



Faculty of Computing
Sabaragamuwa University of Sri Lanka



6th International Conference on Advanced Research in Computing

ICARC 2026

“Responsible AGI: Balancing Intelligence, Responsibility and Sustainability”

PROGRAMME BOOK

18th - 19th February 2026

Faculty of Computing
Sabaragamuwa University of Sri Lanka



INTERNATIONAL CONFERENCE ON ADVANCED RESEARCH
IN COMPUTING
“ICARC 2026”

“Responsible AGI: Balancing Intelligence, Responsibility, and Sustainability.”



18th - 19th Feburary 2026

Faculty of Computing
Sabaragamuwa University of Sri Lanka
Belihuloya, Sri Lanka

ICARC 2026

International Conference on Advanced Research in Computing 2026

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As Artificial General Intelligence (AGI) rapidly evolves, it presents both transformative opportunities and profound ethical challenges. Responsible AGI development must prioritize not just technical excellence, but also moral responsibility and long-term sustainability. Intelligence alone is not sufficient AGI must be aligned with human values, governed by transparent frameworks, and designed with safety at its core. Balancing responsibility means ensuring AGI systems are fair, accountable, and free from harmful biases. They must respect human rights, uphold ethical standards, and remain under human control, especially in high-stakes applications such as healthcare, governance, and defense. Sustainability is equally vital AGI should support social and environmental well-being, not compromise it. Energy efficiency, resource-conscious design, and equitable access are key principles in developing AGI that benefits humanity as a whole.

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Generative AI in Education: Emerging Paradigms, Practice and Possibilities

Chair: Prof. Roshan Ragel, *University of Peradeniya, Sri Lanka*

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Message From The Vice Chancellor

The advancement of computing research plays a pivotal role in shaping sustainable and responsible technological futures. In this context, I am pleased to convey my sincere appreciation to the Faculty of Computing for organizing the 6th International Conference on Advanced Research in Computing (ICARC 2026). This significant academic event is particularly meaningful as Sabaragamuwa University of Sri Lanka marks 30 years of excellence in higher education, research, and innovation.



The theme of ICARC 2026, **“Responsible AGI: Balancing Intelligence, Responsibility, and Sustainability”**, reflects the growing global emphasis on ensuring that technological progress is guided by ethical considerations, societal responsibility, and environmental sustainability. Such a balanced approach is essential as artificial intelligence and advanced computing systems continue to transform industries, economies, and everyday life. ICARC has evolved into a well-recognized international platform that brings together researchers, academics, and industry professionals to share knowledge and explore emerging trends in computing. The conference reinforces our commitment to advancing scientific inquiry across diverse research areas while addressing the challenges and opportunities created by information and communication technologies in the modern world.

I take great pride in acknowledging the Faculty of Computing for its dedication to organizing this prestigious conference to international standards. The technical co-sponsorship by IEEE and the publication of accepted and presented papers in the IEEE Xplore Digital Library are strong indicators of the high academic quality and research integrity maintained by the Faculty. These accomplishments contribute significantly to our institutional vision of becoming a world-class university with global recognition. ICARC 2026 will feature key research domains, including Artificial General Intelligence, Machine Learning, Computer Vision, and other emerging areas of computing. Through these scholarly contributions, the conference supports Sri Lanka’s national development objectives while positioning our university to engage meaningfully in global discussions on advanced and responsible technologies.

I am confident that ICARC 2026 will foster meaningful knowledge exchange, strengthen interdisciplinary collaboration, and encourage innovation. As Sabaragamuwa University of Sri Lanka celebrates 30 years of progress, I trust this conference will serve as a catalyst for impactful research and responsible technological advancement. I extend my sincere gratitude to all contributors and wish all participants a productive and insightful conference.

Prof. M. Sunil Shantha
Vice Chancellor
Sabaragamuwa University of Sri Lanka

Message from the Chair & the Dean of the Faculty of Computing

The continued evolution of computing research serves as a cornerstone for developing technologies that are ethical, sustainable, and socially impactful. In alignment with the mission of IEEE—to advance technology for humanity—the 6th International Conference on Advanced Research in Computing (ICARC 2026) reflects our shared commitment to fostering innovation, strengthening global collaboration, and upholding the highest standards of technical excellence. It is therefore my great privilege to present ICARC 2026, organized by the Faculty of Computing, Sabaragamuwa University of Sri Lanka, in conjunction with the University's celebration of 30 years of distinguished contributions to higher education, research, and national development.



The theme of ICARC 2026, **“Responsible AGI: Balancing Intelligence, Responsibility, and Sustainability,”** reflects the growing global commitment to ensuring that emerging digital technologies are guided by strong ethical principles, societal responsibility, and environmental consciousness. As artificial intelligence and advanced computing systems increasingly transform economies, governance, and everyday life, this balanced and responsible approach has become both timely and essential.

ICARC 2026 provides a comprehensive academic platform through eight major technical tracks, including: Artificial Intelligence and Machine Learning; Text Analytics and Natural Language Processing; Computer Networks and Internet of Things; Software Engineering and Knowledge Engineering; Generative AI in Education: Emerging Paradigms, Practices, and Possibilities; Digital Transformation and Industry 5.0; Digital Transformation in Healthcare; and Open Track – Emerging Topics in Computing. These tracks reflect the breadth, depth, and evolving nature of contemporary computing scholarship.

The conference, conducted in hybrid mode on 18–19 February 2026, enables strong international participation from researchers, academics, and industry professionals across multiple regions. This dynamic format brings together scholars from diverse parts of the world, with many international authors participating both online and in person. It provides a truly global platform for knowledge exchange and scholarly engagement, enhancing accessibility, encouraging wider collaboration, and facilitating the sharing of diverse perspectives across geographical boundaries. This strong global engagement reinforces ICARC's reputation as a leading research forum in South Asia and beyond, fostering meaningful academic exchange, long-term international collaboration, and growing recognition within the global research community. The Faculty of Computing is proud to note that ICARC 2026, for the sixth consecutive year, is technically co-sponsored by IEEE Global, IEEE Sri Lanka Section, IEEE Computer Society Sri Lanka Chapter, IEEE Engineering in Medicine and Biology Society (EMBS) Sri Lanka Chap-

ter, IEEE Industry Applications Society (IAS) Sri Lanka Chapter, IEEE Signal Processing Chapter, IEEE Geoscience and Remote Sensing Society (GRSS) Chapter, and IEEE Communications Society Sri Lanka Chapter. All accepted and presented papers will be submitted for inclusion in IEEE Xplore, subject to meeting IEEE's scope and quality requirements.

As Sabaragamuwa University of Sri Lanka commemorates three decades of academic progress, ICARC 2026 stands as a flagship scholarly initiative of the Faculty of Computing. It reflects our sustained efforts in capacity building, innovation, postgraduate development, and international networking, while contributing meaningfully to Sri Lanka's national digital transformation agenda. I am confident that ICARC 2026 will foster impactful knowledge creation, strengthen interdisciplinary collaboration, inspire emerging researchers, and advance responsible technological innovation. I extend my sincere appreciation to the organizing committee, Technical Program Committee, reviewers, authors, partners, and volunteers for their unwavering dedication and professionalism. I warmly welcome our local and international participants and wish you all a productive, enriching, and memorable conference experience.

Prof. S. Vasanthapriyan
The Conference Chair,
The Dean, Faculty of Computing
Sabaragamuwa University of Sri Lanka

Message from the Director, IEEE Region 10 (Asia-Pacific)

It is with great pleasure that I extend my warm greetings to all participants of the 6th IEEE International Conference on Advanced Research in Computing (ICARC 2026), organized by the Faculty of Computing, Sabaragamuwa University of Sri Lanka, with the technical co-sponsorship of the IEEE Sri Lanka Section. Conferences such as ICARC play a pivotal role in strengthening the global research ecosystem by providing a trusted and inclusive platform for the exchange of ideas, the dissemination of high-quality research outcomes, and the fostering of collaboration across academia, industry, and professional communities. Beyond the presentation of scientific advancements, they serve as catalysts for cultivating a resilient research culture, encouraging responsible innovation, and inspiring the next generation of researchers and technologists. The theme of ICARC 2026, **“Responsible AGI: Balancing Intelligence, Responsibility, and Sustainability,”** is both timely and highly relevant. As computing technologies and artificial intelligence increasingly influence every aspect of society, it is essential for the research community to reflect collectively on ethical responsibility, sustainability, and long-term societal well-being. ICARC provides an important forum for such dialogue, enabling research and innovation to be guided not only by technical excellence, but also by purpose and social impact.



IEEE Region 10 remains strongly committed to supporting initiatives that enhance research quality, promote meaningful international collaboration, and empower diverse communities across the Asia-Pacific region through technology and knowledge. ICARC 2026 exemplifies this commitment by bringing together researchers and professionals to share insights, challenge perspectives, and contribute to computing advancements that serve humanity. I commend the Conference Chair, the Organizing Committee, the Technical Program Committee, the reviewers, and the many volunteers for their dedication and professionalism in delivering this important international forum. I am confident that ICARC 2026 will be a rewarding and impactful experience for all participants.

I wish ICARC 2026 every success and hope that the discussions and outcomes of this conference will contribute meaningfully to advancing research, innovation, and sustainable technological development.

With best wishes,
Professor Takako Hashimoto
Director, IEEE Region 10 (2025-2026)

Keynote Address by Professor Thrishantha Nanayakkara

Embodied Intelligence: Why Responsible AGI benefits from Physical Grounding

Abstract: Even with today's most advanced robots, we remain reluctant to trust a robot to hold a hamster or physically examine a patient. The elegance of physical interactions we do in daily life seems to come from a fine interplay among the dynamics and computing in the brain, the body, and the environment. However, it is very difficult to map it out using human participants alone.



How about using robots as a proxy to living beings to understand the nuances of such interactions because we can control and measure details of information flow that way? In this talk, I will discuss the work in the Morphlab under the overarching question of understanding how passive dynamics and computing can come together to solve complex interaction problems.

I will group examples under three phenomena I think are important to untangle the puzzle: Ghost circuits, kinematic tuning, and behavioral lensing that I will further elaborate in the upcoming Springer Nature Handbook on Soft Robotics. A few such examples include how the shape of nails and bones in the fingertip help to classify textures, how an origami inspired endoscopic capsule can use stiffness change to collect more data from intestines, how fish scale shaped tactile sensor skins can reduce noise, and how passive dynamics in a mountain goat hoof contribute to slip reduction.

