

3rd International Conference in Data Science
ICDS 2025
25th-26th November, 2025
Department of Statistics, University of Colombo
Full Schedule



25th NOVEMBER 2025 - CONFERENCE DAY 1

8:00 a.m	Registration and Refreshments
9:00 a.m	Arrival of Guests, Lighting of the Oil Lamp and National Anthem
9:10 a.m	Welcome Address by the Conference Co-Chair Dr. Gayan Dharmarathne
9:15 a.m	Address by the Conference Co-Chair Dr. Khang Tsung Fei
9:20 a.m	Address by the Director CDS and Head of the Department of Statistics - Dr. Dilshani Tissera
9:25 a.m	Address by the Dean, Faculty of Science - Senior Professor Upul Sonnadara
9:30 a.m	Address by the Vice Chancellor, University of Colombo - Professor Indika Mahesh Karunathilake
9:40 a.m	Keynote speech 1 – Professor Hiroshi Mamitsuka
10:20 a.m	Cultural Event
10:30 a.m	Mini Hackathon Award Ceremony
10:40 a.m	Keynote speech 2 – Dr. Saw Shier Nee
11:20 a.m	Vote of Thanks by the Conference Co-Secretary
11:30 a.m	Lunch
1:00 p.m	Technical Session I
3:00 p.m	Tea Break
3:30 p.m	Technical Session II

26TH NOVEMBER 2025 - CONFERENCE DAY 2

9:00 a.m	Welcome Address
9:05 a.m	Guest Speech - Dr. Rajitha Navarathna
9:45 a.m	Tea Break
10:15 a.m	Technical Session III
12:00 p.m	Lunch Break
1:00 p.m	Technical Session IV
3:00 p.m	Tea Break
3:30 p.m	Technical Session V
7:00 p.m	Conference Dinner

Technical Session I – Parallel Session I
**Applications in Machine Learning & Deep Learning: Time series Forecasting,
Longitudinal data and Spatio-temporal Analysis**

Session Panel	Co – Chairs	Dr. Rushan Abeygunawardana Dr. Saw Shier Nee
	Moderators	Ms. Sandurashmi Perera
	Technical Person	Mr. Kasun Nanayakkara
Time	Information	
1.00 pm – 1.20 pm	Presenter	Z Zeng
	Paper ID	82
	Title	Modelling Features in Financial Fraud Detection with the Skew Normal Distribution for Synthetic Data Generation
	Co-authors	Z Zeng, T F Khang
1.20 pm – 1.40 pm	Presenter	S K Vidushinie
	Paper ID	52
	Title	A Machine Learning Comparison of Hypertension Prediction using Longitudinal Blood Pressure Data in Sri Lankans
	Co-authors	S K Vidushinie, G H S Karunarathna, K C D Mettananda
1.40 pm – 2.00 pm	Presenter	A M Dilushika
	Paper ID	29
	Title	Forecasting Sri Lanka’s Monthly Inflation (2015-2025) through Machine Learning and Deep Learning: Applications for Economic Policy and Planning
	Co-authors	S M D M K Samarakoon, H R I Perera, A M Dilushika
2.00 pm – 2.20 pm	Presenter	H L M Soysa
	Paper ID	31
	Title	Forecasting Stock Prices with LSTM Networks and Sentiment-Driven Reinforcement Learning
	Co-authors	H L M Soysa, S D Viswakula

2.20 pm – 2.40 pm	Presenter	P D K Chamuditha
	Paper ID	33
	Title	Developing a Graph Neural Network and Long Short-Term Memory Framework for Spatio-Temporal Streamflow Prediction in Ungauged Basins Across Africa
	Co-authors	P D K Chamuditha, M Leh, D Wijesena, S Sooriarachch, P Tinonetsana, K Subramaniam, K Matheswaran, N Velpuri
2.40 pm – 3.00 pm	Presenter	P A N Nuwandi
	Paper ID	42
	Title	Forecasting Tea, Textiles, and Apparel Exports in Sri Lanka: A Comparative Study of Traditional Time Series, Machine Learning, and Hybrid Models
	Co-authors	P A N Nuwandi, C N P G Arachchige

