member - Dr. C. Jayasinghe**
- **Member - Ms. Heshani Achinthika Mendis**
- **Member - Mrs. Kithmini Peiris**
- **Member - Mr. S. Santharooban**
- **Member - Ms. Navodi Mekhala Hakmanage**
- **Member - Dr. T. Sivananthawerl**



# Expected to popularize statistics among students and the general public.



**Institute of Applied Statistics Sri Lanka (IASSL)**

## FREE SEMINAR ON ADVANCED LEVEL STATISTICS

Organized by IASSL

Online or Onsite (at your school)

**For A/L Students and Teachers of Combined Mathematics Business Statistics**

+94-11-258 8291

If you wish to organize a seminar through IASSL in your school/zone, please send your request to [appstats@gmail.com](mailto:appstats@gmail.com)



Conducted by State University Lecturers

[www.iasl.lk](http://www.iasl.lk)

Institute of Applied Statistics, Sri Lanka has been incorporated by the Parliament of Sri Lanka



### Sri Lankan Youth excel at National Statistics Olympiad and dazzle at International Competition!

27 May 2022

Chamali's outstanding performance has made the entire nation proud and underscored the exceptional talent of Sri Lankan students.

The National Statistics Olympiad is a highly anticipated event that allows students to showcase their knowledge in statistics and compete against talented peers from different parts of the country.

\* Sri Lanka has always been a country that values education. Sri Lankan youth are always being encouraged to excel in academic pursuits. Regarding the Institute of Applied Statistics Sri Lanka (IASSL) hosts the National Statistics Olympiad in December last year, at the University of Sri Jayawardenapura. According to a press release issued by IASSL, the aim of the competition was to popularize the subject of statistics among schools and university students across the country.

The National Statistics Olympiad is a highly anticipated event that allows students to showcase their knowledge in statistics and compete against talented peers from different parts of the country.

The competition was held in two categories for competitors: Junior and Senior. The top three scorers in each category along with the merit pass holders from the national level competition then competed the 13th Statistics Olympiad - 2022 organized by the C. R. Rajaguru Institute of Mathematics, Statistics, and Computer Science (JRMSSCS), India, which was held on the 29th of January, 2023.

In a remarkable display of talent and hard work, Ms. T. A. Suketha Chamali, a student from the University of Colombo, won the First Place in the Senior category of the Statistics Olympiad 2022 competition organized by JRMSSCS. Ms. Chamali's outstanding performance has made the entire nation proud and underscores the exceptional talent of Sri Lankan students.

Furthermore, it is also noteworthy to mention that Sri Lankan students dominated the Statistics Olympiad competition organized by JRMSSCS. Ten of our senior category competitors were placed among the top twenty places while two places in the Junior category, including the 30th place were won by our Sri Lankan students. The 30th place in the Junior category was won by Mr. M. A. Vishnu Rajan Fernando from Lyan International School - Panadura. This impressive feat highlights the remarkable talent among Sri Lankan youth in the field of statistics.

The National Statistics Olympiad is one of the main events organized by the IASSL to engage with the community and promote the use of statistics and at the same time improve the statistics knowledge and skills among students across the country. With its long history, the Statistics Olympiad competition has become a highly anticipated event among schools and parents alike. The IASSL has been recognized by the Indian Institute as an exam center for their prestigious Statistics Olympiad examination, which further enhances the reputation of the IASSL and the Sri Lankan statistics community as a whole. To add value to the event the IASSL has collaborated with Sri Lankan state universities in organizing the event, allowing them to tap into the expertise of statisticians in academia.

The achievements of the National Statistics Olympiad winners are a testament to the exceptional talent and hard work of Sri Lankan youth. These young minds are the future of the country, and we are confident that they will continue to make us proud with their academic achievements.

#### LATEST NEWS

Post-graduate to be increased from Tuesday Minister  
28 May 2022 4 hours ago

NPP to launch Arayaaya from June 8 to obtain 100 public JRC  
28 May 2022 4 hours ago

Lankan passenger from Australia dies on board  
28 May 2022 7 hours ago


Separate court to be set up for beer tax related cases: Minister  
28 May 2022 8 hours ago

10th birth anniversary of the late Ven. Madhucwara Subbala Thero  
28 May 2022 8 hours ago



**Business Statistics**

2022/11/22




## Thank you!

Statistics Popularization Committee

IASSL

[www.iasl.lk](http://www.iasl.lk)  
[www.facebook.com/iasl2020/](https://www.facebook.com/iasl2020/)