Bio: Thrishantha Nanayakkara is a professor of robotics at Imperial College London (ICL). He is the director of Morphlab at the Dyson School of Design Engineering. His main research interests are in embodied intelligence. He uses soft robots to test hypotheses on how the kinematics and dynamics of the physical body help to solve complex realtime physical interaction problems. Prior to ICL, he has been at Kings College London, MIT, Harvard, and Johns Hopkins University.

Prof. Thrishantha Nanayakkara

Professor of Robotics

Director of Morphlab, Dyson School of Design Engineering
Imperial College London, United Kingdom

Program at a glance

Day 01 Schedule		Wednesday, 18 th February 2026
Time	Venue	Session
9:00 – 9:30 AM	Hall 1 / LH 13	Plenary – TA & NLP
	Hall 2 / LH 16	Plenary – AI & ML
	Hall 3 / LH 18	Plenary – CN & IoT
	Hall 4 / LH 12	Plenary – Industry
	Hall 5 / LH 15	Plenary – Health
	Hall 6 / LH 14	Plenary – Open
9:30 – 12:15 PM	Hall 1 / LH 13	TA & NLP I (11 Papers)
	Hall 2 / LH 16	AI & ML I (11 Papers)
	Hall 3 / LH 18	CN & IoT I (11 Papers)
	Hall 4 / LH 12	Industry I (11 Papers)
	Hall 5 / LH 15	Health I (11 Papers)
	Hall 6 / LH 14	Open I (16 Papers)
12:15 – 1:00 PM	— All Halls —	Lunch Break
2:45 PM	Auditorium, Faculty of Technology	Inauguration Ceremony

Table 1: Conference Schedule – February 18th, 2026

Day 02 Schedule			Thursday, 19 th February 2026
Time	Venue	Session	
9:00 – 11:00 AM	Hall 1 / LH 13	TA & NLP II (08 Papers)	
	Hall 2 / LH 16	AI & ML II (08 Papers)	
	Hall 3 / LH 18	Plenary - Gen AI + 05 Papers	
	Hall 4 / LH 12	Industry II (08 Papers)	
	Hall 5 / LH 15	Health II (08 Papers)	
	Hall 6 / LH 14	Plenary - SE & KE (9:00 – 9:30 AM)	
9:30 – 11:00 AM	Hall 6 / LH 14	SE & KE I (05 Papers)	
11:00 – 11:15 AM	— All Halls —	Tea Break	
11:30 – 1:15 PM	Hall 1 / LH 13	TA & NLP III (05 Papers)	
	Hall 2 / LH 16	AI & ML III (05 Papers)	
	Hall 4 / LH 12	Industry III (05 Papers)	
	Hall 5 / LH 15	Health III (04 Papers)	
	Hall 6 / LH 14	SE & KE II (03 Papers)	
1:15 – 2:00 PM	— All Halls —	Lunch Break	
2:00 – 2:30 PM	Hall 1 / LH 13	TA & NLP IV (02 Papers)	
2:00 – 3:30 PM	Hall 2 / LH 16	AI & ML IV (06 Papers)	
	Hall 4 / LH 12	Industry IV (07 Papers)	

Table 2: Conference Schedule – February 19th, 2026

AGENDA

ICARC 2026

2.45 PM – 3.15 PM

Tea/ Registration and Arrival of the Guests

VIDEO: THROWBACK TO ICARC JOURNEY

3.40 PM – 3.50 PM

Lighting of the Virtual Oil Lamp & National Anthem

3.50 PM – 4.00 PM

Welcome Dance by Students of the Faculty of Computing

VIDEO: JOURNEY OF THE FACULTY OF COMPUTING

4.05 PM – 4.15 PM

Address by Professor S. Vasanthapriyan
Chair, ICARC 2026 & Dean, Faculty of Computing

4.15 PM – 4.25 PM

Address by Professor Roshan G. Ragel
On behalf of the Technical Program Committee Chair – ICARC 2026

SOLO PERFORMANCE BY A STUDENT OF THE FACULTY OF COMPUTING

4.25 PM – 4.35 PM

Address by Professor Tharaka Nilantha Samarasinghe
President, IEEE Sri Lanka Section-2026

4.35 PM – 4.45 PM

Address by Professor M. Sunil Shantha
The Vice-Chancellor, Sabaragamuwa University of Sri Lanka

4.45 PM – 4.50 PM

Presenting the Abstract Proceedings of ICARC 2026

VIDEO: ICARC 2026 AT A GLANCE**4.55 PM – 5.20 PM****Keynote Address by Professor Thrishantha Nanayakkara**
Imperial College London, United Kingdom**5.20 PM – 5.40 PM****Address by Professor Takako Hashimoto**
Director – IEEE Region 10 (Asia Pacific) (2025-2026)**VIDEO: OUR SPONSORS****5.40 PM – 5.55 PM****Address by Dr. Jeewika Ranaweera**
IEEE Women in Engineering Committee Member 2026**5.55 PM – 6.10 PM***Presenting the Tokens of Appreciation***SOLO PERFORMANCE BY A STUDENT OF THE FACULTY OF COMPUTING****5.45 PM – 6.00 PM****Vote of Thanks by Mrs. Saranga Somaweera**
Secretary, ICARC 2026**6.15 PM****University Song**

Plenary Sessions Schedule

Date/Time	Track	Plenary Speaker	Rapporteur
Wednesday, 18th February 2026			
09.00 am – 09.30 am	AI & ML	Dr. HMDK Herath University of Peradeniya, Sri Lanka.	Mr. Nishankar Sathiyamohan Lecturer, SUSL
09.00 am – 09.30 am	TA & NLP	Prof. Supunmali Ahangama University of Moratuwa, Sri Lanka	Dr. UAP Ishanka Sabaragamuwa University of Sri Lanka.
09.00 am – 09.30 am	CN & IOT	Prof. Dr. S. Radhakrishnan University of Peradeniya, Sri Lanka.	Ms. PKDK Kaushalya Sabaragamuwa University of Sri Lanka.
09.00 am – 09.30 am	Industry	Mr. Kavinga Upul Ekanayaka ACCELR (Pvt) Ltd., Sri Lanka.	Mr. HMKT Gunawardhana Sabaragamuwa University of Sri Lanka.
09.00 am – 09.30 am	Health	Prof. Buddhika Jayasekara University of Moratuwa, Sri Lanka.	Mr. GACA Herath Sabaragamuwa University of Sri Lanka.
09.00 am – 09.30 am	Open	Mr. Dinesh Asanka University of Kelaniya, Sri Lanka.	Ms. Nirubikkaa Sabaragamuwa University of Sri Lanka.
Thursday, 19th February 2026			
09.00 am – 09.30 am	SE & KE	Prof. Anuradha Karunasena SLIIT, Sri Lanka	Dr. LS Lekamge Sabaragamuwa University of Sri Lanka.
09.00 am – 09.30 am	Gen AI	Prof. Roshan Ragel University of Peradeniya, Sri Lanka	Ms. KT Dananjali Sabaragamuwa University of Sri Lanka.

Table 4: Conference Plenary Sessions Schedule – 2026

Workshop Schedule

Workshop 01

Generative AI for Technology-Enhanced Learning: Prompt Engineering, Multimedia, and Interactive Content Generation

👤 Resource Persons:

Ms. S. Rajasingham & Dr. U. S. Premarathne
The Open University of Sri Lanka

📄 Description:

This tutorial explores how Generative AI is reshaping education through content creation and personalization. Participants will gain practical skills in prompt engineering and creating interactive content with H5P, balancing creativity with ethical responsibility.

✉️ Inquiries:

Dr. Samiru Gayan (Workshops & Tutorial Chair) | samirug@uom.lk

📅 15th Feb 2026

🕒 09.00 AM – 12.00 PM

🌐 Online Mode



Scan to Register

Workshop 02

From Fundamentals to Applications: Machine Learning and Reinforcement Learning in NextG Wireless Systems

👤 Resource Persons:

Dr. S.A.H.A. Suraweera, Dr. Nancy Nayak, Dr. Ayan Mondal

📄 Description:

A comprehensive view of AI integration in wireless communication. Covers Deep Reinforcement Learning (DRL) for optimization, semantic communication for efficiency, and Edge-AI architectures for IoT ecosystems.

✉️ Inquiries:

Dr. Samiru Gayan (Workshops & Tutorial Chair) | samirug@uom.lk

📅 15th Feb 2026

🕒 01.00 PM – 04.00 PM

🌐 Online Mode



Scan to Register

Tutorial Schedule

Tutorial 01

Social Media Text Analytics

Resource Persons:

Dr. Suresha Perera (OUSL), Prof. Supunmali Ahangama (UoM), Dr. Lochandaka Ranathunga (UoM), Ms. Sandunika Hathnapitiya (Ardil-lalabs), Ms. Kalhari Walawage (IIT)

Description:

This hands-on session introduces fundamental and emerging NLP techniques. It explores LLMs for sentiment analysis, topic modeling, and image-text extraction within ethical and legal frameworks.

Inquiries:

Dr. Samiru Gayan | samirug@uom.lk

 13th Feb 2026

 09.00 AM – 12.00 PM

 Online Mode



Scan to Register

Tutorial 02

Industrial-Scale Cyber Defense: AI Applications in Finance, Health-care, and Critical Infrastructure

Resource Persons:

Dr. Ishu Sharma (CGC, India), Dr. Keshav Kaushik (Sharda Univ, India), Prof. Ehsan Sheybani (USF, USA)

Description:

Focusing on securing critical sectors, this tutorial covers ML/DL applications in fraud detection and medical data protection, bridging the gap between research and industrial-scale defense.

Inquiries:

Dr. Samiru Gayan | samirug@uom.lk

 13th Feb 2026

 01.00 PM – 04.00 PM

 Online Mode



Tutorial 03**Curriculum Learning: An Efficient Learning Paradigm****👤 Resource Persons:**

Mr. Menan Velayuthan (Utrecht), Ms. Savini Kommalage (SLIIT), Mr. Dulara Madusanka (SLIIT), Mr. Sanka Mohottala (SLIIT), Mr. Asiri Gawesha (SLIIT)

📄 Description:

This session introduces Curriculum Learning (CL), organizing data from "easy to hard" to improve efficiency. Includes theoretical foundations and hands-on sessions using CL libraries.