Technical Session I – Parallel Session II
Applications in Machine Learning & Deep Learning: Natural Language Processing

Session Panel	Co – Chairs	Dr. Sameera Viswakula Prof. Hiroshi Mamitsuka
	Moderators	Ms. Naethree Premnath
	Technical Person	Mr. Maneesha Withanage
Time	Information	
1.00 pm – 1.20 pm	Presenter	M M M T Kavinda
	Paper ID	10
	Title	Fake News Detection using Text Mining and Web Scraping
	Co-authors	M M M T Kavinda, R R L U I Rajapaksha
1.20 pm – 1.40 pm	Presenter	M D R Masachchige
	Paper ID	53
	Title	Sentiment Analysis of Public Reviews on Sri Lankan Comedy Entertainment YouTube Channels based on YouTube comments
	Co-authors	M D R Masachchige, G H S Karunarathna
1.40 pm – 2.00 pm	Presenter	M D Wickramasinghe
	Paper ID	78
	Title	Deep Learning based Sandhi Splitter for Sinhala Language
	Co-authors	M D Wickramasinghe, R Pushpananda, E R A D Bandara, C Liyanage, L I D E Kodituwakku, J M A S Bandara
2.00 pm – 2.20 pm	Presenter	J M A S Bandara
	Paper ID	79
	Title	Deep Learning-Based Part of Speech Tagger For Sinhala Language
	Co-authors	J M A S Bandara, R Pushpananda, I T Jayamanne, C Liyanage, M D Wickramasinghe, L I D E Kodituwakku

2.20 pm – 2.40 pm	Presenter	L I D E Kodituwakku
	Paper ID	80
	Title	A Deep-Learning-Based Model for Spell-Checking of Sinhala Language
	Co-authors	L I D E Kodituwakku, R Pushpananda, C Liyanage, G H S Karunarathna, M D Wickramasinghe, J M A S Bandara
2.40 pm – 3.00 pm	Presenter	N S Jayasundara
	Paper ID	88
	Title	Aspect Extraction in Tourist Reviews Using an Attention-Based Unsupervised Approach
	Co-authors	N S Jayasundara, K A D Deshani

Technical Session I – Parallel Session III
Applications in Machine Learning & Deep Learning

Session Panel	Co – Chairs	Dr. Imali Jayamanne Dr. Chamath Keppitiyagama
	Moderators	Ms. Hashini Nimesha
	Technical Person	Ms. Kavindya Kithmini
Time	Information	
1.00 pm – 1.20 pm	Presenter	D G S P Thilakarathne
	Paper ID	6
	Title	Segmenting Graduate Unemployment: A clustering approach to understanding employment challenges in Sri Lanka
	Co-authors	D G S P Thilakarathne, R R L U I Rajapaksha
1.20 pm – 1.40 pm	Presenter	M S S Fernando
	Paper ID	35
	Title	A Data-Driven Approach to Suspect Profiling of Grave Crimes in Sri Lanka
	Co-authors	M S S Fernando, KAD Deshani, O N S Senaweera
1.40 pm – 2.00 pm	Presenter	D G S P Thilakarathne
	Paper ID	9
	Title	Course Evaluation System and Analysis
	Co-authors	N A S P Neththasingh, D G S P Thilakarathne, R R L U I Rajapaksha
2.00 pm – 2.20 pm	Presenter	A B Pillay
	Paper ID	86
	Title	Functional Data Approaches in 3D Morphometrics
	Co-authors	A B Pillay, I -M Dabo, S Dabo-Niang, D Pathmanathan

2.20 pm – 2.40 pm	Presenter	U Tharindi
	Paper ID	28
	Title	Enhancing Accommodation Decisions With A Data-Centric Hotel Recommendation Platform
	Co-authors	U Tharindi, S D Viswakula

Technical Session II – Parallel Session I
Agentic AI in Practice, Applications of Gen AI , Safe and Secure LLMs and Other