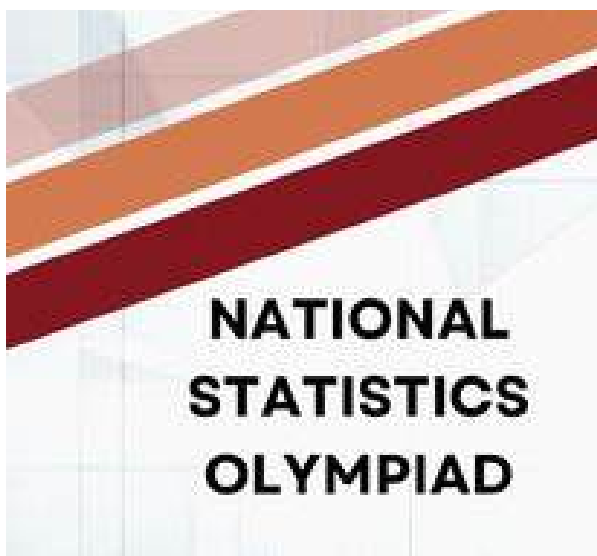
**National Statistics Olympiad - 2022**

Organized by Institute of Applied Statistics Sri Lanka

# NATIONAL STATISTICS OLYMPIAD

**IASSL organizes the National Statistics Olympiad annually with the aim of popularizing Statistics among schools and university students across the country.**

**The winners get the chance to take part in the International Statistics Olympiad organized by C. R. Rao Advanced Institute of Mathematics, Statistics, and Computer Science (AIMSCS).**





# **Academic Training Committee - ATC**

- **Chairperson - Mr. Sampath Hapuarachchi**
- **Asst. Treasurer - Mrs. Padma Yatapana**
- **Member - Prof. Rupika Abeynayake**
- **Member - Dr. Priyanga Talagala**
- **Member - Mr. Janaka Updendra Sampath**
- **Member - Dr. Neluka Devpura**
- **Member - Dr. Shanika Thathsarani**
- **Member - Mrs. D. A. B. N. Amarasekara**

# Diploma in Applied Statistics & Higher Diploma in Applied Statistics



# Organizes,

- *Certificate Courses (Short Courses).*
- *Diploma in Applied Statistics.*
- *Higher Diploma in Applied Statistics.*

## **Courses for Bankers , Managers, Researchers**

- **Business Statistics and Statistical Quality Control**
- **Survey Design and Analysis**
- **Modeling Financial Time Series via Eviews**
- **Research Methodology**
- **Modeling Time Series Data via Eviews**
- **Time Series Analysis for Forecasting**
- **Modeling with R**
- **Business Intelligence in action "Power BI"**
- **Modelling of Binary, Ordinal and Nominal outcome variables**
- **Business Analytics using Power BI**
- **Tableau for Business Analytics**
- **DATA Visualisation with R and Python**
- **Data Analysis or Excel for Business Analysis**

## **Other Courses**

- Basic Statistics for Managers and Researchers
- Multivariate Data Analysis (Minitab Based)
- Statistical Computing with R
- Statistical Packages for Data Analysis
- Data Analysis and Interpretation with SPSS
- Data Mining Techniques in Statistics, Multivariate Approaches
- Time Series Analysis for Forecasting (For Dep. Of Man power & Employment)

- Application of Advanced Quality Control Schemes for Cost Reduction via Minitab
- Application of Forecasting Techniques
- Factor Analysis for Social Science Research Using SPSS
- Medical Statistics
- Statistical Methods for Big Data Analysis
- Applied Statistics for Health Information Management (For Health Ministry)
- Immovable Property Valuation (Jaffna Provincial Council)
- Analysis of Survey Data Using STATA
- Principal Component Analysis (PCA) and Factor Analysis (FA) in SPSS
- Structural Equation Modelling with AMOS and SmartPLS
- Survey Design & Analysis
- Data Driven Decision Making (DDDM) using Statistical Modeling via SPSS
- Factor Analysis for Decision Making (FADM)
- Data Analysis with R
- Basic Statistical Analysis Tools using STATA (For Doctors)
- Multivariate TSA and Modeling Volatility
- Data Analysis for Social Science
- Basic Statistical Analysis Tools using STATA
- Artificial Neural Networks with R
- Basic-Panel-Data-Analysis-using R & STATA
- Qualitative Data Analysis
- Systematic Literature Review with Bibliometric Analysis a way of manuscript writing
- Qualitative Analysis and Writing
- Experimental Designs and Analysis



# **Research & Development Committee - R & DC**

**Co-Chairperson- Dr. A. P. G. S. De Silva**

**Co-Chairperson - Dr. D. C. Wickramarachchi**

**Asst.Treasurer - Mrs. Padma Yatapana**

**Member - Prof. K. A. P. Siddhisena**

**Member - Dr. Hasanthi Pathberiya**

**Member - Mr. D.C.A. Gunawardene**

**Member - Mr. Nandana Gunarathne**

**Member - Ms. Desha Fernando**

**Member - Ms. Theja Sanduni**

**The Research and Development Committee undertakes studies, surveys or research projects out- sourced by other Institutes or organizations as per the objectives with the approval of the Ex-Co.**



