11th International Research Conference						
Research for Transport and Logistics Industry (R4TLI) 2026						
19 September 2026						
Department of Industrial Management, Faculty of Science, University of Kelaniya						
Duration: 8.30 a.m. - 4.00 p.m.						
In Collaboration with						
Department of Industrial Management, Faculty of Science, University of Kelaniya						
"Resilient, Responsible, and Resource-Efficient Transport and Logistics Systems"						
Opening Session						
08:00 - 08:30	**Registration**					
08:30 - 08:35	**National Anthem**					
08:35 - 08:40	**Lighting of the Oil Lamp**					
08:40 - 08:45	**Sponsor Videos and e-Banners**					
08:45 - 08:55	**Welcome: Dr. Chathumi Kavirathna, Conference Chair, R4TLI 2026**					
08:55 - 09:10	**Address by Chief Guest: Eng. (Dr.) Asiri Karunawardena, Secretary, Ministry of Transport, Highways, and Urban Development**					
09:10 - 09:30	**Keynote Address: *"Digital Transformation in Transport and Logistics"* Keynote Speaker: Mr. Jiffry Zulfer, Founder and Chief Executive Officer, Digital Mobility Solutions Lanka Plc (PickMe)**					
09:30 - 10:25	**Panel Discussion: *"Building Sri Lanka's Future Transport and Logistics System: Vision, Challenges and Opportunities"***					
	Panelist: Eng. (Dr.) Asiri Karunawardena, Secretary, Ministry of Transport, Highways, and Urban Development					
	Panelist: Mr. Jiffry Zulfer, Founder and Chief Executive Officer, Digital Mobility Solutions Lanka Plc (PickMe)					
	Panelist: Prof. Amila Thibbotuwawa, Department of Transport Management & Logistics Engineering, Faculty of Engineering, University of Moratuwa					
	Panelist: Eng (Dr.) Tissa Liyanage, Managing Director / CEO, Master Hellie's Engineering Consultants (Pvt.) Ltd					
	Moderator: Dr. T. Sivakumar, Senior Lecturer, Department of Transport Management & Logistics Engineering, Faculty of Engineering, University of Moratuwa					
10:25 - 10:30	**Programme Outline**					
10:30 - 10:50	**Tea Break (Basement Floor)**					
Technical Session 01 (Duration: 10:50 - 12:30)						
Track No.	**A1**		**B1**		**C1**	
Venue	**A8 - 204 (2nd Floor)**		**A8 - 205 (2nd Floor)**		**A8 - 206 (2nd Floor)**	
Session Name	**Urban Transport - 01**		**Maritime and Logistics - 01**		**Smart Mobility**	
10:50 - 11:10	**A1.1**	**Spatial and temporal patterns of on-street parking demand in a mixed-use urban corridor: evidence from Kesbawa-Piliyandala, Sri Lanka (ID-17)**	**B1.1**	**Multi-Criteria Decision Analysis of the Emerging Structure of Container Liner Alliances: Operational Collaboration and Strategic Implications (ID-05)**	**C1.1**	**Application of Network Kernel Density Estimation for Traffic Accident Hotspot Identification in Matara, Sri Lanka (ID-32)**
		Abeywardhana, Shehasha*; Wijegunarathna, Eshie		***Lakshitha, Shashini*; Sigera, Indika***		***Dissanayake, Wenura; Rengarasu, Terrance****
11:10 - 11:30	**A1.2**	**Post-Crisis Resilience of Fuel Distribution Networks in Sri Lanka: Evidence from Young Urban Mobility Users' Refuelling Station Selection Behaviour (ID-19)**	**B1.2**	**A Quasi-Experimental Empirical Study Of The Long-Run Volume Effects of FDI in Sri Lanka's Leading Port: Evidence from The Colombo International Container Terminal ID-21)**	**C1.2**	**Use of System Design to Provide Mobility as A Service for Rural and Suburban Communities in Sri Lanka (ID-01)**
		Dakshika, sanduni*		***Pakeerathan , Jasi *; Nayanalochana, P.C.J***		***Sameera Dilhara *; Amal Kumarage***
11:30 - 11:50	**A1.3**	**Quantifying The Traffic, Emission and Economic Costs of Discretionary Bus Idling on a High-Friction Urban Corridor in Galle, Sri Lanka (ID-28)**	**B1.3**	**An Explanatory Sequential Mixed-Methods Analysis of Container Liner Connectivity of the Port of Hambantota (ID-09)**	**C1.3**	**Assessing GPS – Only Approaches for Bus Dwell Time Detection at Bus Stops (ID-20)**