Session Panel	Co – Chairs	Dr. Sameera Viswakula Prof. Hiroshi Mamitsuka
	Moderators	Mr. Janith Ramanayke
	Technical Person	Mr. Kasun Nanayakkara
Time	Information	
3.30 pm – 3.50 pm	Presenter	M S S Fernando
	Paper ID	20
	Title	Uncertainty Meets Company: A Multi-Agent Architecture for Automated App Review Classification
	Co-authors	M S S Fernando
3.50 pm – 4.10 pm	Presenter	P B W S R Kumarasinghe
	Paper ID	62
	Title	Building Trust in News: Safe and Interpretable Large Language Models for Detecting Misinformation
	Co-authors	P B W S R Kumarasinghe, N A D N Napagoda, D D H Tharushika
4.10 pm – 4.30 pm	Presenter	K Chaumika
	Paper ID	75
	Title	Evolution Of Llama Models: From Llama-1 To Llama-4
	Co-authors	K Chaumika, S Srikanth
4.30 pm – 4.50 pm	Presenter	J M Rasjid
	Paper ID	84
	Title	On the Discretisation of the Odd Power Generalised Weibull-G Family of Distributions
	Co-authors	J M Rasjid, C M Ng

Technical Session II - Parallel Session II
Applications in Machine Learning & Deep Learning

Session Panel	Co – Chairs	Dr. K A D Deshani Dr. Champa Magalla
	Moderators	Ms. Kaveesha Vidushinie
	Technical Person	Mr. Maneesha Withanage
Time	Information	
3.30 pm – 3.50 pm	Presenter	D G S P Thilakarathne
	Paper ID	15
	Title	Visual Content Usage for Marketing on Demography
	Co-authors	D K Akalanka, D G S P Thilakarathne, R R L U I Rajapaksha
3.50 pm – 4.10 pm	Presenter	P D S P Wijesinghe
	Paper ID	22
	Title	Music Emotion Recognition for Sinhala Songs
	Co-authors	P D S P Wijesinghe, E R A D Bandara
4.10 pm – 4.30 pm	Presenter	H Daksana, B Thanushan
	Paper ID	25
	Title	Improving Fault Detection in Railway Infrastructure through Uncertainty-Aware Deep Learning
	Co-authors	H Daksana, B Thanushan, M S S Fernando, N K Tennakoon
4.30 pm – 4.50 pm	Presenter	S D Tennakoon
	Paper ID	27
	Title	Exploring the Effects of Screen Time, Content, and Physical Activity on Sleep Quality among Youth: Case Study
	Co-authors	S D Tennakoon, S D Viswakula

Technical Session II – Parallel Session III
Applications in Machine Learning & Deep Learning

Session Panel	Co – Chairs	Dr. Rushan Abeygunawardana Dr. Khang Tsung Fei
	Moderators	Ms. Neelya Jayasundara
	Technical Person	Ms. Kavindya Kithmini
Time	Information	
3.30 pm – 3.50 pm	Presenter	M F F Zafra
	Paper ID	38
	Title	Enhancing Portfolio Optimization Through Alternative Data Integration
	Co-authors	M F F Zafra, C N P G Arachchige
3.50 pm – 4.10 pm	Presenter	R N Edirittillekege
	Paper ID	36
	Title	Machine Learning Approaches for Predicting Leptospirosis Risk in Individuals: A Case Study from Sri Lanka
	Co-authors	R N Edirittillekege, S D Viswakula
4.10 pm – 4.30 pm	Presenter	D Sonnadara
	Paper ID	40
	Title	Benchmarking Automated Feature Engineering Frameworks: A Comprehensive Empirical Study
	Co-authors	D Sonnadara, T T Khuat, K M Gabrys, B Gabrys
4.30 pm – 4.50 pm	Presenter	S D Daluwatumulle
	Paper ID	21
	Title	Clustering Hybrid Functional and Vector Data
	Co-authors	S D Daluwatumulle, J H Jang, Y Cui, A K Manatunga

Technical Session III – Parallel Session I
Applications in Machine Learning & Deep Learning, Ensemble Learning with
Statistics & AI