From left: IASSL past President and present Council Member Dr. A.R.G.S. De Silva, President Dr. Chitraka Wickramarachchi, Almas Group Director Risvi Abdul Majeed and Director Dr. Harshana Suriyapperuma

The Institute of Applied Statistics Sri Lanka announces,  
**Best Research Award-2022**  
 (Undergraduate/Postgraduate/Open Category)

The IASSL, incorporated by the Parliament of Sri Lanka under the Act No. 38 of 2011, is the only professional body of statisticians in Sri Lanka. It is also a member of the Organization of Professional Associations (OPA) of Sri Lanka.

**To Whom....?**

Those who have successfully completed a research with the development or application of Statistics/Applied Statistics

**Undergraduate / Postgraduate Category**

- Research work undertaken for the fulfillment of an Undergraduate / a Post-graduate degree requirement in a Sri Lankan University will be considered for the award.
- A research Project Report (in the case of Undergraduate), or Thesis/ Directed Study/ Independent Study/ Project Report (in the case of Post-graduate) must have been submitted for the research work.
- The work should demonstrate development/ application of statistical methods.
- The effective date of the relevant degree program should be between 01<sup>st</sup> January 2022 to 31<sup>st</sup> December 2022.

**How Many**

For each category  
The Winner and Two Runners-up will be Selected and Awarded

**Open Category**

- A research article published will be considered for the award
- The article should not be based on the work submitted for a requirement of a degree
- The work should demonstrate development/ application of statistical methods
- The date of the relevant article published should be between 01<sup>st</sup> January 2022 to 31<sup>st</sup> December 2022
- Affiliation must be in Sri Lanka

**Applications will be closed on**  
**10<sup>th</sup> February 2023**

**For further details please contact :**

Prof. (Dr.) R.M. Kapila Tharanga Rathnayaka,  
 Chairperson/ Research & Development Committee IASSL

Mobile : 071-4524010  
 Email : [hathar@iassl.lk](mailto:hathar@iassl.lk)  
[kapila.iassl@gmail.com](mailto:kapila.iassl@gmail.com)

**Contact us**

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 275/75 Prof. Stanley Wijesundera Mawatha,  
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Facebook: Institute of Applied Statistics Sri Lanka (Facebook)

**How to Apply**

- Fill an application form that can be downloaded from the IASSL website: [www.iassl.lk](http://www.iassl.lk)
- The extended abstract (consisting of 1200 – 1500 words- English only) should be submitted along with the application
- For the Undergraduate category it should be the extended abstract of the research project Report
- For the postgraduate category it should be the extended abstract of the Thesis/ Directed Study/ Independent Study/ Project report.
- For the Open category it should be the extended abstract of the article.

**Note:** An applicant is eligible to submit only one application for one category, and an applicant is eligible to submit applications for many categories.



# MoU with Almas Holdings

“An integral aspect of an index is the statistical basis used; therefore, it is important to get the expertise on technical aspects from the best. The premier institution on statistical input in Sri Lanka is the Institute of Applied Statistics, Sri Lanka (IASSL) which is incorporated by an Act of Parliament”.

The IASSL has come to a collaborative partnership with Almas Holdings. Almas Equities (former Assetline Securities) is one of the founding members of the Colombo Stock Exchange with a history spanning over 30 years. Both parties signed a memorandum of understanding on 2nd of February 2023 at the IASSL office.



*From left: IASSL past President and present Council Member Dr. A.P.G.S. De Silva, President Dr. Chitraka Wickramarachchi, Almas Group Director Risvi Abdul Majeed and Director Dr. Harshana Suriyapperuma*



# Collaboration with the Department of Census and Statistics (DCS)

The Institute of Applied Statistics, Sri Lanka (IASSL) and the Department of Census and Statistics (DCS) have joined forces in order to promote the advancement of Applied Statistics in Sri Lanka. The DCS, with their mission of providing accurate and timely statistics to contribute to the socio-economic development of the country, recognizes the value of collaboration with IASSL to further their goals.



As part of this collaboration, IASSL was invited to conduct an awareness program at the DCS to share their objectives and benefits to members. The program was held on the 14th of February, 2023 at the DCS auditorium. IASSL's main objective is to promote and assist the advancement of Applied Statistics for research, development, education, training, and extension. IASSL also collaborates with governmental and non-governmental organizations, as well as national and international institutes engaged in work related to statistics.





# **Collaboration with Survey Research Lanka (PVT) Ltd. from 2021**

Under this collaboration, Survey Research Lanka (PVT) Ltd. aims to take the service of IASSL expert panel to create differentiated research products using advanced analysis and analytics using data that will be provided by SRL. These products are expected to provide new knowledge and insight to its clients in order to enhance the scientific validity of their actions that would be taken based on research conducted by SRL.