✉️ Inquiries:

Ms. Savini Kommalage | it24100641@my.sliit.lk

📅 14th Feb 2026

🕒 09.00 PM – 12.00 PM

🌐 Online Mode



Scan to Register

IEEE Women in Engineering (WIE) Session

Session Overview

Title: Breaking Barriers: Empowering Women Innovators in Emerging Technologies

Objective: This session seeks to empower women in science, technology, and engineering to lead innovation in emerging fields such as AI, biotech, quantum computing, and sustainable tech. By addressing barriers, fostering confidence, and highlighting the importance of mentorship, networking, and inclusive policies, it aims to equip participants with the tools and inspiration to drive meaningful impact in research, industry, and entrepreneurship.

 **Date:** 04.01.2026

 **Time:** 06.00 p.m. - 07.00 p.m

 **Registration:** [Click here to Register](#)

Meet Our Panelists



Professor Prerna Gaur

Chair, IEEE India Council 2025

Director, West Campus, NSUT

<https://www.nsut.ac.in/en/prof-prerna-gaur>



Dr. Ir. Neeli Prasad

CEO & Co-Founder | IEEE WIE Treasurer

Delft, The Netherlands / Mountain View, USA

<https://www.comsoc.org/neeli-prasad>



Dr. Windhya Rankothge

Post-Doctoral Research Associate

Canadian Institute for Cybersecurity

<https://www.sliit.lk/faculty-of-computing/staff/windhya.r/>

WIE Panel Discussion Summary



ICARC 2026 – Women in Engineering (WIE) Session

Breaking Barriers: Empowering Women Innovators in Emerging Technologies

Executive Summary

This session was strategically organized to empower women in science, technology, and engineering to lead innovation in rapidly evolving domains. By addressing systemic barriers and fostering professional confidence, the discussion highlighted the critical roles of leadership, mentorship, and inclusive policy-making in technology ecosystems.

The panel provided deep insights into high-impact fields including **Artificial Intelligence, Cybersecurity, and Sustainable Technologies**, serving as a catalyst for students and early-career professionals to pursue excellence in research and entrepreneurship.



GenAI Awareness & Practical Skills Workshops

To Leverage Generative AI for Job Augmentation and Workforce Productivity

Workshop Overview

We are pleased to invite the operational and administrative staff of the **Sabaragamuwa University of Sri Lanka** to register for the GenAI Awareness and Practical Skills Workshop. This program is specifically designed to enhance job effectiveness and improve workplace productivity through the responsible use of Generative AI.

- ✓ **Enhance Productivity:** Discover practical methods to streamline day-to-day administrative and operational work.
- ✓ **Responsible Use:** Understand the ethical considerations and best practices for AI integration in a university environment.
- ✓ **Hands-on Experience:** Participate in practical sessions aimed at immediate skill application.



Event Schedule & Venue



Venue Faculty of Computing, Sabaragamuwa University of Sri Lanka



Dates 18th and 19th February 2026



Host AI Forum for Administrative & Operational Staff (AIFAOS)

In Collaboration with



Faculty of Computing
Sabaragamuwa University of
Sri Lanka



ICARC 2026
Organizing Partner



LEARN
Lanka Education and Research
Network

Technical Session: AI & Machine Learning

Session Details		
Day / Date	Wednesday, 18th February 2026	
Venue	Lecture Hall No. 16	
Time	9.00 am – 12.40 pm	
Session	Artificial Intelligence and Machine Learning - I	
Session Chair	Dr. Damayanthi Herath (UoP), Prof. EMUWJB Ekanayake (UWU)	
Panel Members	Prof. BTGS Kumara (SUSL), Prof. RAHM Rupasingha (SUSL), Dr. Lochandaka Ranathunga (UoM)	
Rapporteur	Mr. Nishankar Sathiyamohan, Sabaragamuwa University of Sri Lanka	
Coordinator	Mr. WD Dimuthu Lakshan, Sabaragamuwa University of Sri Lanka	
Time	Activity	
09.00 am – 09.05 am	Introduction of the Chair	
09.05 am – 09.30 am	Plenary Speech by the Track Chair	
Time	ID	Paper Title
09.30 am - 09.45 am	106	DeFungi Image Classification with Image Enhancement and Feature Fusion
09.45 am - 10.00 am	375	Artificial Intelligence–Driven Tourism Platform for Personalized, Safe, and Sustainable Journey Planning
10.00 am - 10.15 am	299	Multidimensional Prediction of Student Academic Performance Using Explainable Machine Learning Models
10.15 am - 10.30 am	340	Autoencoder Based Real-Time Anomalous Human Activity Detection in High-Security and Public Environments Using On-Device Spatiotemporal AI
10.30 am - 10.45 am	15	Overcoming the Cold Start Problem of Collaborative Filtering Recommendation Systems: A Hybrid Model Combining Online Clustering and Sequential Learning
10.45 am - 11.00 am	21	Enhanced Weakly Supervised Learning for 3D Hand Pose Estimation
11.00 am - 11.15 am	108	Robust Bus Dwell Time Predictive Machine Learning Model by Handling Real Concept Drift

Time	ID	Paper Title
11.15 am - 11.30 am	130	Explainability, risk modeling, and segmentation based customer churn analytics for personalized retention in e-commerce
11.30 am - 11.45 am	144	Knowledge Graph-based Retrieval-Augmented Generation System for Domain-Specific Information Extraction with Glossary-Aided Responses
11.45 am - 12.00 pm	148	Metadata-Aware Agentic RAG Framework for Disaster Response and Task Synthesis
12.00 pm - 12.15 pm	378	A Real-Time Wearable Multimodal Fear Detection and Alert System
12.15 pm - 12.20 pm	Q&A Session	
12.20 pm - 12.40 pm	Summing up by the Chair	

Table 5: Session Schedule: Artificial Intelligence and Machine Learning - I

Session Details		
Day / Date	Thursday, 19th February 2026	
Venue	Lecture Hall No. 16	
Time	9.00 am – 11.20 am	
Session	Artificial Intelligence and Machine Learning - II	
Session Chair	Prof. EMUWJB Ekanayake, Uva Wellassa University	
Panel Members	Mr. GACA Herath (SUSL), Dr. Prasanna Sumathipala (SLIIT), Prof. RAHM Rupasingha (SUSL)	
Rapporteur	Mr. Nishankar Sathiyamohan, Sabaragamuwa University of Sri Lanka	
Coordinator	Mr. WD Dimuthu Lakshan, Sabaragamuwa University of Sri Lanka	
Time	Activity	
09.00 am – 09.05 am	Introduction of the Chair	
Time	ID	Paper Title
09.05 am - 09.20 am	189	Enhanced Environmental Sound Classification With Kolmogorov-Arnold Networks
09.20 am - 09.35 am	214	Real-Time Emotion and Facial Expression-Driven Human-Computer Interaction for Personalized Experiences
09.35 am - 09.50 am	222	CheX-DFuseNet: Multi-Label Chest Disease Classification Using a Hybrid CNN-ViT Framework with Dynamic Fusion Gate
09.50 am - 10.05 am	228	Deep Learning-based Multi-scale Water Body Segmentation from UAV Imagery
10.05 am - 10.20 am	243	InfluesCO: Recommending the Right Sri Lankan YouTube Influencer for Your Marketing Needs
10.20 am - 10.35 am	250	Prioritized Cross-Model Verification System for Hallucination Detection in Black-Box Large Language Models
10.35 am - 10.50 am	253	GCN-based Missing Data Handling in Spatiotemporal Flood Forecasting: Evidence from the Colombo Wetlands
10.50 am - 11.05 am	259	Multi-Site Privacy-Preserving Cataract Detection from Fundus Images with EVA-02 Vision Transformers through Federated Deep Learning
11.05 am - 11.10 am	Q&A Session	

Time	ID	Paper Title
11.10 am - 11.20 am		Summing up by the Chair

Table 6: Session Schedule: Artificial Intelligence and Machine Learning - II

Session Details		
Day / Date	Thursday, 19th February 2026	
Venue	Lecture Hall No. 16	
Time	11.45 am – 01.20 pm	
Session	Artificial Intelligence and Machine Learning - III	
Session Chair	Professor BTGS Kumara, Sabaragamuwa University of Sri Lanka	
Panel Members	Prof. RAHM Rupasingha (SUSL), Prof. NV Chandrasekara (UOK), Dr. Sachith P. Abeysundara (UOP)	
Rapporteur	Mr. Nishankar Sathiyamohan, Sabaragamuwa University of Sri Lanka	
Coordinator	Mr. WD Dimuthu Lakshan, Sabaragamuwa University of Sri Lanka	
Time	Activity	
11.45 am – 11.50 am	Introduction of the Chair	
Time	ID	Paper Title
11.50 am - 12.05 pm	265	Safelora : A Real-Time Multimodal Multi-Agent Advisory System for Context-Aware and Safety-Compliant Plant Diseases Management
12.05 pm - 12.20 pm	284	Developing a Data-Driven Credit Scoring System and Optimal Fund Allocation Framework for E-Commerce Merchants
12.20 pm - 12.35 pm	292	Integrating Uncertainty Quantification in AI-Driven Predictive Maintenance for Industrial Systems
12.35 pm - 12.50 pm	311	Emotion-based Classification of TikTok Videos Using CNNs and Hashtag Generation via RAG-Enhanced LLMs
12.50 pm - 01.05 pm	183	Evaluating Instance Segmentation Techniques in Complex Counting Environments using Ornamental Fish Imagery
01.05 pm - 01.10 pm	Q&A Session	
01.10 pm - 01.20 pm	Summing up by the Chair	

Table 7: Session Schedule: Artificial Intelligence and Machine Learning - III

Session Details		
Day / Date	Thursday, 19th February 2026	
Venue	Lecture Hall No. 16	
Time	02.00 pm – 03.50 pm	
Session	Artificial Intelligence and Machine Learning - IV	
Session Chair	Professor BTGS Kumara, Sabaragamuwa University of Sri Lanka	
Panel Members	Prof. RAHM Rupasingha (SUSL), Prof. NV Chandrasekara (UOK), Dr. Sachith P. Abeysundara (UOP)	
Rapporteur	Mr. Nishankar Sathiyamohan, Sabaragamuwa University of Sri Lanka	
Coordinator	Mr. WD Dimuthu Lakshan, Sabaragamuwa University of Sri Lanka	
Time	Activity	
02.00 pm – 02.05 pm	Introduction of the Chair	
Time	ID	Paper Title
02.05 pm - 02.20 pm	348	A Framework For Sequence Classification in Medical Diagnostics using Machine Learning Techniques
02.20 pm - 02.35 pm	366	Deep Learning Techniques for Differentiating Human-Written and AI-Generated Source Codes
02.35 pm - 02.50 pm	322	Hybrid Deep Learning Feature Extraction with Online Incremental Learning for Robust Stock Price Prediction
02.50 pm - 03.05 pm	386	A Hybrid Deep Learning and Machine Learning Approach for Evaluation Of Wushu Kicks
03.05 pm - 03.20 pm	388	A Two-Stage Deep Learning Method for Detecting Dental Lesions and Predicting Their Severity Levels
03.20 pm - 03.35 pm	403	Optimized Hybrid Prophet–Transformer–ESN Interpretable Framework for Solar Power Prediction with Statistical Model Validation
03.35 pm - 03.40 pm	Q&A Session	
03.40 pm - 03.50 pm	Summing up by the Chair	