Session Panel	Co – Chairs	Dr. J H D S P Tissera Dr. Rasika Rajapaksha
	Moderators	Ms. Nisali Nuwandi
	Technical Person	Mr. Kasun Nanayakkara
Time	Information	
10.15 am – 10.35 am	Presenter	D Aadithiyan, B Rajendram, P Ragumar
	Paper ID	81
	Title	Predicting YouTube Video Initial Engagement Using Ensemble Machine Learning Techniques
	Co-authors	D Aadithiyan, B Rajendram, P Ragumar
10.35 am – 10.55 am	Presenter	Y Zhang
	Paper ID	83
	Title	Social Network Analysis of Tang Dynasty Poets: Community Structure and the Formation of Poetic Schools
	Co-authors	Y Zhang, T F Khang
10.55 am – 11.15 am	Presenter	J R Khong
	Paper ID	85
	Title	Gradient Boosting with GUIDE Trees
	Co-authors	J R Khong, T F Khang
11.15 am – 11.35 am	Presenter	Siow Hui Mak
	Paper ID	87
	Title	Predictive Analytics for High-Rise Residential Property Prices in Malaysia Using Ensemble Learning
	Co-authors	S H Mak, T F Khang

Technical Session III – Parallel Session II
Applications in Machine Learning & Deep Learning

Session Panel	Co – Chairs	Dr. Rasika Jayatillake Dr. Dilanga Siriwardana
	Moderators	Mr. Disura Chandrasekara
	Technical Person	Mr. Maneesha Withanage
Time	Information	
10.15 am – 10.35 am	Presenter	S Abeeshan
	Paper ID	48
	Title	ProtClass: A Protein family classifier for GPCR proteins
	Co-authors	S Abeeshan, P C Fernando
10.35 am – 10.55 am	Presenter	T V V S Chathuranga
	Paper ID	49
	Title	Predicting Over-Expenditure in Low-Income Sri Lankan Households Using Machine Learning
	Co-authors	T V V S Chathuranga, J H D S P Tissera
10.55 am – 11.15 am	Presenter	E R I A S M Ranasinghe
	Paper ID	51
	Title	Machine Learning-Based Cardiovascular Disease Risk Prediction in Sri Lanka Using the WHO STEPS 2021 Dataset
	Co-authors	E R I A S M Ranasinghe, J H D S P Tissera
11.15 am – 11.35 am	Presenter	K A M N Aryawansha
	Paper ID	56
	Title	Evaluating Machine Learning, Deep Learning, and Hybrid Approaches for Predicting Heart Conditions with Varying Sample Sizes
	Co-authors	K A M N Aryawansha, C H Magalla, N N Hettiarachchi

11.35 am – 11.55 am	Presenter	T Wijekoon, L Shanmugalingam
	Paper ID	57
	Title	Novel Non-parametric Approaches for Two-Way ANOVA: A Comparative Analysis of LPR, Bootstrap-Permutation, Kernel Regression, and Functional ANOVA
	Co-authors	A Yohan, A Chandrapala, K Chamathka, L Thamodya, L Perera, M Sewmini, P Gamage, P Madusanka, P Tharangani, L Shanmugalingam, T Yatawara, T Wijekoon, V Kavindya

Technical Session III – Parallel Session III
Applications in Machine Learning & Deep Learning

Session Panel	Co – Chairs	Dr. K A D Deshani Dr. Sandareka Wickramanayake
	Moderators	Mr. Bhashitha Wijesinghe
	Technical Person	Ms. Kavindya Kithmini
Time	Information	
10.15 am – 10.35 am	Presenter	S M S N Senanayake
	Paper ID	58
	Title	Modelling dissolved oxygen levels of small-scale aquaculture ponds in Myanmar
	Co-authors	S M S N Senanayake, S D Viswakula
10.35 am – 10.55 am	Presenter	H P S Bhagya
	Paper ID	59
	Title	Multi-Task Learning for Predicting Accident Severity and Casualty Counts in Motorcycle Crashes: A Case Study in Kurunegala District
	Co-authors	H P S Bhagya, J H D S P Tissera
10.55 am – 11.15 am	Presenter	S Patel
	Paper ID	71
	Title	Study of Adversarial ML/DL Attack Resistance of RC-Based PUF for IoT Security
	Co-authors	S Patel, J Acharya, P Sharma, M Roy
11.15 am – 11.35 am	Presenter	H A D H Y Jayathilaka
	Paper ID	77
	Title	AI-Powered Smart Wallet for Personalized Financial Management through SMS Data Extraction and Analysis
	Co-authors	H A D H Y Jayathilaka, R P T H Gunasekara