## **Artificial Interligence and Big Data Analytics projects**

The project aimed to showcase value-added analysis by IASSL and facilitate SRL to configure such analytical operations to SRL analysis systems to ensure output of this assignment is added to the overall data analysis frame work of SRL.



# Panel of Consultants



***Prof. R. O. Thattil***

Emeritus Professor, University of Peradeniya

Born on January 26, 1948, Raphal Ouseph Thattil hails from Wattala, a town close to the capital, Colombo. He completed his primary education at St. John's College, Dematagoda, and his secondary education at St. Benedict's College, Kotahena. He entered the Faculty of Agriculture and Veterinary Science at the University of Peradeniya in 1969 and graduated with a B.Sc. (Agric) in 1973.

He was awarded a scholarship by USAID in 1981 to complete a Ph.D. degree in Statistics at the Virginia Polytechnic Institute and State University (VPI and SU), Virginia, USA. On his return from the USA after completing his Ph.D. in 1985, he was appointed as a Lecturer to the Department of Crop Science. He was later promoted to Senior Lecturer (1989), Associate Professor (1994), Professor (1999), and Senior Professor (2007). He retired in 2014 as an Emeritus Professor of the University of Peradeniya.

Prof. Thattil has taught several subjects, including Basic Statistics and Mathematics, Microeconomics, and Design and Analysis of Experiments, at both the undergraduate and postgraduate levels. He has also published over 75 articles in recognized journals on the development of techniques of statistical analysis, experimental designs for agronomic experiments, and statistical methodology for stability analysis, among other topics. Moreover, he has contributed to national matters by introducing the Z score as an alternative to the total aggregate of marks used for University admission previously. He has served as a member of the committee on admission policy to universities, a statistical consultant to the University Grants Commission (UGC) on the formulation of the merit list for medical interns, and a consultant statistician to all research institutes in the country. He founded the Applied Statistic Association of Sri Lanka in 1999, which achieved the status of Institute of Applied Statistics of Sri Lanka about a decade ago, and was appointed as the first fellow of the Institute in 2012.



***Prof. L. H. P. Gunaratne***

Emeritus Professor, University of Peradeniya

Emeritus Professor Gunaratne has obtained a B.Sc. Agriculture degree with a First Class from the University of Peradeniya in 1988. In addition, he holds a B. Sc degree in Statistics. In 1991, he won the East-West Center scholarship of the US Educational Foundation and obtained M.Sc. and Ph.D. degrees from the University of Hawaii at Manoa, USA. He was attached to the Faculty of Agriculture of the University of Peradeniya and retired as a Senior Professor in 2022.

As a university teacher, Professor Gunaratne has been involved in teaching a wide range of Statistics subjects including Business Statistics, Sampling Methods, Econometrics, and Quantitative Management Techniques at the Faculty of Agriculture, PGIA, and PGIS during the last 25 years. His research interests lie in applying Statistics in Business Management, Environmental Economics, and Production Economics. He has authored over 60 research publications in refereed journals, over 70 conference proceedings, and seven books. He is a recipient of Presidential awards and the SUSRED award for excellence in research. He has provided professional services as an Econometrician for a number of projects funded by local and international organizations.

Emeritus Professor L.H.P. Gunaratne is a pioneering member of the Applied Statistics Association of Sri Lanka and served as the first Treasurer. He was the Chief Editor of the Sri Lanka Journal of Applied Statistics during 2005-2007. He was the President of the IASSL in 2013.

### ***Prof. Shelton Peiris***

University of Sydney, Australia



Prof. Shelton Peiris did his PhD at Monash University, Melbourne, Victoria. After graduating from Monash in 1987, he tutored at the Department of Econometrics (Monash University) and lectured at the University of Moratuwa and the University of Melbourne before joining the Statistics Department in 1990. He has been here ever since except for visiting appointments at the University of Waterloo (1993), the University of Manitoba (1997), the University of Iowa (1997), Thaksin University (1998), Pennsylvania State University (2002) and the University of Malaya (2007, 2010, 2012/2013).

Prof Peiris was the 20th President of Sri Lanka Institute of Architects (SLIA) and his term as President SLIA 1975/76 is remembered for the incorporation of SLIA by a act of Parliament, the initiation of the Board of Architectural Education(BAE) and the recognition of the BSc Built Environment as well as Msc Architecture Degree Programmes at the University of Moratuwa by SLIA, Royal Institute of Architects(RIBA) and the Commonwealth Asociation Of Architects (CAA). For his far sighted contributions to SLIA he was elected an honorary fellow in 1996 and was awarded the GOLD Medal, the highest honor of SLIA in 2000.