Table 8: Session Schedule: Artificial Intelligence and Machine Learning - IV

Technical Session: Text Analytics and Natural Language Processing

Session Details		
Day / Date	Wednesday, 18th February 2026	
Venue	Lecture Hall No. 13	
Time	09.00 am – 12.30 pm	
Session	Text Analytics and Natural Language Processing - I	
Session Chair	Prof. Supunmali Ahangama (UoM), Prof. Pradeep Abeyagunawardena (SLIIT)	
Panel Members	Dr. Suresha Nilmini Perera (OUSL), Dr. Suneth Pathirana (UWU), Dr. Thuseethan Selvarajah (Charles Darwin University)	
Rapporteur	Dr. UAP Ishanka (SUSL)	
Coordinator	Ms. WVC Maduwanthi (SUSL)	
Time	Activity	
09.00 am – 09.05 am	Introduction of the Chair	
09.05 am – 09.30 am	Plenary Speech by the Track Chair	
Time	ID	Paper Title
09:30 – 09:45	154	Speech and Text Based Students’ Mental Health Detection System Using NLP with XAI
09:45 – 10:00	203	Developing a Fine-Tuned Solution for Solving Numerical Linear Algebra Problems Using LLMs
10:00 – 10:15	294	Explainable AI–Based Automated Grading of Essay and MCQ Responses Using Semantic Similarity
10:15 – 10:30	360	Improving Label Consistency in Tamil Emotion Datasets through a Multi-Method Relabeling Pipeline
10:30 – 10:45	233	Automating Voice-based Conversations into Formal User Stories using LLM and Speech Recognition
10:45 – 11:00	347	Dynamic Portfolio Allocation in Algorithmic Trading using Sentiment Analysis
11:00 – 11:15	163	Developing a Sinhala Speech Recognition System Using Whisper
11:15 – 11:30	169	Bridging Linguistic Gaps: Neural Machine Translation between Hindi and Malayalam

Time	ID	Paper Title
11:30 – 11:45	170	Implementation of a Web-Based Complex Formula Editor
11:45 – 12:00	180	Building a Low-Resource Bikol Naga–English Parallel Corpus
12:00 – 12:15	190	Hate Speech Detection in Romanized Sinhala Text using Multilingual Transformer Models
12.15 pm – 12.20 pm	Q&A Session	
12.20 pm – 12.30 pm	Summing up by the Chair	

Table 9: Session Schedule: Text Analytics and NLP - I – Day 01

Session Details		
Day / Date	Thursday, 19th February 2026	
Venue	Lecture Hall No. 13	
Time	9.00 am – 11.20 am	
Session	Text Analytics and Natural Language Processing - II	
Session Chair	Dr. Suneth Pathirana, University of Uwa Wellassa	
Panel Members	Dr. Suresha Nilmini Perera (OUSL), Dr. UAP Ishanka (SUSL), Dr. Pradeep Kalansooriya (KDU)	
Rapporteur	Ms. Dineshika, Sabaragamuwa University of Sri Lanka	
Coordinator	Ms. WVC Maduwanthi, Sabaragamuwa University of Sri Lanka	
Time	Activity	
09.00 am – 09.05 am	Introduction of the Chair	
Time	ID	Paper Title
09.05 am - 09.20 am	300	Meme-Based Sentiment Shift Prediction in Financial Markets
09.20 am - 09.35 am	225	Fine-Tuning SinLlama for Sentiment Analysis in Romanized Sinhala-English Code-Mixed Social Media Text
09.35 am - 09.50 am	267	Paying Attention to Cause and Effect: A Prototype Framework for Analyzing Mechanical Causality Attention Patterns in Transformer Models
09.50 am - 10.05 am	271	An Attention-Enhanced CNN-BERT Model with TF-IDF Feature Fusion for Cross-Domain Sentiment Analysis
10.05 am - 10.20 am	191	A Hybrid NLP Time Series Framework for Emotion, Sentiment, and Trend Forecasting: A Social-Media-Driven Decision Model for Sri Lankan Cake Businesses
10.20 am - 10.35 am	306	Optimizing DistilBERT for Low-Resource Sentiment Analysis: A Study on Global Unstructured L1-Norm Pruning and Accuracy-Efficiency Trade-offs
10.35 am - 10.50 am	313	A Stage-Aware Framework for Automated IEEE Research Paper Compliance Checking Using Layout Analysis, Rule-Based Validation, and Semantic Evaluation
10.50 am - 11.05 am	314	Neural Machine Translation in English to Tamil using Parameter-Efficient Fine-Tuning
11.05 am - 11.10 am	Q&A Session	

Time	ID	Paper Title
11.10 am - 11.20 am		Summing up by the Chair

Table 10: Session Schedule: Text Analytics and NLP - II – Day 02

Session Details		
Day / Date	Thursday, 19th February 2026	
Venue	Lecture Hall No. 13	
Time	11.45 am – 01.15 pm	
Session	Text Analytics and Natural Language Processing - III	
Session Chair	Dr. Lochandaka Ranathunga, University of Moratuwa	
Panel Members	Dr. Suresha Nilmini Perera (OUSL), Dr. Suneth Pathirana (UWU), Dr. Pradeep Kalansooriya (KDU)	
Rapporteur	Dr. UAP Ishanka, Sabaragamuwa University of Sri Lanka	
Coordinator	Ms. WVC Maduwanthi, Sabaragamuwa University of Sri Lanka	
Time	Activity	
11.45 am – 11.50 am	Introduction of the Chair	
Time	ID	Paper Title
11.50 am - 12.10 pm	333	A Unified Pipeline for Automated Meeting Documentation Using Speech-to-Text, Abstractive Summarization and Sentiment Analysis
12.10 pm - 12.25 pm	309	Quantum Reinforcement Learning for Adaptive Fine-Tuning of Large Language Models: A Novel Approach to Hate-Speech Detection
12.25 pm - 12.35 pm	355	Sinhala Automatic Text Summarization: Dataset Creation and Comparative Evaluation
12.35 pm - 12.50 pm	364	Evaluating NVivo, R, and Large Language Models for Thematic Analysis: Comparative Computational Insights for Qualitative Researchers
12.50 pm - 01.05 pm	370	Restoring Sinhala Text at Word and Letter Level using A Masked Language Model and Statistical Fusion
01.05 pm - 01.10 pm	Q&A Session	
1.10 pm - 1.15 pm	Summing up by the Chair	

Table 11: Session Schedule: Text Analytics and NLP - III

Session Details		
Day / Date	Thursday, 19th February 2026	
Venue	Lecture Hall No. 13	
Time	02.00 pm – 02.50 pm	
Session	Text Analytics and Natural Language Processing - IV	
Session Chair	Dr. Lochandaka Ranathunga, University of Moratuwa	
Panel Members	Dr. Suresha Nilmini Perera (OUSL), Dr. Suneth Pathirana (UWU), Dr. Pradeep Kalansooriya (KDU)	
Rapporteur	Dr. UAP Ishanka, Sabaragamuwa University of Sri Lanka	
Coordinator	Ms. WVC Maduwanthi, Sabaragamuwa University of Sri Lanka	
Time	Activity	
02.00 pm – 02.05 pm	Introduction of the Chair	
Time	ID	Paper Title
02.05 pm - 02.20 pm	385	Hate Speech Detection with SOCOLD: Sinhala Obfuscated & Code-Mixed Offensive Language Dataset
02.20 pm - 02.35 pm	391	Capsule Network-Based Dynamic Routing to detect Hate Speech on Twitter
02.35 pm - 02.40 pm	Q&A Session	
02.40 pm - 02.50 pm	Summing up by the Chair	

Table 12: Session Schedule: Text Analytics and NLP - IV

Technical Session: Computer Networks & IoT

Session Details		
Day / Date	Wednesday, 18th February 2026	
Venue	Lecture Hall No. 18	
Time	9.00 am – 12.30 pm	
Session	Computer Networks and Internet of Things - I	
Session Chair	Dr. Swarnalatha Rathakirshnan (UoP), Dr. Rasara Samarasinghe (UoM)	
Panel Members	Dr. Pasan Maduranga (USJ), Dr. Isuru Lakmal (NSBM), Dr. Sabyasachi Bhattacharyya (BVEC, India)	
Rapporteur	Ms. PKDK Kaushalya, Sabaragamuwa University of Sri Lanka	
Coordinator	Mr. A. A. S. Amath, Sabaragamuwa University of Sri Lanka	
Time	Activity	
09.00 am – 09.05 am	Introduction of the Chair	
09.05 am – 09.30 am	Plenary Speech by the Track Chair	
Time	ID	Paper Title
09.30 am - 09.45 am	237	AI Automation for Seed Germination with SSD-Mobilenetv2 Detection and ESP32 IoT Prototype
09.45 am - 10.00 am	252	Predictive Air Quality Monitoring System With Adaptive Sampling And 4G LTE
10.00 am - 10.15 am	159	Improving Flow Rule Eviction Policy in Software-Defined Networks
10.15 am - 10.30 am	16	An Automated Framework for Web Browser History Retrieval and Forensic Analysis: A Tool Histo-Seek
10.30 am - 10.45 am	140	MediTrack: An Intelligent IoT Framework for Medication Adherence and Real-Time Health Monitoring
10.45 am - 11.00 am	166	Trust based Selection of Cluster and Sector Heads in Integrated 6G VANET Networks
11.00 am - 11.15 am	168	Adaptive Encryption Framework for Secure Server Communications
11.15 am - 11.30 am	205	A Python-Based TN-NTN Link Switching Algorithm Using RSS, Doppler, and Elevation Angle Constraints
11.30 am - 11.45 am	226	IoT-Enabled Networked Germination Chamber with Real-Time Cloud Monitoring and Environmental Control