11.35 am – 11.55 am	Presenter	H G H Vihanga
	Paper ID	64
	Title	Factors Associated with Youtube Music Video Views in Sri Lanka
	Co-authors	H G H Vihanga, I T Jayamanna

Technical Session IV – Parallel Session I
**Applications in Machine Learning & Deep Learning: Time series Forecasting
and Spatio-temporal Analysis**

Session Panel	Co – Chairs	Dr. Chandima Arachchige Dr. Rasika Rajapaksha
	Moderators	Ms. Shanalie Ranasinghe
	Technical Person	Mr. Kasun Nanayakkara
Time	Information	
1.00 pm – 1.20 pm	Presenter	A Y Hasanjalee
	Paper ID	44
	Title	Assessing the effectiveness of the Dynamic Factor Model in forecasting Gross Domestic Product in Sri Lanka
	Co-authors	A Y Hasanjalee, H A S G Dharmarathne
1.20 pm – 1.40 pm	Presenter	R P D S Pathirana
	Paper ID	45
	Title	Modelling Monthly Electricity Consumption in Sri Lanka Using Machine Learning and Econometric Techniques
	Co-authors	R P D S Pathirana, C N P G Arachchige
1.40 pm – 2.00 pm	Presenter	W W J R G Rowel
	Paper ID	50
	Title	A Multivariate Deep Learning approach for forecasting the USD-LKR
	Co-authors	W W J R G Rowel, H A S G Dharmarathne
2.00 pm – 2.20 pm	Presenter	Y H Yang
	Paper ID	54
	Title	Forecasting Fetus Growth Using Machine Learning
	Co-authors	Y H Yang, S N Saw, C K Loo, J X Deng, A A Kamar, N S Sethi, R Saaid

2.20 pm – 2.40 pm	Presenter	M P G N Pathirana
	Paper ID	55
	Title	Thyroid cancer in Sri Lanka: A spatial and temporal analysis with predictive modelling for regional lymph node metastasis of thyroid cancer patients
	Co-authors	M P G N Pathirana, J H D S P Tissera, S N Perera
2.40 pm – 3.00 pm	Presenter	K A H M Gunasekara
	Paper ID	67
	Title	Data Driven Methods for Wind Power Forecasting in Sri Lanka
	Co-authors	K A H M Gunasekara, H L Jayetileke

Technical Session IV – Parallel Session II
Applications in Machine Learning & Deep Learning: Image processing

Session Panel	Co – Chairs	Dr. Sameera Viswakula Prof. Hiroshi Mamitsuka
	Moderators	Mr. Dinula Ramuditha
	Technical Person	Mr. Maneesha Withanage
Time	Information	
1.00 pm – 1.20 pm	Presenter	A M K S Aththanayake
	Paper ID	4
	Title	Skin Disease Detection Using Novel Image Processing Techniques
	Co-authors	U M Sewwandi, A M K S Aththanayake, R R L U I Rajapaksha
1.20 pm – 1.40 pm	Presenter	D G S P Thilakarathne
	Paper ID	3
	Title	Fully Automated Traffic Light System With Image Processing
	Co-authors	H G A Udana, D G S P Thilakarathne, R R L U I Rajapaksha
1.40 pm – 2.00 pm	Presenter	A M K S Aththanayake
	Paper ID	7
	Title	Alzheimer Disease Classification and Progress Prediction Using Neuro Imaging Data
	Co-authors	U Sathmina, A M K S Aththanayake, R R L U I Rajapaksha
2.00 pm – 2.20 pm	Presenter	Fathima Alfa Azmi
	Paper ID	16
	Title	BlazeAid: Deep Learning and Explainable Artificial Intelligence Techniques for Human Skin Burn Severity Classification
	Co-authors	Fathima Alfa Azmi, Hiruni Kasthuriarachchi