### ***Prof. S. Samita***

Department of Crop Science, Faculty of Agriculture, UOP.



Professor S. Samita was the founder Secretary (1999 – 2002), and the second President (2002 – 2005) of the ASASL, which is the predecessor to the IASSL. Prof S Samita obtained his B.Sc. in Agriculture in 1989 followed by M.Phil. in Biostatistics in 1992 from University of Peradeniya.

He obtained his PhD in Statistics/Biostatistics from University of Edinburgh, UK in 1995. He started his academic career at University of Peradeniya in 1990, became a Professor in 2008, and since 2016, he is serving as a Senior Professor at University of Peradeniya. In the field of Statistics, his areas of work include, Categorical Data Analysis, Sampling Techniques, Design and Analysis of Epidemiological Studies and Clinical Trials, Survival data Analysis, and Multivariate Statistical Methods. He has served as the Statistician, and provided Statistical expertise to number of projects funded by local and international organizations. He has published over 75 journal articles, several textbooks and textbook chapters, and over 70 conference proceedings on Statistics and related subjects in local and international journals.

He has received the Presidential award and merit award number of times for his research excellence. He has served as a resource person to more than 100 national and international workshops and short courses. Through his career, apart from gaining experience as an academic and academic administration as a Chief Executive Officer of a national academic institute, he has acquired professional experience and provided services in undertaking surveys, writing survey reports, monitoring and evaluation of projects, project analysis, analysis of data from medical, agricultural and biological studies, sampling and survey data analysis, and developing indices and statistical methods. He has provided these services In Sri Lanka as well as overseas.

## ***Prof.K. A. P. Siddhisena***

Emeritus Professor, University of Colombo.



Professor K.A. Padmasiri Siddhisena is Emeritus Professor of Demography, University of Colombo. He is one of the pioneers in the field of Demography in Sri Lanka. He was the Founder Head of the Department of Demography of the University of Colombo. In addition, he served as the Director of the Demographic Training and Research Unit (DTRU), the Director of Colombo University Community Extension Centre (CUCEC), Acting Dean of the Faculty of Arts.

He holds B.A. (Hons.) and B.Phil (Hons.) in Economics from University of Colombo, M.A. in Demography from Australian National University (ANU), Canberra, and M.Sc and Ph.D. in Population Planning from University of Michigan, Ann Arbor. He served as the Founder Secretary and the President of the Population Association of Sri Lanka (PASL), and the editor of Sri Lanka Journal of Population Studies (SLJPS). His teaching and research spread over a broad range of topics, including fertility and mortality analysis, Migration and Urbanization, Ageing and Elderly Care and Population and Development issues. He served as UNFPA and UNDP Consultant to improve the census data in Bangladesh, Timor Leste and Myanmar. In addition, he served as a Consultant to several research projects of WHO , ILO, UN-ESCAP, World Bank, IOM and WHO .



## ***Dr. Gamini De Silva***

Consultant Statistician United Nations- ESCAP. Former Director Department of Census and Statistics

Dr. de Silva graduated from the faculty of Science in University of Peradeniya and a holder of a Ph.D. in Applied Statistics. Most part of his career he served the Department of Census and Statistics (DCS) for nearly 30 years conducting national sample surveys and censuses, compiling, analyzing and dissemination of socio economic data and developing capacities of technical staff until retiring from service as the deputy head of the DCS to Join the United Nations.

Subsequently Dr. Silva Joined the Statistical Institute for Asia and the Pacific in Tokyo in 2007 as a fulltime Lecturer/Statistician, serving as an employee of UNESCAP for nearly six years serving 55 countries in the Asia Pacific region to build their statistical capacities on Official Statistics. He still continues his services to the UNESCAP as an expert on Data integration for Sustainable development Goals projects.

In 2014 his role as the Lead Consultant in the Joint Needs Assessment (JNA) survey conducted by the United Nations and the Government of Sri Lanka to assess the living conditions of the IDPs in the North and East of Sri Lanka was another millstone in his service as an applied statistician. He worked as a Consultant/ senior lecturer to the Faculty of Applied Sciences at Sri Jayawardenapura University.



**Mr. D. C. A. Gunawardena**

Former Director General - Department of Census and Statistics (Dec 2012-Feb 2015)

Deputy Project Director - Agriculture Modernization Project (World bank)

Formerly, employed as the Head of the Department of Census and Statistics. Had also served as a Consultant with the UNDP/ADB Project on Strengthening Macroeconomic Management and Training in Cambodia for three and a half years having experience for over 36 years in the field of Economic Statistics. He hold a BSc. First Class Degree in Statistics and Mathematics, a Post Graduate Diploma in Economic Statistics from the USA and a Post Graduate Diploma in Applied Statistics from Vidyodaya, Sri Lanka.