Time	ID	Paper Title	
11.45 am - 12.00 pm	231	Smart IoT-Enabled Mushroom Incubator with Automated Microclimate Control and Cloud Monitoring	
12.00 pm - 12.15 pm	110	Adaptive Riemannian Manifold Learning for Real-Time Spectrum Sensing in Cognitive Radio Networks	
12.15 pm - 12.20 pm	Q&A Session		
12.20 pm - 12.30 pm	Summing up by the Chair		

Table 13: Session Schedule: Computer Networks and Internet of Things - I

Technical Session: Software Engineering and Knowledge Engineering

Session Details		
Day / Date	Thursday, 19th February 2026	
Venue	Lecture Hall No. 14	
Time	09.00 am – 11.00 am	
Session	Software Engineering and Knowledge Engineering - I	
Session Chair	Prof. Anuradha Karunasena Sri Lankan Institute of Technology, Sri Lanka., Prof. RVSPK Ranathunga, Sabaragamuwa University of Sri Lanka	
Panel Members	Dr. EYA Charles (UoJ), Dr. Samanthi Wickramasinghe (ICASL), Ms. Yasanthika Mathotaarachchi (NSBM)	
Rapporteur	Dr. LS Lekamge, Sabaragamuwa University of Sri Lanka	
Coordinator	Ms. AWT Dulmini, Sabaragamuwa University of Sri Lanka	
Time	Activity	
09.00 am – 09.05 am	Introduction of the Chair	
09.05 am – 09.30 am	Plenary Speech by the Track Chair	
Time	ID	Paper Title
09.30 am – 09.45 am	95	B+ Indexer: Self-Regulated and Automatic Database Index Maintenance Using Artificial Neural Network
09.45 am – 10.00 am	195	A Version-Aware Metric for Measuring Innovation in Software Code Patterns
10.00 am – 10.15 am	211	The Role of Developer Communication in Analyzing Burnout: A Deep Learning Approach
10.15 am – 10.30 am	279	Developer Sentiment in Open Source: Effects of Commit Frequency, Time, and Issue Characteristics
10.30 am – 10.45 am	301	LLM-based Unit Test Cases Generation for React, Vue, and Angular Components
10.45 am – 10.50 am	Q&A Session	
10.50 am – 11.00 am	Summing up by the Chair	

Table 14: Session Schedule: Software Engineering and Knowledge Engineering - I

Session Details		
Day / Date	Thursday, 19th February 2026	
Venue	Lecture Hall No. 14	
Time	11.30 am – 1.15 pm	
Session	Software Engineering and Knowledge Engineering - II	
Session Chair	Professor RVSPK Ranathunga, Sabaragamuwa University of Sri Lanka	
Panel Members	Dr. EYA Charles (UoJ), Dr. Samanthi Wickramasinghe (ICASL), Ms. Yasanthika Mathotaarachchi (NSBM)	
Rapporteur	Dr. LS Lekamge, Sabaragamuwa University of Sri Lanka	
Coordinator	Ms. AWT Dulmini, Sabaragamuwa University of Sri Lanka	
Time	Activity	
11.30 am – 11.35 am	Introduction of the Chair	
Time	ID	Paper Title
11:35 am – 11:50 am	389	Lean-Agile Software Development: Affecting Factors and a Roadmap for Adoption
11:50 am – 12:05 pm	398	Factors Influencing Developers' Intention to Choose Frameworks vs Core Languages in Software Development
12:05 pm – 12:20 pm	422	Evaluation of an Explainable LLM-Powered Chat-Ops for CI/CD Pipeline Diagnostics and Developer Support
12.20 pm – 12.25 pm	Q&A Session	
12.25 pm – 12.35 pm	Summing up by the Chair	

Table 15: Session Schedule: Software Engineering and Knowledge Engineering - II

Technical Session: Generative AI in Education

Session Details		
Day / Date	Thursday, 19th February 2026	
Venue	Lecture Hall No. 18	
Time	9.00 am – 11.00 am	
Session	Generative AI in Education: Emerging Paradigms, Practices, and Possibilities	
Session Chair	Professor Roshan G. Ragel, University of Peradeniya	
Panel Members	Dr. R. Nirthika (UoJ), Dr. Ruwan D. Nawarathna (UoP), Dr. MM Mohamed Mufassirin (SEUSL)	
Rapporteur	Ms. KT Dananjali, Sabaragamuwa University of Sri Lanka	
Coordinator	Mr. YMS Tharaka, Sabaragamuwa University of Sri Lanka	
Time	Activity	
09.00 am – 09.05 am	Introduction of the Chair	
09.05 am – 09.30 am	Plenary Speech by the Track Chair	
Time	ID	Paper Title
09.30 am - 09.45 am	223	Personalizing University Support: Benchmarking Lightweight RAG Systems Against Commercial LLMs in Higher Education Administration
09.45 am - 10.00 am	137	Perceived Information Quality and Critical Thinking as Mediators between AI Literacy and Students' Satisfaction with Generative AI Tools
10.00 am - 10.15 am	210	The Impact of Murf AI and Canva AI-Generated Audio-Visual Aids on Enhancing the Pronunciation and Fluency of Grade Five ESL Learners in Sri Lankan English Medium School
10.15 am - 10.30 am	217	Integrating ChatGPT into ESL Material Development: Perceptions of the University Instructors
10.30 am - 10.45 am	363	From AI Assistance to Critical Thinking: Exploring Cognitive Offloading and Metacognition as Mechanisms within Personalized Learning Environments
10.45 am - 10.50 am	Q&A Session	

Time	ID	Paper Title
10.50 am - 11.00 am		Summing up by the Chair

Table 16: Session Schedule: Generative AI in Education – Day 02

Technical Session: Digital Transformation & Industry 5.0

Session Details		
Day / Date	Wednesday, 18th February 2026	
Venue	Lecture Hall No. 12	
Time	9.00 am – 12.40 pm	
Session	Digital Transformation and Industry 5.0 - I	
Session Chair	Mr. Kavinga Upul Ekanayake, ACCELRL (Pvt) Ltd.	
Panel Members	Dr. Pulasthi Gunawardhana (USJP), Ms. Sewwandie Namyakkara (Sysco Labs), Mr. Dhammika Marasinghe (99X)	
Rapporteur	Mr. HMKT Gunawardhana, Sabaragamuwa University of Sri Lanka	
Coordinator	Ms. S. Sweshtika, Sabaragamuwa University of Sri Lanka	
Time	Activity	
09.00 am – 09.05 am	Introduction of the Chair	
09.05 am – 09.30 am	Plenary Speech by the Track Chair	
Time	ID	Paper Title
09.30 am - 09.45 am	234	Real-Time Anomaly Detection for High-Variation Defects in Narrow Fabric Production
09.45 am - 10.00 am	260	Evaluating the Effectiveness of Culturally Responsive Digital Platforms in Overcoming Legal and Institutional Barriers to Urgent Crisis Assistance for Unregistered Migrant Workers
10.00 am - 10.15 am	344	Smart Sunglasses with Haptic Feedback for Visually Impaired Navigation
10.15 am - 10.30 am	345	Context-Aware Deep Learning for Waste Classification and Recycling Path Recommendation Towards a Circular Economy
10.30 am - 10.45 am	158	Prioritizing Factors Influencing Blockchain Adoption in Sri Lankan Logistics: An AHP-Based Assessment
10.45 am - 11.00 am	134	Specialized LiDAR Scanning Strategies for Stockpile Volumetric Measurement
11.00 am - 11.15 am	141	Deep Learning Based District Level Paddy Production Forecasting: A Study Based on Agricultural Behaviour in Sri Lanka

Time	ID	Paper Title
11.15 am - 11.30 am	147	TryOnAI: Revolutionizing Online Shopping with Augmented Reality and Deep Learning for Virtual Try-Ons and Size Prediction
11.30 am - 11.45 am	357	Frugal Edge AI: Robust TinyML for Predictive Maintenance in Sri Lankan MSMEs
11.45 am - 12.00 pm	178	Real-Time ML Integration with CFS to Improve Power Efficiency in Non-Hybrid Linux Systems.
12.00 pm - 12.15 pm	181	Deep-Machine Learning Integration for Enhanced Pest Detection in Mangifera indica (Mango)
12.15 pm - 12.20 pm	Q&A Session	
12.20 pm - 12.40 pm	Summing up by the Chair	

Table 17: Session Schedule: Digital Transformation and Industry 5.0 - I

Session Details		
Day / Date	Thursday, 19th February 2026	
Venue	Lecture Hall No. 12	
Time	9.00 am – 11.20 am	
Session	Digital Transformation and Industry 5.0 - II	
Session Chair	Mr. Kavinga Upul Ekanayake, ACCEL R (Pvt) Ltd.	
Panel Members	Prof. J.M.J.W. Jayasinghe (WUS), Ms. Sewwandi Nanayakara (Sysco Labs), Mr. Dhammika Marasinghe (99X)	
Rapporteur	Mr. HMKT Gunawardhana, Sabaragamuwa University of Sri Lanka	
Coordinator	Ms. S. Sweshthika, Sabaragamuwa University of Sri Lanka	
Time	Activity	
09.00 am – 09.05 am	Introduction of the Chair	
Time	ID	Paper Title
09.05 am - 09.20 am	79	Electricity Price Forecasting Using BiLSTM Model with Carbon Market Correlation
09.20 am - 09.35 am	173	A Perspective-Correct Real-Time OLED Display System for Enhanced Blind-Spot Perception in Vehicles
09.35 am - 09.50 am	184	Cognition-Inspired Deep Learning Pipeline for Robust Surface Defect Inspection in Manufacturing
09.50 am - 10.05 am	187	Dual-Strategy Localization and Patch-Based Perceptual Evaluation for Industrial Print Inspection
10.05 am - 10.20 am	200	Customer segmentation and churn prediction in the maritime shipping industry using machine learning techniques: A Sri Lankan case study
10.20 am - 10.35 am	230	A Regional Analysis of Millennials' Intention to Use Mobile Payments: Insights from Colombo, Kandy, and Kurunegala.
10.35 am - 10.50 am	283	Facial Expression-Driven Music Recommendations Using CNNs: A Real-Time Emotion Recognition and Recommendation Approach
10.50 am - 11.05 am	297	AI-Driven Dual CNN System for Automated Tomato Ripeness Classification and Defect Detection
11.05 am - 11.10 am	Q&A Session	
11.10 am - 11.20 am	Summing up by the Chair	