2.20 pm – 2.40 pm	Presenter	D G S P Thilakarathne
	Paper ID	13
	Title	Image-Based Automatic Vehicle Paint Error Detection
	Co-authors	H K T P L Sampath, D G S P Thilakarathne, R R L U I Rajapaksha
2.40 pm – 3.00 pm	Presenter	A M K S Aththanayake
	Paper ID	8
	Title	Confirming COVID-19 Pneumonia Based on Chest X-ray Classification
	Co-authors	B T P Mendis, A M K S Aththanayake, R R L U I Rajapaksha

Technical Session IV – Parallel Session III
**Sustainable Innovation with AI, Accountable Autonomous Systems,
Applications in Machine Learning & Deep Learning**

Session Panel	Co – Chairs	Dr. A A Sunethra Dr. Wijendra Gunathilake
	Moderators	Ms. Hashini Nimesha
	Technical Person	Ms. Kavindya Kithmini
Time	Information	
1.00 pm – 1.20 pm	Presenter	M Perera
	Paper ID	32
	Title	ClimateDEAR: Leveraging Big Data Visualization of Climate for Agricultural Resilience in Africa
	Co-authors	M Perera, M Leh, N M Velpuri, D Wickramasinghe, G Fernando, S Ekanayake, K Mekonnnen, K Akpoti, A Owusu, L Madhushanka, T Prabhath, T Perera, A Seid
1.20 pm – 1.40 pm	Presenter	B T P Janavathsasarma
	Paper ID	34
	Title	Mapping Fuel Accessibility across Africa through a Data-Driven Framework
	Co-authors	B T P Janavathsasarma, M Leh, D Wickramasinghe, N M Velpuri, P Schmitter, A Seid
1.40 pm – 2.00 pm	Presenter	I Jayathissa
	Paper ID	46
	Title	Smart Waters: Leveraging Geospatial Data Science to understand water resources dynamics in Jordan
	Co-authors	I Jayathissa, M Leh, N Amdar, Y Brouziyne, N M Velpuri
2.00 pm – 2.20 pm	Presenter	S R Sooriarachchi
	Paper ID	61

	Title	CAMELS-Afr: Building a Multi-Level Catchments Database through R-based Attribute Derivation and Statistical Analysis for Hydrological Studies in Africa
	Co-authors	S R Sooriarachchi, M Leh, K Matheswaran, N Velpuri, K Subramaniam, D Wijesena, P Tinonetsana, P D K Chamuditha
2.20 pm – 2.40 pm	Presenter	A G T Fernando
	Paper ID	66
	Title	Digital Water Balances: Automated WA+ Analytics for Sustainable Management of the Awoja Basin
	Co-authors	A G T Fernando, M Leh, M T Taye, G Y Ebrahim, A Nicol
2.40 pm – 3.00 pm	Presenter	E M S S B Ekanayake
	Paper ID	76
	Title	Projected Evapotranspiration under a Changing Climate: A Big Data Framework for Water Resource Planning in Africa and MENA
	Co-authors	S Ekanayake, M Leh, G Fernando, K Mekonnen, D Chalamina, N M Velpuri, A Seid

Technical Session V – Parallel Session I
Applications in Machine Learning & Deep Learning