Worked as National Coordinator UNIDO Project, Updating of Industrial Statistics, Directory of Sri Lanka, National Coordinator ADB Projects, International Comparison Project (ICP) and National Statistics Consultant, ADB Project, Improving Administrative Data Sources for the monitoring of Millennium Development Goal (MDG) Indicators. Served as a member of the cabinet sub-committee on cost of living under the chairmanship of His Excellency President from 2005 to 2015.

Served as a member in the boards of Hector Kobbekaduwa Agrarian Research Training Institute (HARTI) and the School of Computing in the University of Colombo. Also served as the chairman of the Audit Committee of HARTI. Worked as a member of the Committee on National Information for Evidence Based Decision Making (NIC) under the Ministry of Policy Planning and Economic Affairs and executive member of Institute of Applied Statistics Sri Lanka (IASSL).

Since 2017, he has been the Deputy Project Director of the Agriculture Sector Modernisation Project – Value Chain Development Programme, which is funded by the World Bank under the purview Ministry of Primary Industries (The value of the project is US\$ 125 million). The expected outcomes of the project are: (a) An increased number of smallholder farmers linked to agribusiness in commercial partnerships; (b) Increased benefits by smallholders and rural communities from these partnerships in the form of agricultural income, and employment opportunities; (c) Increased investments in agricultural value chains; (d) Increased value of commercial outputs from value chains.



**Dr. Rajitha M. Silva**

Senior Lecturer, Department of Statistics, University of Sri Jayewardenepura

Dr. Rajitha M. Silva is a Senior Lecturer in the Department of Statistics at the University of Sri Jayewardenepura, Sri Lanka, and the Coordinator of the USJ Statistics in Sports Research Group, the first ever research group in Sri Lanka dedicated to sports analytics. He received his Ph.D. in Statistics from Simon Fraser University, Canada. His research interests include Bayesian methods and applications, and statistics in sports.

As a consultant, he has extensive experience in providing statistical advice and solutions for various sports-related projects, such as improving player/team performance, ranking players, in-game prediction, and evaluating the impact of different strategies. He has also been awarded the SILK Most Outstanding Sports Research Project of the Year award at the 8th SILK SPORTS AWARDS 2022 for his excellence in sports analytics research.





***Dr. Harsha Perera***

Lecturer, Simon Fraser University (SFU), Canada.

Dr. Harsha Perera did his B.Sc (Hons) at University of Peradeniya and then moved to Canada to do his graduate studies. He completed both his M.Sc and PhD in Statistics under the supervision of Prof. Tim Swartz who is a renowned sports analytics personal in North America. Dr. Harsha's entire graduate study was related to cricket where he published six research papers.

Currently, Dr. Harsha is serving as the faculty advisor and the undergraduate program Chair in the Department of Statistics and Actuarial Science at Simon Fraser University, Canada. Moreover, he is serving as an advisory committee member in the Statistics Education Committee of Statistical Society of Canada (SSC) since 2020 June.

# Membership of IASSL

- Fellow members shall be entitled to the use of abbreviated designation **FIASSL**
- General members shall be entitled to the use of abbreviated designation **MIASSL**
- Associate members shall be entitled to the use of abbreviated designation **AIASSL**

## Fellow Members

Fellowships will be awarded at the Annual General Meeting on the recommendation of the Executive Council.

- A General member (lifetime) of the IASSL or the Applied Statistics Association of Sri Lanka for a continuous period of ten years, and
- A distinguished person who has done immense service to the field of Statistics in general or to the Institute in special.

## Honorary Fellow

Honorary Fellowships will be awarded at the Annual General Meeting or at an International Statistics Conference conducted by the IASSL on the recommendation of the Executive Council.

- Any distinguished person who has done immense service to the Statistics discipline in general or to the IASSL in special are eligible to be an Honorary Fellow.

## General Member (Lifetime)

1. A postgraduate Degree in Statistics/Applied Statistics/Bio-Statistics.
2. A Postgraduate Degree in Data Science/ Data Analytics/ Business Analytics or equivalent specialty recognized by the council of IASSL.
3. A postgraduate Diploma in Statistics/Applied Statistics/Bio-Statistics.
4. A bachelor's degree with a minimum of 30 credit courses in the study area of Statistics.

5. A bachelor's degree with a minimum of 15 credit courses in the study area of Statistics,  
and  
- not less than a one-semester (full time) or a minimum of 15 credit research project, in the study area of Statistics.

6. The Higher Diploma offered by the IASSL.

7. A bachelor's degree, or the diploma offered by the IASSL,  
and  
- a minimum of 5 years of experience as a Statistician or equivalent position recognized by the council of IASSL.