Table 18: Session Schedule: Digital Transformation and Industry 5.0 - II

Session Details		
Day / Date	Thursday, 19th February 2026	
Venue	Lecture Hall No. 12	
Time	11.45 am – 01.20 pm	
Session	Digital Transformation and Industry 5.0 - III	
Session Chair	Mr. Kavinga Upul Ekanayake, ACCEL R (Pvt) Ltd.	
Panel Members	Prof. J.M.J.W. Jayasinghe(WUS), Ms.Sewwandi Nanayakara (Syscho Labs), Mr. Dhammika Marasinghe (99X)	
Rapporteur	Mr. HMKT Gunawardhana, Sabaragamuwa University of Sri Lanka	
Coordinator	Ms. S. Sweshthika, Sabaragamuwa University of Sri Lanka	
Time	Activity	
11.45 am – 11.50 am	Introduction of the Chair	
Time	ID	Paper Title
11.50 am - 12.05 pm	310	Enhancing Human-AI Collaboration in Management Decision Making: An Empirical Framework for Decision Support in Digital Transformation
12.05 pm - 12.20 pm	316	Adoption of Industry 5.0 Technologies in the (3PL) Sector in Sri Lanka
12.20 pm - 12.35 pm	321	Empowering Women in the Digital Economy: Mobile Wallets, Digital Cards, and the Moderating Role of Digital Financial Literacy
12.35 pm - 12.50 pm	327	CeylonMate - Smart Tourism Companion for Foreign Travelers in Sri Lanka
12.50 pm - 01.05 pm	354	SEATIFY: A Real-Time Restaurant/Cafe Occupancy Monitoring System Using CCTV Feed
01.05 pm - 01.10 pm	Q&A Session	
01.10 pm - 01.20 pm	Summing up by the Chair	

Table 19: Session Schedule: Digital Transformation and Industry 5.0 - III

Session Details		
Day / Date	Thursday, 19th February 2026	
Venue	Lecture Hall No. 12	
Time	02.00 pm – 04.05 pm	
Session	Digital Transformation and Industry 5.0 - IV	
Session Chair	Mr. Kavinga Upul Ekanayake, ACCEL R (Pvt) Ltd.	
Panel Members	Dr. Lakshika S. Nawarathna (UOP), Ms. Sewwandi Nanayakara (Sysco Labs), Mr. Dhammika Marasinghe (99X)	
Rapporteur	Mr. HMKT Gunawardhana, Sabaragamuwa University of Sri Lanka	
Coordinator	Ms. S. Sweshthika, Sabaragamuwa University of Sri Lanka	
Time	Activity	
02.00 pm – 02.05 pm	Introduction of the Chair	
Time	ID	Paper Title
02.05 pm - 02.20 pm	288	Customizing and Co-Designing of Apparel in Online Retail: Ontology-Based Configuration System Modeling and Development
02.20 pm - 02.35 pm	376	Prioritizing Factors Influencing Cloud ERP Adoption in Sri Lankan Organizations: An Analytic Hierarchy Process (AHP) Approach
02.35 pm - 02.50 pm	400	Investigating Factors Influencing Behavioral Intention Toward the Implementation of a New ERP System in the Financial Management Sector of Organizations in Sri Lanka's Automobile Industry
02.50 pm - 03.05 pm	412	Readiness Assessment and Barriers Identification in Adopting Sustainable Smart Warehousing Practices in Sri Lanka's FMCG Sector
03.05 pm - 03.20 pm	103	A Machine Learning Based Approach for Detection and Classification of Fault and Fault Location in Medium Voltage Power System
03.20 pm - 03.35 pm	371	AI-Driven Image Analysis for Offline Identification of Common Cinnamon Plant Pests Using Edge Computing
03.35 pm - 03.50 pm	273	Trust as a Behavioral Driver of Blockchain Technology in Supply Chains
03.50 pm - 03.55 pm	Q&A Session	
03.55 pm - 04.05 pm	Summing up by the Chair	

Table 20: Session Schedule: Digital Transformation and Industry 5.0 - IV

Technical Session: Digital Transformation in Health Care

Session Details		
Day / Date	Wednesday, 18th February 2026	
Venue	Lecture Hall No. 15	
Time	09.00 am – 12.30 pm	
Session	Digital Transformation in Health Care - I	
Session Chair	Professor Buddhika Jayasekara, University of Moratuwa	
Panel Members	Prof. Thushari Silva (UoM), Dr. Thilina Thanthriwatta (UoM), Dr. DD Menaka Ranasinghe (OUSL)	
Rapporteur	Mr. GACA Herath, Sabaragamuwa University of Sri Lanka	
Coordinator	Ms. WMLS Abeythunga, Sabaragamuwa University of Sri Lanka	
Time	Activity	
09.00 am – 09.05 am	Introduction of the Chair	
09.05 am – 09.30 am	Plenary Speech by the Track Chair	
Time	ID	Paper Title
09.30 am - 09.45 am	129	Data-Driven Forecasting for Drug Control through Predictive Modeling of Heroin Cases in Sri Lanka
09.45 am - 10.00 am	215	A Scalable Semantic-Aware ETL–OLAP Data Warehouse Architecture for Comprehensive EHR-Based Healthcare Analytics
10.00 am - 10.15 am	248	Real-Time ETL for EAV-Modeled Clinical Data: A CDC-Based Approach Using OpenMRS
10.15 am - 10.30 am	266	A framework to value sustainability of procurement in Sri Lanka’s health sector, integrating the EU-MEAT concept to the e-GP platform
10.30 am - 10.45 am	351	Explainable AI-Driven Early Screening of Polycystic Ovary Syndrome
10.45 am - 11.00 am	372	Explainable AI for Heart Disease Prediction using CNNs
11.00 am - 11.15 am	411	Knowledge-Based Ontology Framework for Assessing Depression in Diabetes Patients in Sri Lanka

Time	ID	Paper Title
11.15 am - 11.30 am	383	Deep Learning Based Diagnosis of Acute Lymphoblastic Leukemia Through White Blood Cell Segmentation Using Multi-microscopic Images
11.30 am - 11.45 am	238	Multi View Mammogram Analysis with Segmented Breast Masses and Calcifications for BI-RADS Classification
11.45 am - 12.00 pm	393	ECG Signal Classification for Heart Disease Diagnosis with Deep Learning and Explainable AI: A Sri Lankan Study
12.00 pm - 12.15 pm	104	Two-Stage Deep Learning Pipeline for Colon Cancer Detection and Histological Grading Using Transfer Learning and Ensemble Methods
12.15 pm - 12.20 pm	Q&A Session	
12.20 pm - 12.30 pm	Summing up by the Chair	

Table 21: Session Schedule: Digital Transformation in Health Care - I

Session Details		
Day / Date	Thursday, 19th February 2026	
Venue	Lecture Hall No. 15	
Time	9.00 am – 11.20 am	
Session	Digital Transformation in Health Care - II	
Session Chair	Professor Buddhika Jayasekara, University of Moratuwa	
Panel Members	Dr. Thilina Thanthriwatta (UoM), Dr. Enosha Hettiarachchi (UCSC), Dr. Kasun Karunanayaka (UCSC)	
Rapporteur	Mrs. WTS Somaweera, Sabaragamuwa University of Sri Lanka	
Coordinator	Ms. WMLS Abeythunga, Sabaragamuwa University of Sri Lanka	
Time	Activity	
09.00 am – 09.05 am	Introduction of the Chair	
Time	ID	Paper Title
09.05 am - 09.20 am	111	A Machine Learning Approach for Predicting the Anxiety Status Among O/L Students - A case study from Elpitiya Educational Zone
09.20 am - 09.35 am	165	A Robust Biometric–Passcode Verification Framework for Privacy Protection in Healthcare Environments
09.35 am - 09.50 am	335	Adaptive System using Edge Machine Learning for Gait Improvement in Patients with Idiopathic Parkinson Disease
09.50 am - 10.05 am	204	Deep Learning-Driven Retinal Vessel Segmentation Using a Transformer-Based Architecture: A Performance Evaluation
10.05 am - 10.20 am	81	Experimental Evaluation of Public Retinal Vessel Segmentation Datasets (2020–2025) with Deep Learning: An Empirical Study
10.20 am - 10.35 am	251	Explainable AI Models for Predicting Major Complications in Thalassemia Patients
10.35 am - 10.50 am	285	AI-XAI-LLM: Interpretable Insights into Stroke Risk Prediction
10.50 am - 11.05 am	346	TSAFN: Temporal Spatial Attention Fusion Network of Alzheimer Disease Classification in MRI.

Time	ID	Paper Title
11.05 am - 11.10 am	Q&A Session	
11.10 am - 11.20 am	Summing up by the Chair	

Table 22: Session Schedule: Digital Transformation in Health Care - II

Session Details		
Day / Date	Thursday, 19th February 2026	
Venue	Lecture Hall No. 15	
Time	11.30 am – 12.50 pm	
Session	Digital Transformation in Health Care - III	
Session Chair	Professor Buddhika Jayasekara University of Moratuwa	
Panel Members	Dr. Thilina Thanthriwatta (UoM), Dr. Enosha Hettiarachchi (UCSC), Dr. Kasun Karunanayaka (UCSC)	
Rapporteur	Mr. GACA Herath, Sabaragamuwa University of Sri Lanka	
Coordinator	Ms. WMLS Abeythunga, Sabaragamuwa University of Sri Lanka	
Time	Activity	
11.30 am – 11.35 am	Introduction of the Chair	
Time	ID	Paper Title
11.35 am - 11.50 am	392	Infection Site from Early Microbiology Specimens Drives Explainable Prediction of Empiric Antibiotic Appropriateness in ICU Patients
11.50 am - 12.05 pm	395	Development and Evaluation of Serenox, a Mobile Sex Education Application to Improve Sexual Health Knowledge Among University Students in Sri Lanka
12.05 pm - 12.20 pm	402	Early Diagnosis of Diabetic Retinopathy Through AI-Based Optimized Ensemble Classification
12.20 pm - 12.35 pm	416	Mitigating Bias and Hallucinations in LLMs through Prompt Engineering and Knowledge-Grounded Approaches in Healthcare Domain
12.35 pm - 12.40 pm	Q&A Session	
12.40 pm - 12.45 pm	Summing up by the Chair	

