

Day 1

Session 1

Track 01 - Room 01
Track 02 - Room 01
Track 02 - Room 02
Track 02 - Room 03
Track 02 - Room 04
Track 03 - Room 01
Track 03 - Room 02
Track 02 - Room 01

29.08.2024

2:15 p.m. - 5:45 p.m.

EMBRACING INNOVATION & RESILIENCE
Equitable and Inclusive Development
Equitable and Inclusive Development
Equitable and Inclusive Development
Equitable and Inclusive Development
Food Security and Environmental Stewardship
Food Security and Environmental Stewardship
Weaving Technology for Sustainability and Wellbeing

Day 2

Session 2

Track 01 - Room 01
Track 01 - Room 02
Track 02 - Room 01
Track 02 - Room 02
Track 02 - Room 03
Track 02 - Room 04
Track 03 - Room 01
Track 04 - Room 01
Track 04 - Room 02

30.08.2024

10:00 a.m. - 1:00 p.m.

EMBRACING INNOVATION & RESILIENCE
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Equitable and Inclusive Development
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Weaving Technology for Sustainability and Wellbeing
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Day 2

Session 3

Track 01 - Room 01
Track 03 - Room 01
Track 03 - Room 02
Track 04 - Room 01

30.08.2024

2:00 p.m. - 5:15 p.m.

EMBRACING INNOVATION & RESILIENCE
Food Security and Environmental Stewardship
Food Security and Environmental Stewardship
Weaving Technology for Sustainability and Wellbeing

EMBRACING INNOVATION & RESILIENCE

Day 1	
VENUE, DAY TIME - 29.08.2024 2:15 p.m. - 5:45 p.m. Track 01 - Room 01	
THEME	EMBRACING INNOVATION & RESILIENCE
Time	Topic
2:15: PM - 3:15 PM	AI-Powered Traffic Violation Detection System for Pedestrian Crossing Violations
Session Chairs	A Machine Learning-based Optimization Approach for Solving Manipulator Robot's Inverse Kinematics Problem
Dr. Ruwan Ranaweera	Damage Detection of Post-Tensioned Concrete Girder Bridge Using Deep Learning Approach
Dr. Sampath Deegalla	Hybrid Genetic Algorithm for the Hybrid Electric Vehicle Routing Problem with Mode Selection
	Motion Artifact Removal in MRI Using U-NET Neural Network
	Damage Detection of Concrete Beams using Artificial Neural Networks
	Q&A
3:15 PM - 3:45 PM	Tea
3:45: PM - 4:45 PM	Utilizing Machine Learning Algorithms on Microcontroller to Enhance Edge Computing for Sound Regression Applications
Session Chairs	Vision-Guided Reinforcement Learning for Autonomous Mobile Robot Path Planning in Unknown Environments
Prof. Nadeesh Adassuriya	Wind Tunnelling Effect on Different High-Density Building Environments: A Computational Fluid Dynamics Approach
Dr. Nalin Harischandra	PEDOT: PSS/GO based Three Electrode Photo Supercapacitor to Harness Light Energy and Storage
	Identification of Implementation Barriers of House Lifting Construction Technology by Using Hydraulic Jack Lifting in the Sri Lankan Context
	Q&A
4:45: PM - 5:45 PM	Fabrication of Dye-Sensitized Solar Cells Based on Natural Pigments Extracted from the Mixture of Betel, Areca Nut, and Calcium Carbonate
Session Chairs	A Novel Poly (Vinyl Alcohol) – Boric Acid Gel Electrolyte for Lead Acid Battery Storage
Prof. Nadeesh Adassuriya	Impact of Synthesis Methods on the Size and Shape of Zinc Oxide Nanostructures
Dr. Nalin Harischandra	Influence of Sintering Temperature of RGO based Counter Electrodes on Efficiency of Cds Quantum Dot-Sensitized Solar Cells (Qdsscs)
	Ionic Liquid Treated Non Polymer Gel Electrolyte for Magnesium-ion Battery Application
	Q&A
Day 2	
VENUE, DAY TIME - 30.08.2024 10:00 a.m. - 1:00 p.m. Track 01 - Room 01	
THEME	EMBRACING INNOVATION & RESILIENCE
Time	Topic
10:00 AM - 11:00 AM	Coconut Water Electrolyte for Biomass Derived Activated Carbon Supercapacitors
Session Chairs	Investigation and Optimization of Thermoelectric Properties of Hydrochloric Acid Doped Polyaniline
Dr. V. Sivakumar	Synthesis and Characterisation of Coconut Shell-Based Activated Carbon Black through Koh Activation
Dr. Subashini Gunatilaka	Synthesis of Acrylic based Polycarboxylate Ether High Performance Superplasticizer with Hydroxy Terminated Poly (Ethylene Glycol) Side Chains and its Effects on Cement Hydration
	Synthesis of O-Alkylated Garcinol Derivatives as α -amylase and α -glucosidase Inhibitors
	Q&A
11:00 AM - 12:00 NOON	Damage Detection of Prestressed Concrete Girder Bridges Through Nonlinear Modal Damping Identification
Session Chairs	Novel Fly Ash based One-part Geopolymer for Stabilization of Expansive Road Subgrade
Prof. Wijendra Bandara	Development of MATLAB Based User Interface (Med i TexLab) to Manipulate DICOM Images and Extract 93 Different Texture Features
Dr. Rajitha Ranasinghe	Performance of Maximum Likelihood and Bayesian Estimators for the Poisson Distribution
	Dog and Cat Counts in Sri Lanka, Daththa: An Innovative User Friendly Digital Approach
	Face perception- Facial Age and Anger Expression
	Q&A