		Warnasuriya, Kaushalya; Rengarasu, Terrance*		***Nipuni Sanjula, Indika Sigera***		***Tharindu Kumara*; Sachina Hetiarachchi; Hasanka Wijesundara; Vasantha Wickramasinghe***
11:50 - 12:10	**A1.4**	**Modelling Traffic Flow Characteristics of Galle City Using Micro Urban Simulation (ID-30)**	**B1.4**	**Challenges in implementing e-procurement systems in the maritime industry in Sri Lanka (ID- 06)**	**C1.4**	**Impact of Shuttle Service Expansion on Student Accessibility and Transport Equity: A Case Study at SLIIT (ID – 27)**
		Wijesinghe, Thushan; Rengarasu, Terrance*		***Hiruni Eshwarage*; Baudi Abeysekara***		***Chaththushka, A.D.K.; Amarasingha, Niranga****
12:10 - 12:30						
12:30 - 13:30	**Lunch Break (Basement Floor)**					
Technical Session 02 (Duration: 13:30 - 15:10)						
Track No.	**A2**		**B2**		**C2**	
Venue	**A8 - 204 (2nd Floor)**		**A8 - 205 (2nd Floor)**		**A8 - 206 (2nd Floor)**	
Session Name	**Transport Planning**		**Maritime and Logistics - 02**		**Urban Transport - 02**	
13:30 - 13:50	**A2.1**	**Simulation-Based Dynamic Controlled Signal System: Evidence from Julgaha Junction, Galle City, Sri Lanka (ID-16)**	**B2.1**	**Identify The Barriers to Implementing Lean Procurement Practices for Waste Minimization in The Textile Industry (ID-08)**	**C2.1**	**Analyzing the influence of surrounding land use and points of interest on bus stop dwell time (ID-22)**
		Maxwel, Francis*; Wijensinghe, Kalana; Rengarasu, Terrance		***VISHARANI, piumi*; Abeysekara, Baudhi***		***Kaveesha Rasangi*; Sandani Amarajeewa***
13:50 - 14:10	**A2.2**	**Network-Level IRI Prediction and Indicative Agency-Cost Comparison of Asphalt and Granular/WBM-Equivalent Pavements In Sri Lanka (ID-23)**	**B2.2**	**Breaking the Traditional Chain: How Carrier-Driven Logistics Services Affect the Competitiveness and Sustainability of Freight Forwarders in Sri Lanka (ID-24)**	**C2.2**	**Modelling Pedestrian Crossing Speed Profiles Considering Speed Change Behaviour for the Safety Assessment of Signalised Intersections (ID-29)**
		Satheeskanth, Ravichchanthiran*		***Pakeerathan , Jasi****		***Jayawickrama, Tharindu; Rengarasu, Terrance****
14:10 - 14:30	**A2.3**	**Vulnerability and Resilience of the Transport System in The Central Highlands for Kandy and Kegalle (ID-31)**	**B2.3**	**Modelling Sustainability Interventions in the Sri Lankan Mango Supply Chain: A Hybrid System Dynamics–Agent-Based Approach (ID-02)**	**C2.3**	**Traffic Flow Prediction on Urban Expressways Using Machine Learning Techniques (ID-18)**
		Rengarasu, Terrance*; Wijerathne, Ashan		***Dokula Perera*; Amila Thibbotuwawa; Madushan Jayalath***		***Tinura Ratnayake*; Sampath Udayathunga; Vasantha Wickramasinghe; Supuni Nissanka***
14:30 - 14:50	**A2.4**	**An Assessment of Road Safety Knowledge Among Sri Lankan School Students (ID-26)**	**B2.4**		**C2.4**	**Behavioural Compliance of Drivers at Speed Humps: Evidence From an On-Site Survey in Sri Lanka (ID-25)**
		Malagalage, Lavindu Methsan *; Amarasingha, Niranga				***Sewwandi, Nimthera *; Samarasekara, Ganga; Konthesinghe, Chaminda***
14:50 - 15:10						
15:10 - 15:30	**Tea Break (Basement Floor)**					
Awards Ceremony						
15:30 - 15:45	**Announcement of Awards: Dr. Vasantha Wickramasinghe, Vice President - Events, SLSTL**					
15:45 - 16:00	**Vote of Thanks: Dr. Terrance Rengarasu, Vice President - Membership, SLSTL**					
Sponsors						
	Contact Us: Ms. Maryse De Costa, Event Manager, R4TLI 2026 +94775669579					