Table 23: Session Schedule: Digital Transformation in Health Care - III

Technical Session: Open Track

Session Details		
Day / Date	Wednesday, 18th February 2026	
Venue	Lecture Hall No. 14	
Time	9.00 am – 2.15 pm	
Session	Open Track – Emerging Topics in Computing	
Session Chair	Mr. Dinesh Asanka, University of Kelaniya	
Panel Members	Prof. Anuradha Jayakody (SLIIT), Dr. (Ms.) J. Samantha Tharani (UoJ), Dr. Thilini Mahanama (UoK)	
Rapporteur	Ms. R. Nirubikaa, Sabaragamuwa University of Sri Lanka	
Coordinator	Ms. T. Kayalvizhy, Sabaragamuwa University of Sri Lanka	
Time	Activity	
08.30 am – 08.35 am	Introduction of the Chair	
09.05 am – 09.30 am	Plenary Speech by the Track Chair	
Time	ID	Paper Title
09.30 am - 09.45 am	198	Dimensional Human Emotion Recognition Using Facial landmarks and Electrocardiogram Data
09.45 am - 10.00 am	343	A Multidimensional Data Warehouse Approach to Exploring the Poverty's Role in Child Abusing & Teenage Pregnancy in Sri Lanka
10.00 am - 10.15 am	149	Deepfake Fraud Increased: Study of Indonesian Gen Z's Trust and Acceptance toward Deepfake
10.15 am - 10.30 am	179	Cloud-Resilient NDVI Estimation for Smallholder Paddy Fields from Single-Date Sentinel-1 SAR Using an Enhanced U-Net++
10.45 am - 11.00 am	236	Hybrid Machine Learning Framework for Real-Time Student and Tutor Matching: A Design Science Implementation through FocusDesk
11.00 am - 11.15 am	247	Genre Classification of Sinhala Songs Using Machine Learning Based on Audio Features
11.15 am - 11.30 am	287	Evaluating Large Language Models for Movie Prediction with Particular Scenes

Time	ID	Paper Title
11.30 am - 11.45 am	312	Analyzing Employee Turnover in Sri Lanka’s Tech Industry Using Survival Analysis Techniques
11.45 am - 12.00 pm	338	Quantum Convolutional Neural Networks for Visual Pattern Recognition
12.00 pm - 12.15 pm	341	Building a School-Level Data Warehouse for Analyzing O/L English Performance: A Case Study of Two Schools
12.15 pm - 12.30 pm	367	Quantitative Readability Assessment of Sinhala Handwriting Using Visual Feature Consistency and Sinhala Morphological Feature Matching
12.45 pm - 01.00 pm	368	Reconstruction of Damaged Sinhala Handwritten Characters with Flow Tangent Guided Strokes
01.00 pm - 01.15 pm	374	A Data Warehouse Approach for Passenger Trend Analytics Across Sri Lankan Airports
01.15 pm - 01.30 pm	390	Enhancing Digital Image Forensics: A Comparative Analysis on Deep Learning Frameworks for Copy-Move Forgery Detection
01.30 pm - 01.45 pm	397	Evaluating the Effectiveness of Cross-Platform UI/UX Personalization in E-Commerce: Leveraging Familiarity on Other Platforms in Sri Lanka
01.45 pm - 02.00 pm	418	How Cloud Computing Enables Business Model Innovation for SMEs in Retail Industry in Sri Lanka
02.00 pm - 02.05 pm	Q&A Session	
02.05 pm - 02.15 pm	Summing up by the Chair	

Table 24: Session Schedule: Open Track – Emerging Topics in Computing

Panel of Reviewers

Prof. Anshu Vashisth	Lovely Professional University, India
Prof. Anuradha Jayakody	Sri Lanka Institute of Information Technology
Prof. Anusha Indika	University of Ruhuna, Sri Lanka
Prof. B.T.G.S. Kumara	Sabaragamuwa University of Sri Lanka
Prof. Chinthaka Premachandra	Shibaura Institute of Technology, Japan
Prof. Dasuni Nawinna	Sri Lanka Institute of Information Technology, Sri Lanka
Prof. Dilshan De Silva	Sri Lanka Institute of Information Technology, Sri Lanka
Prof. Dulani Meedeniya	University of Moratuwa, Sri Lanka
Prof. Gnana Swathika O.V.	Vellore Institute of Technology, India
Prof. Ishu Sharma	Chandigarh Group of Colleges, India
Snr. Prof. Janaka Wijayanayake	University of Kelaniya, Sri Lanka
Prof. Jeevani Jayasinghe	Wayamba University of Sri Lanka
Prof. Lasith Gunawardena	University of Sri Jayewardenepura, Sri Lanka
Prof. M.J.M. Razi	University of Kelaniya, Sri Lanka
Prof. Mahesan Niranjana	University of Southampton, UK
Prof. Prabath Ranatunga	Sabaragamuwa University of Sri Lanka
Prof. Pradeep K.W. Abeygunawardhana	Sri Lanka Institute of Information Technology, Sri Lanka
Prof. Pulasthi Gunawardhana	University of Sri Jayewardenepura, Sri Lanka
Prof. R.G.N. Meegama	University of Sri Jayewardenepura, Sri Lanka
Prof. R.A.H.M. Rupasingha	Sabaragamuwa University of Sri Lanka
Prof. R.M. Kapila Rathnayaka	Sabaragamuwa University of Sri Lanka
Prof. Rexi Jenifer	SASTRA University, India
Prof. Ruwan Abeysekara	BCAS Campus, Sri Lanka

Prof. Ruwan Gopura	University of Moratuwa, Sri Lanka
Prof. Ruwan Wickramarachchi	University of Kelaniya, Sri Lanka
Prof. Salinda Premadasa	Sabaragamuwa University of Sri Lanka
Prof. Samantha Rajapaksha	Sri Lanka Institute of Information Technology, Sri Lanka
Prof. Shanmuganathan Vasanthapriyan	Sabaragamuwa University of Sri Lanka
Prof. Supunmali Ahangama	University of Moratuwa, Sri Lanka
Prof. Thanuja Sandanayake	University of Moratuwa, Sri Lanka
Prof. Thilini Chathurika Gamage	Sabaragamuwa University of Sri Lanka
Prof. Thrimurthulu Vobbilineni	MLR Institute of Technology, India
Prof. Thushari Silva	University of Moratuwa, Sri Lanka
Asst. Prof. Dharshana Kasthurirathna	University of Moratuwa, Sri Lanka
Asst. Prof. Kolitha Warnakulasooriya	University of South Alabama, USA
Asst. Prof. Masakazu Takahashi	Yamaguchi University, Japan
Asst. Prof. Sabyasachi Bhattacharyya	Barak Valley Engineering College, India
Dr. Achintha Madhusanka	The Open University of Sri Lanka
Dr. Adeesha Wijayasiri	University of Moratuwa, Sri Lanka
Dr. Adrian Ratwatte	University of Nebraska-Lincoln, USA
Dr. Aj MAC	South Eastern University of Sri Lanka
Dr. Akila Wijethunge	University of Sri Jayewardenepura, Sri Lanka
Dr. Amila Nanayakkara	Sabaragamuwa University of Sri Lanka
Dr. Amila Withanaarachchi	University of Kelaniya, Sri Lanka
Dr. Anusha Jayasiri	University of the Visual & Performing Arts, Sri Lanka
Dr. Asanka Gunawardana	University of Moratuwa, Sri Lanka
Dr. Asanka Perera	University of Southern Queensland, Australia
Dr. B. M. Thosini Kumarika	University of Kelaniya, Sri Lanka
Dr. Branesh M. Pillai	Asian Institute of Technology, Thailand

Dr. Buddhika Karunaratne	University of Moratuwa, Sri Lanka
Dr. C.R.J. Amalraj	University of Moratuwa, Sri Lanka
Dr. Chaman Wijesiriwardhane	University of Moratuwa, Sri Lanka
Dr. Chamara Liyanage	University of Sri Jayewardenepura, Sri Lanka
Dr. Chamira Edussooriya	University of Moratuwa, Sri Lanka
Dr. Charith Chitraranjan	University of Moratuwa, Sri Lanka
Dr. Chathura Rajapakse	University of Kelaniya, Sri Lanka
Dr. D.S. Deegalla	University of Peradeniya, Sri Lanka
Dr. D.D. Menaka Ranasinghe	The Open University of Sri Lanka
Dr. Damith Senanayake	ISN Psychology, Melbourne, Australia
Dr. Deepthi Sasidharan	Government Engineering College, India
Dr. Dilani Wickramaarachchi	University of Kelaniya, Sri Lanka
Dr. Dilrukshi Gamage	University of Colombo School of Computing, Sri Lanka
Dr. Dinuka Wijendra	Sri Lanka Institute of Information Technology, Sri Lanka
Dr. E.Y.A. Charles	University of Jaffna, Sri Lanka
Dr. H.M. Caldera	Dental Surgery, Sri Lanka
Dr. Hemali Ratnayake	Open University of Sri Lanka
Dr. I.T.S. Piyatilake	University of Moratuwa, Sri Lanka
Dr. Jananie Jarachanthan	University of Jaffna, Sri Lanka
Dr. Jayalath Ekanayake	Uva Wellassa University, Sri Lanka
Dr. Jehan Seneviratne	University of Kelaniya, Sri Lanka
Dr. Junius Anjana Vidanaralage	Sri Lanka Institute of Information Technology, Sri Lanka
Dr. K.A.S.H. Kulathilake	Rajarata University of Sri Lanka
Dr. Kaneeka Vidanage	Kotelawala Defence University, Sri Lanka
Dr. Kasun Hemachandra	University of Moratuwa, Sri Lanka