Session Panel	Co – Chairs	Dr. Chandima Arachchige Dr. Rasika Rajapaksha
	Moderators	Ms. Naethree Premnath
	Technical Person	Mr. Kasun Nanayakkara
Time	Information	
3.30 pm – 3.50 pm	Presenter	K T O E Kolamba Thanthri
	Paper ID	89
	Title	Studying the Liquidity of Open Market Operations in Sri Lanka
	Co-authors	K T O E Kolamba Thanthri
3.50 pm – 4.10 pm	Presenter	H N Kudagama
	Paper ID	26
	Title	Optimizing Short-Term Wind Speed Forecasting In Colombo, Sri Lanka: A Comparative Study Of Statistical, Machine Learning, Deep Learning, And Hybrid Approaches.
	Co-authors	H N Kudagama, S D Viswakula
4.10 pm – 4.30 pm	Presenter	W T Dilshan
	Paper ID	12
	Title	Identification of Autism Using Resting State FMRI Analysis
	Co-authors	W T Dilshan, R R L U I Rajapaksha
4.30 pm – 4.50 pm	Presenter	G P M Gamage
	Paper ID	90
	Title	Inherent Feature Importance Analysis in Stacking Ensembles: A Meta-Learner Coefficient Based Approach for Tree-based Machine Learning Models
	Co-authors	G P M Gamage, R V Jayatillake

Technical Session V – Parallel Session II
Applications in Machine Learning & Deep Learning: Image Processing, Sport Analytics

Session Panel	Co – Chairs	Dr. Sameera Viswakula Dr. R. M. Silva
	Moderators	Mr. Sahan Madhushanka
	Technical Person	Mr. Maneesha Withanage
Time	Information	
3.30 pm – 3.50 pm	Presenter	L Sriharan
	Paper ID	17
	Title	A YOLOv10-Based Assistive Currency Detection System to Support People with Visual Impairments
	Co-authors	L Sriharan
3.50 pm – 4.10 pm	Presenter	J R R H Ramanayake
	Paper ID	60
	Title	Representation Separability of Signal-to-Image Transformations for Sleep Stage Classification Using Pretrained Vision Transformers
	Co-authors	J R R H Ramanayake, C N P G Arachchige
4.10 pm – 4.30 pm	Presenter	R D Lokuge
	Paper ID	68
	Title	A Data-Driven Approach to Identify Winning Strategies in Sri Lankan Men's T20 International Cricket
	Co-authors	R D Lokuge, H L Jayetilleke
4.10 pm – 4.30 pm	Presenter	W M B C Wijesinghe
	Paper ID	74
	Title	Predicting Expected Playing Minutes of a Player in the Upcoming English Premier League Match using Machine Learning Techniques
	Co-authors	W M B C Wijesinghe, C H Magalla

Technical Session V – Parallel Session III
**Sustainable Innovation with AI, Accountable Autonomous Systems,
Applications in Machine Learning & Deep Learning**

Session Panel	Co – Chairs	Dr. Hasani Karunarathna Dr. Prasanna Haddela
	Moderators	Mr. Nayana Chathuranga
	Technical Person	Ms. Kavindya Kithmini
Time	Information	
3.30 pm – 3.50 pm	Presenter	D C Wickramasinghe
	Paper ID	65
	Title	Intelligent Allocation of Seasonal Groundwater for Sustainable Crop Planning in Data Scarce Regions
	Co-authors	D C Wickramasinghe, M Leh, N M Velpuri
3.50 pm – 4.10 pm	Presenter	S Puvanenthirarajah
	Paper ID	72
	Title	Random Forest-Driven Spatial Downscaling of Actual Evapotranspiration Leveraging Google Earth Engine for Advanced Water Resource Management
	Co-authors	S Puvanenthirarajah, T N Kothalawala, K Matheswaran, Z Kiala
4.10 pm – 4.30 pm	Presenter	T N Kothalawala
	Paper ID	73
	Title	SSEBop model optimization for Scalable, Parallel Processing of Long-Term ET Big Data
	Co-authors	T N Kothalawala, S Puvanenthirarajah, K Matheswaran, N M Velpuri
4.10 pm – 4.30 pm	Presenter	A M K S Aththanayake
	Paper ID	1
	Title	A Comparative Study of Machine Learning Algorithms for Predicting Graduate Unemployment Duration in Sri Lanka
	Co-authors	A M K S Aththanayake, R R L U I Rajapaksha

Venue Allocation

Parallel Session 1	Conference Hall, Department of Statistics (5th Floor)
Parallel Session 2	Boardroom, Department of Statistics (5th Floor)
Parallel Session 3	SLT-E, Department of Statistics (4th Floor)