12:00 NOON - 01:00 PM	Investigating the Effect of Concrete Confinement Towards the Lateral Performance of Concrete Filled Steel Box Columns
Session Chairs	A Unified Model to Enhance Traffic and Road Sign Detection Under Adverse Weather Conditions
Prof. Thilak Hewawasam	An Integrated Approach for Intruder Detection in Nighttime Surveillance
Dr. Prasanna Dharmapriya	Development of a Numerical Weather Forecasting Model for Disaster Risk Reduction in Kandy
	Seismic Performance of Steel Hollow Box Column under Combined Effect of Fire and Cyclic loading: Thermo-Mechanical Numerical Approach
	Q&A
Day 2	
VENUE, DAY TIME - 30.08.2024 10:00 a.m. - 1:00 p.m. Track 01 - Room 02	
THEME EMBRACING INNOVATION & RESILIENCE	
Time	Topic
10:00 AM - 11:00 AM	A Case-Control Study on Knee and Lumbar-Spine Characteristics of Individuals with Knee Osteoarthritis
Session Chairs	Evaluation of Effective Radiation Dose to the Male Gonads during High Resolution Chest Computed Tomography Examinations
Prof. Priyanka De Silva	Impact of Air Quality due to Traffic Congestion on Human Health
Dr. Rasika Jinadasa	Air Quality Assessment of Highly CKDu-Affected Areas of the Anuradhapura District
	Dependence of Air Pollutants on Meteorological Parameters in Urban Environments: A Comparative Study of Battaramulla and Kandy
	Q&A
11:00 AM - 12:00 NOON	The Potential of Polypore Fungal Species Found in Sri Lanka, to Produce Mycelium- based Leather
Session Chairs	Potential for Producing Leaf Meal Pellets for Ruminant Rations from Wasted Gliricidia (Gliricidia sepium) Leaves
Prof. Jilushi Damunupola	Interaction between Climatic Extremes and Vegetable Supply Chain Performance: Conceptualizing a Pre-Preparedness Mechanism
Prof. Sumedha Madawala	Improvement Drought Tolerance Properties in Rice through Soil Incorporation of a Superabsorbent Polymer with or without Compost
	Enhancing Bamboo Structural Grading under Axial Compressive Load: A Comparative Analysis of Green and Yellow Bamboo
	Q&A
12:00 NOON - 01:00 PM	Daily Intake of Feed and Nutrients by Captive Asian Elephants
Session Chairs	Larvicidal Effect of Pseudomonas Mosselii Against Larvae of Dengue Vector Mosquito Aedes Aegypti
Prof. Priyanka De Silva	Identification of Forage Ensiling Lactic Acid Bacteria from Silage
Prof. Jilushi Damunupola	Analysis of Short-Term Fluctuations in Soil Moisture during the Dry Season in Gampaha District in Sri Lanka using Satellite Remote Sensing
	Knowledge, Attitude and Practice of Emergency Management of Tooth Avulsion among School Dental therapists and Trainee School Dental Therapists in Sri Lanka
	Q&A
LUNCH BREAK	
Day 2	
VENUE, DAY TIME - 30.08.2024 2:00 p.m. - 5:15 p.m. Track 01 - Room 01	
THEME EMBRACING INNOVATION & RESILIENCE	
Time	Topic
2:00: PM - 3:00 PM	Unraveling Ambiguities - Exploring Organizational Resilience and its Dimensions
Session Chairs	The Impact of Supply Chain Risk on Supply Chain Agility Performance with the Mediating Role of Supply Chain Integration: Empirical Study of Manufacturing Industry in Sri Lanka
Prof. Janaka Ekanayake	The Entrepreneurial Decision-Making Approaches of Undergraduate Business Operators: A Study Conducted at University of Peradeniya
Prof. Sakunthala Yatigammana	Optimizing Business Value by Enhancing the Components of Control Charts
	Domestic Debt Restructuring and the Banking Sector: A Bibliometric Review on Debt Crises
	Q&A
3:00 PM - 3:45 PM	Tea Break