### **Associate Member (Annual only)**

1. A bachelor's degree with a minimum of 15 credit courses in the study area of Statistics.
2. The Diploma in Applied Statistics offered by IASSL

### **Corporate Member (Annual or Lifetime)**

- Any public sector or private sector organization that is engaged in statistical work shall be eligible to be enrolled as a corporate member. Corporate members can send one authorized representative to the Annual General Meeting.

### **Student Member (Annual only)**

- Any undergraduate of a degree program where courses in Statistics as a subject of the degree shall be eligible to be a student member.

Application for membership should be made in a prescribed form approved by the Executive Council. It shall be proposed and seconded by general life members.

The Executive Council shall have the power to refuse any application for membership, without giving reasons for such action.

# International Statistics Conferences

- *International Statistics Conference 2011*
- *International Statistics Conference 2014*
- *International Statistics Conference 2017*

## ***The upcoming Conference***

*International Statistics Conference 2024*

***ISC 2024***

*Organized by*

***Institute of Applied Statistics, Sri Lanka (IASSL)***

*In collaboration with*

***The Department of Statistics,***

***University of Sri Jayewardenepura (USJ), Sri Lanka***

*and*

***The Simon Fraser University (SFU)***



SIMON FRASER  
UNIVERSITY

## **International Statistics Conference 2011**

The International Statistics Conference 2011 jointly organized by the Institute of Applied Statistics of Sri Lanka, the School of Mathematics and Statistics, University of Sydney, Australia, and, the Department of Statistics, University of Colombo, Sri Lanka, concluded amidst much praise on the 30<sup>th</sup> of December 2011. The conference was held on three consecutive days at the Waters Edge Hotel, from the 28<sup>th</sup>, 29<sup>th</sup> and 30<sup>th</sup> of December with a remarkably distinguished audience of over two hundred and fifty participants from twenty one countries namely Australia, Belgium, Botswana, Canada, India, Japan, Kenya, Kuwait, Malaysia, New Zealand, Oman, the Republic of South Africa, Saudi Arabia, Singapore, Sri Lanka, Sweden, Taiwan, Thailand, Turkey, the United Kingdom, and the United States. Out of these participants more than one hundred participants are local participants.

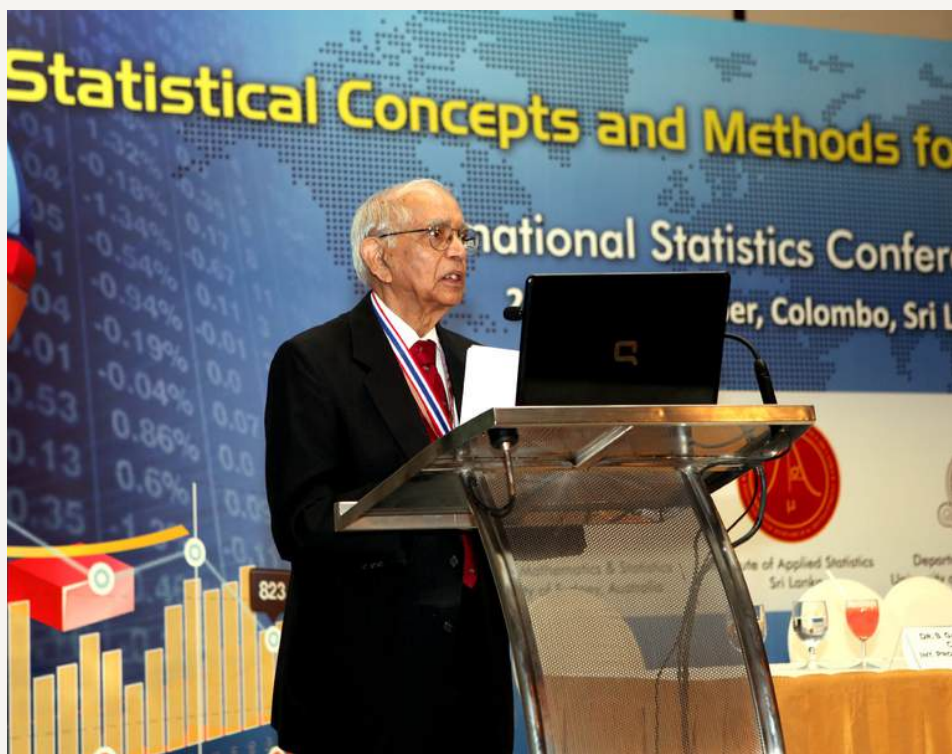
## **International Statistics Conference 2014**

The International Statistics Conference 2014 organized by the Institute of Applied Statistics Sri Lanka (IASSL), in collaboration with Department of Bioinformatics and Biostatistics, University of Louisville, USA and National Science Foundation (NSF), Sri Lanka. This conference is being held from December 28<sup>th</sup> – 30<sup>th</sup> December 2014 Colombo – Sri Lanka at the Galadari Hotel, Colombo, Sri Lanka.