Dr. Kasun Jinasena	University of Sri Jayewardenepura, Sri Lanka
Dr. Kokila Ramanayaka	University of Ruhuna, Sri Lanka
Dr. Kokul Thanikasalam	University of Jaffna, Sri Lanka
Dr. Kumara Vidanalage J.P. Ekanayake	The Open University of Sri Lanka
Dr. L. Ranathunga	University of Moratuwa, Sri Lanka
Dr. L.D. Lekamge	Sabaragamuwa University of Sri Lanka
Dr. Lakshika Nawarathna	University of Peradeniya, Sri Lanka
Dr. Lasanthi Silva	University of Colombo School of Computing, Sri Lanka
Dr. M.T.U. Sampath K. Perera	University of Moratuwa, Sri Lanka
Dr. M.W.P. Maduranga	University of Sri Jayewardenepura, Sri Lanka
Dr. Mahima Weerasinghe	Sri Lanka Institute of Information Technology, Sri Lanka
Dr. Migara Karunarathna	Sri Lanka Technological Campus, Sri Lanka
Dr. Mohamed Rawidean Mohd Kassim	IEEE Computer Society Region 10
Dr. Mukunthan Tharmakulasingam	University of Jaffna, Sri Lanka
Dr. Nabanita Das	Narula Institute of Technology, India
Dr. Nadana Ravishankar T.	SRM Institute of Science & Technology, India
Dr. Nagulan Ratnarajah	University of Vavuniya, Sri Lanka
Dr. Nalaka Dissanayake	University of Westminster, UK
Dr. Nilantha Premakumara	National Taipei University, Taiwan
Dr. Nimalka Wagarachchi	University of Ruhuna, Sri Lanka
Dr. Nirosha Wedasinghe	Kotelawala Defence University, Sri Lanka
Dr. Nuwan Janaka	City University of Hong Kong
Dr. Oshani Dayaratna	University of Peradeniya, Sri Lanka
Eng. Dr. P.P.C.R. Karunasekara	Kotelawala Defence University, Sri Lanka
Dr. Piumi Ishanka	Sabaragamuwa University of Sri Lanka
Dr. Pooja Gupta	Manipal University Jaipur, India

Dr. Pradeep Kalansooriya	Kotelawala Defence University, Sri Lanka
Dr. Prasanna Haddela	Sri Lanka Institute of Information Technology, Sri Lanka
Dr. Pratheeba Jeyananthan	University of Jaffna, Sri Lanka
Dr. Rasika Rajapaksha	University of Kelaniya, Sri Lanka
Dr. Ravimal Bandara	University of Sri Jayewardenepura, Sri Lanka
Dr. Ravindra Koggalage	Kotelawala Defence University, Sri Lanka
Dr. Rima Deka	KPRIET, India
Dr. R.M. Maheshi Ruwanthika	University of Moratuwa, Sri Lanka
Dr. Ruwan Ranaweera	University of Peradeniya, Sri Lanka
Dr. Sagara Sumathipala	University of Moratuwa, Sri Lanka
Dr. Sajeewani Karunarathne	Sabaragamuwa University of Sri Lanka
Dr. Samantha Jeyakumar	University of Jaffna, Sri Lanka
Dr. Samantha Kumara Pathirannahallage	University of Colombo, Sri Lanka
Dr. Samanthi Wickramasinghe	Institute of Chartered Accountants of SL
Dr. Saminda Premaratne	University of Moratuwa, Sri Lanka
Dr. Sandareka Wickramanayake	University of Moratuwa, Sri Lanka
Dr. Sanika Wijayasekara	SLTC Research University, Sri Lanka
Dr. Sapumal Ahangama	University of Moratuwa, Sri Lanka
Dr. Sarangan Balasubramaniam	University of Georgia, USA
Dr. Shalinda Adikari	National University of Singapore
Dr. Shan Jayasinghe	Solent University, UK
Dr. Sivakami Kathiresan	Nadar Saraswathi College, India
Dr. Suneth Karunarathna	University of Peradeniya, Sri Lanka
Dr. Suneth Pathirana	Uva Wellassa University, Sri Lanka
Dr. Suresha Perera	The Open University of Sri Lanka
Dr. Thabotharan Kathiravelu	University of Jaffna, Sri Lanka

Dr. Thanuja Ambegoda	University of Moratuwa, Sri Lanka
Dr. Tharinda Vidanagama	Wayamba University of Sri Lanka
Dr. Thilina Thanthriwatta	University of Moratuwa, Sri Lanka
Dr. Thilini Randunu Pathirannehelage	Lincoln University, New Zealand
Dr. Thilini V. Mahanama	University of Kelaniya, Sri Lanka
Dr. Thiruvaran T.	University of Jaffna, Sri Lanka
Dr. Thisara Weerasinghe	NIBM, Sri Lanka
Dr. U. S. Premaratne	The Open University of Sri Lanka
Dr. Udesa Oruthota	Lyceum Campus, Sri Lanka
Dr. Upeksha Ganegoda	University of Moratuwa, Sri Lanka
Dr. Upul Jayasinghe	University of Peradeniya, Sri Lanka
Dr. Vanithamani R.	School of Engineering, India
Dr. Vidivelli S.	SASTRA University, India
Dr. W.G.C.W. Kumara	South Eastern University of Sri Lanka
Mr. Ajith Wickramasinghe	University of the Visual and Performing Arts, Sri Lanka
Mr. Akalanka Galapathi	Edmonton, Alberta, Canada
Ms. Anjalie Gamage	Sri Lanka Institute of Information Technology, Sri Lanka
Mr. Anuradha Herath	Sabaragamuwa University of Sri Lanka
Mr. Arunya Senadeera	Asian Institute of Technology, Thailand
Ms. Asanka Waruni Thiranagama	Sabaragamuwa University of Sri Lanka
Mr. Ashen Wanniarachchi	Kotelawala Defence University, Sri Lanka
Mr. Balaji Varadarajan	Target, USA
Mr. Banujan Kuhaneswaran	Southern Cross University, Australia
Ms. Buddhika Jayaneththi	Sabaragamuwa University of Sri Lanka
Mr. Buddhika Priyabhashana	Sysco LABS, Sri Lanka
Ms. Chalani Oruthotaarachchi	University of Kelaniya, Sri Lanka

Ms. Chamani Shiranthika Jayakody	Simon Fraser University, Canada
Mr. Chamila Karunathilake	University of Sri Jayewardenepura, Sri Lanka
Mr. Chanaka Lasantha	Kerner Norland LTD - MSP
Mr. Charith Dissanayake	Wickramarachchi University of Indigenous Medicine, Sri Lanka
Mr. Charles Joseph	University of Southern Queensland, Australia
Ms. Charunika Dampalessa	University of Peradeniya, Sri Lanka
Ms. Chathumi Kavirathna	The University of Tokyo, Japan
Mr. Chinthaka Jayasekera	Sri Lanka Institute of Information Technology, Sri Lanka
Ms. Chinthani Sugandhika	Nanyang Technological University, Singapore
Mr. Dhanushka Jayasinghe	Rajarata University of Sri Lanka
Mr. Dhishan Dhammearatchi	CINEC Campus, Sri Lanka
Ms. Dilini Pasqual	University of Sussex, UK
Mr. Dinesh Karunarathna	Xenergy (pvt) Ltd, Sri Lanka
Mr. Dinith Primal	Sri Lanka Institute of Information Technology, Sri Lanka
Mrs. Divya Sasi Latha	Dhurakij Pundit University, Thailand
Ms. Dushanthi Madhushika	The University of Auckland, New Zealand
Mrs. Dushyanthi Vidanagama	Kotelawala Defense University, Sri Lanka
Mr. Eranga Wimalasiri	Sabaragamuwa University of Sri Lanka
Mrs. Gayathri Karunarathna	ESOFT Metro Campus Kandy, Sri Lanka
Mr. Gihan Chathuranga	University of Ruhuna, Sri Lanka
Mrs. Gilmini Dantanarayana	University of Ruhuna, Sri Lanka
Mr. Gnei Meedin	Swinburne University of Technology, Australia
Mr. Gopinath Sittampalam	University of Vavuniya, Sri Lanka
Mr. Goutham Kacheru	Wilmington University, USA
Mr. Guhanathan Poravi	APIIT, Sri Lanka

Mr. H.M.K.K.M.B. Herath	Sri Lanka Technological Campus (SLTC), Sri Lanka
Mr. Hanojhan Rajahrajasingh	Sri Lanka Institute of Information Technology, Sri Lanka
Mr. Hansaka Aluvihare	Embry-Riddle Aeronautical University, USA
Ms. Hansi Silva	Sri Lanka Institute of Information Technology, Sri Lanka
Ms. Hansila Sudasinghe	Edith Cowan University, Australia
Miss. Hashini Athauda	University of Kelaniya, Sri Lanka
Mr. Hasitha Kuruwita A.	Griffith University, Australia
Ms. Heshani Mahalaksha	Evoenergy ACT, Australia
Mr. H.K.I.S.L. Hewa Kottage	Kotelawala Defence University, Sri Lanka
Ms. Indika Karunaratne	University of Moratuwa, Sri Lanka
Ms. Iroshini Ratnapala	University of Peradeniya, Sri Lanka
Mr. Isham Mohamed Muhammethu Iqbal	Guildhawk Limited, UK
Ms. Ishara Devendra	University of Moratuwa, Sri Lanka
Mr. Ishara Weerathunga	Sri Lanka Institute of Information Technology, Sri Lanka
Mr. Isuru Lakmal	NSBM Green University, Sri Lanka
Miss. K. Ranasinghe	Sabaragamuwa University of Sri Lanka
Mr. K.D.B. Aratthanage	Open University of Sri Lanka
Ms. Kakali Nath	Dr. Bhupen Hazarika Regional Film Institute, India
Mrs. Kalyani	University of Ruhuna, Sri Lanka
Mr. Kanagasabai Thiruthanigesan	SLIIT Northern Uni, Sri Lanka
Mr. Kapil Nanayakkara	Kotelawala Defence University, Sri Lanka
Mr. Kasun Karunanayaka	University of Colombo School of Computing, Sri Lanka
Mr. Kasun Prasanga	University of Moratuwa, Sri Lanka
Mr. Kavinda Ariyaratna	Sabaragamuwa University of Sri Lanka

Ms. Kirushika Jeyachandran	Open University of Sri Lanka
Ms. Kushani Perera	University of Melbourne, Australia
Mr. Logiraj Kumaralingam	University of Alberta, Canada
Mrs. M.S. Faathima Fayaza	South Eastern University of Sri Lanka
Ms. Maddumahewage Sammani	University of Kelaniya, Sri Lanka
Ms. Madushani Upamalika	University of Ruhuna, Sri Lanka
Mr. Malaka Dedduwa Pathiranage	University of Ruhuna, Sri Lanka
Ms. Manohari Kelanibandara	Open University of Sri Lanka
Mrs. Mihiri Sirisuriya	Kotelawala Defence University, Sri Lanka
Mr. Mohamed Mufassirin M.M.	South Eastern University of Sri Lanka
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