3:45: PM - 4:45 PM	The Impact of Postmodern Performance Practices on Post-Conflict Cultural Landscapes in Sri Lanka
Session Chairs	Peer Feedback in ESL Writing: A Boon or a Bane?
Prof. Janaka Ekanayake	Evaluating Emergency Remote Learning in Physiotherapy Education in Sri Lanka: Preparing for a Technologically Advanced Future
Prof. Sakunthala Yatigammana	Impact of Career Competencies on the Career Adaptability of Recent Management Graduates from a Selected State University in Sri Lanka
	Comparative Study of the Motivation to Learn ICT among Gampaha District School Children: Interactive Whiteboards vs. Traditional Whiteboards in Online Teaching
	Q&A

Equitable and Inclusive Development

Day 1	
VENUE, DAY TIME - 29.08.2024 2:15 p.m. - 5:45 p.m. Track 02-Room 01	
THEME	Equitable and Inclusive Development
Time	Topic
2:15: PM - 3:15 PM	Genetic Predisposition of Preeclampsia among Asian Population
Session Chairs	Examining the Coping Strategies of Parents of Children with Neurodevelopmental Disorders amidst Negative Attitudes of Society
Prof. M.H.F. Sakeena	A Study on Trends and Knowledge of using Cosmetics among Undergraduates and Staff at the University of Peradeniya
Dr. A.M.S.D. Pathirana	Evidence-based Antidiabetic Effectiveness of Cinnamomum Zeylanicum (Ceylon Cinnamon)
	A Study on Comparison of Inter-Arm Difference in Blood Pressure between Patients with Cardiovascular Diseases and Non-Cardiac Conditions in a Tertiary Care Hospital
	Q&A
3:15 PM - 3:45 PM	Tea
3:45: PM - 4:45 PM	Correlation of Inflammatory Markers with Age and Selected Clinical Symptoms Associated with Lumbar Disc Herniation
Session Chairs	Evaluation of The Effectiveness of Fruit Pulp Mixed Toxic Sugar Baits against Adult Aedes Aegypti (Diptera: Culicidae) In the Laboratory
Dr. B.C.G. Mendis	Portrayal of Mental Health and Symptoms in English Newspapers in Sri Lanka: A Prospective Study
Ms. Yamuna Athukorala	Investigating Knowledge and Attitudes Regarding Antibiotic Use among Consumers in Kandy District, Sri Lanka: A Call for Targeted Educational Interventions
	Incidence of Enterobiasis in Paediatric Patients and Their Guardians' Knowledge, Attitudes and Practices towards Prevention – A Descriptive Cross-Sectional Study in a Tertiary Care Centre, Batticaloa
	Q&A
4:45: PM - 5:45 PM	Effectiveness of Dharma Therapy on Psychological Distress among Adult Cancer Patients in North Central Province of Sri Lanka: A Mixed Methods Study
Session Chairs	Anger, Anger expression and Perceived Stress among Nursing Undergraduates at the University of Peradeniya: A Descriptive Cross- Sectional Study
Dr. B.C.G. Mendis	Physical Activity Level and Associated Factors among Pregnant Women Attending Two Antenatal Clinics in Kandy District, Sri Lanka: Facility Based Cross Sectional Study
Ms. Yamuna Athukorala	The Prevalence of Externalized Behavioural Problems among 4 to 6 years old Preschool Children in Kandy District
	Impact of Perceived Academic Stress on Academic Performance and Coping Mechanisms among University Students
	Prevalence of MRSA Colonization, Antibiotic Sensitivity, and Associated Neonatal Outcome in Term Pregnant Women, Eastern Province, Sri Lanka
	Q&A