## **International Statistics Conference 2017**

The International Statistics Conference 2017 organized by the Institute of Applied Statistics Sri Lanka (IASSL), in collaboration with the Department of Mathematics and Statistics, University of Maryland Baltimore County (UMBC), USA, Department of Mathematics, Faculty of Engineering, University of Moratuwa, Sri Lanka and the National Science Foundation (NSF) of Sri Lanka. This conference is being held from December 28-29, 2017 at the Taj Samudra Hotel, Colombo, Sri Lanka.







# *Get ready for the International Statistics Conference 2024!*

## *(ISC 2024)*

### *Unleashing the Power of Data Harnessing the Synergy Between Statistics and Data Science*

International Statistics Conference 2024 (ISC 2024), jointly organized by the Institute of Applied Statistics, Sri Lanka (IASSL) and the Department of Statistics, University of Sri Jayewardenepura (USJ), Sri Lanka will be held on 28 - 29 December 2024 at the Cinnamon Lakeside, Colombo, Sri Lanka. The Simon Fraser University (SFU), Canada will be the International collaborator of the Conference.

The theme of the conference is "Unleashing the power of data: Harnessing the Synergy between Statistics and Data Science". Keynote speech of the conference will be delivered by the renowned Statistician Professor Tim Swartz, SFU, Canada. The president of the American Statistical Association will be the chief guest of the inauguration.

A Pre-conference workshop will also be held on 27 December, 2024 at USJ premises. It will be conducted by Professor Tim Swartz. The theme will be related to sports analytics.



#### **Important dates to keep in mind:**

**Paper/ Abstract Submission Deadline: 15th May, 2024**

**Author Notification sent: 15th July 2024**

**Submission of camera-ready copy: 15th August, 2024**

**Early-bird registration closes: 31st August, 2024**

#### **Tracks:**

Probability and statistical inference, Statistical modelling, Time series and forecasting, Sampling and surveys, Experimental designs and analysis, Spatial and longitudinal data analysis, Actuarial statistics, Data mining and Big data analytics, Machine Learning and AI, Data visualization & predictive analytics, Econometric modelling, Sports analytics, Biostatistics, bioinformatics and healthcare analytics, Developments in statistical software, Ecological modelling, Financial and marketing data analytics, Manufacturing, telecommunication, transport and energy data analytics, Education and social science data analytics, Agriculture, food and environment data analytics, Operations research applications, and other relevant areas.



# INTERNATIONAL STATISTICS CONFERENCE ISC 2024

28-29 December 2024

**"Unleashing the power of data: Harnessing the Synergy  
between Statistics and Data Science"**

@ Cinnamon Lakeside Colombo - Sri Lanka

## IMPORTANT DATES

Paper/abstract Submission Deadline: 15 May, 2024

Author Notification Sent by: 15 July, 2024

Submission of Camera-ready Copy: 15 August, 2024

Early-bird Registration Closes: 31 August, 2024

## PRE-CONFERENCE WORKSHOP

DATE: 27 December, 2024

RESOURCE PERSON: Professor Tim Swartz, SFU, Canada

THEME: Sports Analytics

VENUE: University of Sri Jayewardenepura, Sri Lanka

## OUTSTANDING SPEAKERS



**Prof. Tim Swartz**

Professor of Statistics  
Simon Fraser University, Canada

Keynote Speaker



**Prof. Rob Hyndman**

Professor of Statistics  
Monash University, Australia

Guest of Honour/  
Keynote Speaker



**Prof. Jay Emmerson**

Professor of Statistics & Data Science (Adj)  
Yale University, USA

Guest Speaker



**Prof. Ji-Hyun Lee**

Professor of Biostatistics  
University of Florida, USA  
President-Elect 2024  
American Statistical Association

Guest Speaker

## CONFERENCE TRACKS

Probability and statistical inference, Statistical modelling, Time series and forecasting, Sampling and surveys, Experimental designs and analysis, Spatial and longitudinal data analysis, Actuarial statistics, Data mining and Big data analytics, Machine Learning and AI, Data visualization & predictive analytics, Econometric modelling, Sports analytics, Biostatistics, Bioinformatics and healthcare analytics, Developments in statistical software, Ecological modelling, Financial and marketing data analytics, Manufacturing, telecommunication, Transport and energy data analytics, Education and social science data analytics, Agricultural statistics, Food and environment data analytics, Operations research applications and other relevant areas.



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Collaborator

Grab your chance to present your latest research work, meet renowned international/local researchers and a possible publication in Springer Nature or Sri Lankan Journal of Applied Statistics (SLJAS) or ISC2024 Proceedings!

Conference Co-Chairs:

Dr. Niroshan Withanage & Prof. Chandima Tilakaratne

For More Information

<https://isc24.iasl.lk>