Day 1	
VENUE, DAY TIME - 29.08.2024 2:15 p.m. - 5:45 p.m. Track 02-Room 02	
THEME	Equitable and Inclusive Development
Time	Topic
2:15: PM - 3:15 PM	Morbidity and Mortality Trends due to Non-communicable Diseases in Sri Lanka, 2004-2019
Session Chairs	The in Vitro Efficacy of Cinnamon (Cinnamomum Verum) Bark Oil against Prototheca Spp Isolated from Canine and Bovine Clinical Cases
Prof. Janakie P. Eeswara	Investigating Quality of Handwritten Outpatient Prescriptions in Sri Lanka: A Prescription Survey on Completeness and Legibility
Dr. R.M.S.B.K. Ranasinghe	Anti-Candida Effect of Leaf Extract of Diospyrus Atrata
	Intracardiac Thrombosis in a 5 years-old German Shepard
	Q&A
3:15 PM - 3:45 PM	Tea
3:45: PM - 4:55 PM	Marked Emperipolesis by Malignant Neoplastic Cells: Three Cases in Dogs
Session Chairs	Exenteration in a Stallion as a Treatment of Ocular Squamous Cell Carcinoma under General Anesthesia- A Case Report

Session Chairs	Comparison of Yield and Physicochemical Properties of Virgin Coconut Oil Extracted by Different Methods
Prof. Janakie P. Eeswara	Formulation and Development of an Herbal Syrup from Mangifera Indica Leaves for the Management of Gastritis
Dr. R.M.S.B.K. Ranasinghe	Preliminary Study on Bacteria in Salivary Glands of Ticks Infesting Domestic Animals in the Kandy District
	Q&A
4:55: PM - 5:45 PM	Evaluation of Physicochemical Properties of Extracted Mucilages and Powders from Three Selected Plants in Sri Lanka
Session Chairs	SWOT analysis to assess the efficiency of vaccination programs targeting family poultry in Western Province, Sri Lanka
Session Chairs	Pre-Post Training Analysis of Knowledge on Poultry Diseases, Vaccination, and Biosecurity of Small-Scale Backyard Poultry Farmers in Sri Lanka
Prof. Janakie P. Eeswara	Dynamics of formal rules and informal norms in the broiler poultry sector in Sri Lanka
Dr. R.M.S.B.K. Ranasinghe	Male and Female Broiler, Layer and Backyard Poultry Farmers in Kurunegala District, Sri Lanka: A Case Study on Knowledge of Government Policies and Regulations Pertaining to the Poultry Industry
	Q&A

Day 1	
VENUE, DAY TIME - 29.08.2024 2:15 p.m. - 5:45 p.m. Track 02-Room 03	
THEME	Equitable and Inclusive Development
Time	Topic
2:15: PM - 3:15 PM	Impact of National Interest on Diplomatic Policies: A Study of Ancient Relations between Athens, the Ionian Islands, and Egypt
Session Chairs	Land Grabs and Trends in Dispossession in Sri Lanka: Contradictions of Land Policies Leading to and in Response to 'Crisis'
Prof. A. Sarjoon	The Effect of Taxpayers' Ethical Perceptions on Tax Evasion: A Study in Sri Lanka
Dr. M.M. Alikhan	Understanding the Meaning and Role of Violence among Youth: A Qualitative Study from Sri Lanka
	Examination Timetable Scheduling based on Quadratic Assignment Problem
	Q&A
3:15 PM - 3:45 PM	Tea Break
3:45: PM - 4:45 PM	Development-Induced Displacement: Evaluate the Social Impact on Community Resettlement under the New Kelani Bridge – II Development Project
Session Chairs	Exploring the Socio-Cultural Role of Tourism on Children and Youth in Sri Lanka: Insights from the Uva Province
Dr. Kumari Thoradeniya	The Interplay of Caste and Education in Sri Lanka: A Case Study
Dr. M.M. Alikhan	Exploring Intersections of Identity among Individuals who are Homosexual in Sri Lanka: A Sociological Study
	The Gender-Based Views towards Sexual Education among Young Adults in the Gampaha District of Sri Lanka
	Q&A
4:45: PM - 5:45 PM	Gender Dimensions in the Backyard Poultry Sector in Sri Lanka
Session Chairs	Marriage Rituals and Caste Concept in the Kandyan Period
Dr. Kumari Thoradeniya	Cross-Cultural Adaptation of the Sinhala Version of Kogan's Attitudes toward Older People Scale
Dr. M.M. Alikhan	A Human Right to Companionship: Addressing the Post-pandemic Technological Isolation
	Factors Influencing Students' Grade Point Average: A Case Study of Level II Undergraduates in the Faculty of Science University of Ruhuna, Sri Lanka
	Q&A

Day 1	
VENUE, DAY TIME - 29.08.2024 2:15 p.m. - 5:45 p.m. Track 02-Room 04	
THEME	Equitable and Inclusive Development
Time	Topic

2:15: PM - 3:15 PM	Investigating the role of AI (Chat GPT) in Evaluating Writing Skills for IELTS Exam Preparation in English Language Teaching
Session Chairs Dr. Kanchuka Dharmasiri	The Impact of Negotiated English-Speaking Activities in the ESL Classroom
Dr. K.M.R.N. Kulatunga	The Impact of the English Curriculum on Student Performance in Sri Lankan State and International Schools
	Cicero's Pro Archia Poeta and its Reflections on the Roman Attitude towards 'Others'
	Portrayal of Mental Health and Symptoms of Psychiatric Illnesses in Tamil Newspapers in Sri Lanka - A Prospective Study
	Q&A
3:15 PM - 3:45 PM	Tea
3:45: PM - 4:55 PM	Assessing Sustainable Practices and Challenges in Sri Lanka's Homestay Sector
Session Chairs Dr. Kanchuka Dharmasiri	Bridging the Expectation Gap: Enhancing Non-Financial Reporting Assurance in Sri Lanka
Dr. K.M.R.N. Kulatunga	Exploring Challenges and Barriers Hindering the Development of Small Business Operators in Sri Lanka
	Impact of Audit Expectation Gap on the Shareholders' Confidence with Special Reference to Public Listed Companies in Sri Lanka
	A Comparative Analysis of the Effect of Emotional Intelligence (EI) and Intelligence Quotient (IQ) on the Academic Performance of Sri Lankan Veterinary Undergraduates
	Q&A

Day 2	
VENUE, DAY TIME - 30.08.2024 10:00 a.m. - 1:00 p.m. Track 02-Room 01	
THEME	Equitable and Inclusive Development
Time	Topic
10:00 AM - 11:00 AM	Radiographers' Awareness of Radiation Sensitivity of Paediatrics and Application of Radiation Protection Measures in Paediatric Imaging
Session Chairs Ms. H.M.R.K.G. Nandasena Mr. L. Thasanthan	Effect of Electrotherapy along with Active Movements for Lower Limb Musculoskeletal Conditions with Sub-Acute and Chronic Pain of Athletes in University of Peradeniya, Sri Lanka: A Randomized Controlled Trial
	Changes in Important Biochemical Parameters among Hemodialysis Patients Attending the National Nephrology Hospital Polonnaruwa: A Pilot Study
	Development of the Sinhalese Version of General Rehabilitation Adherence Scale (GRAS-Sin)
	Development of a Device to Measure Peak Expiratory Flow Rate and Peak Inspiratory Flow Rate during Manual Hyperventilation
	Q&A
11:00 AM - 12:00 NOON	A Case of Mania and Psychosis in a Patient with Dengue Fever
Session Chairs Ms. H.M.R.K.G. Nandasena Mr. L. Thasanthan	Evaluation of Cephalic Index and Facial Index in a Sri Lankan Population
	Parental Stress and Coping Strategies in Response to the Severity of Symptoms in Young Children with Autism Spectrum Disorder: A Descriptive Cross-Sectional Study
	Clinico-Epidemiology of Brake Fluid Poisoning
	Q&A
12:00 NOON - 01:00 PM	Challenges in Delivering Oral Care to Patients: A Study of Nursing Practices at National Hospital Kandy
Session Chairs Ms. H.M.R.K.G. Nandasena Mr. L. Thasanthan	Enhancing Government Hospital Resource Management Through Smart Technologies: A Survey of Healthcare Professionals in Sri Lanka
	Participation of Dental Practitioners in Continuing Professional Development in Sri Lanka
	An Audit on Risk Factors, Spectrum of the Disease and Outcome of Soft Tissue Infections
	A GIS-based Spatiotemporal Analysis of Chronic Kidney Disease/Chronic Kidney Disease of Unknown Etiology in the North Central Province, Sri Lanka (2010-2020)
	Q&A

Day 2	
VENUE, DAY TIME - 30.08.2024 10:00 a.m. - 1:00 p.m. Track 02-Room 02	
THEME	Equitable and Inclusive Development

10:00 AM - 11:00 AM	Prevalence and Associated Factors of Work-Related Musculoskeletal Disorders among The Health-Supportive Staff of a Tertiary Care Hospital in Kandy, Sri Lanka
Session Chairs Dr. E. Liyanage	Dental Anxiety among Pregnant Women in Yatinuwara MOH Area, Kandy District, Sri Lanka
Ms. D.A.R.K. Dassanayake	Usage of Generative Tools and Knowledge, Attitudes, Perceptions on Artificial Intelligence Among Dental Undergraduates – A Cross Sectional Survey
	Knowledge and Attitude about Veterinary Physiotherapy among Sri Lankan Veterinary Undergraduates
	Evaluating Emergency Remote Learning in Physiotherapy Education in Sri Lanka: Preparing for a Technologically Advanced Future
	Q&A
11:00 AM - 12:00 NOON	Assessment of Satisfaction with Laboratory Services among Patients Attending the Out-Patient Department at Teaching Hospital, Peradeniya, Sri Lanka
Session Chairs Dr. E. Liyanage	Exploring Variation in Smoking Pack Years Across Demographics and its Relationship with Blood Pressure
Ms. D.A.R.K. Dassanayake	Assessment of the Level of Physical Activity and its Awareness among Hypertensive Patients Attending Teaching Hospital, Peradeniya
	Quality of Life of Chronic Kidney Disease Patients in High Prevalence Areas of Chronic Kidney Disease of Uncertain Etiology in Sri Lanka: KDQOL- SF-36 Based Analysis
	Validation of the Sinhala Version of Quality Improvement Nursing Attitude Scale
	Q&A
12:00 NOON to 1:00 PM	Molecular Identification of Streptococcus Mutans from Patients with Dental Caries using PCR and Gene Sequencing
Session Chairs Dr. E. Liyanage	Molecular Identification of Candida Albicans from Patients with Oral Candidiasis and Analysis of Their Sensitivity to a Polyherbal Oral Health Care Formula
Ms. D.A.R.K. Dassanayake	The New Yardstick: The Relationship between Emotional Intelligence and Leadership Styles of Senior Male Managers in Colombo District.
	Can Sri Lanka Achieve Global Nutritional Targets by 2025? Time Series Analysis from 2012 to 2020
	Q&A

Day 2	
VENUE, DAY TIME - 30.08.2024 10:00 a.m. - 1:00 p.m. Track 02-Room 03	
THEME	Equitable and Inclusive Development
Time	Topic
10:00 AM - 11:00 AM	Molecular Epidemiological Investigation of Theileriosis in Dairy Cattle in Kurunegala District, Sri Lanka
Session Chairs Prof. Fazeeha Noordeen	Pilot Study to Implement Molecular Detection of Triplet Expansion Repeats in A Cohort of Patients Suspected to Have Friedreich's Ataxia
	Comparison of Antimicrobial and Cytotoxicity Profiles of Skin Secretions from Endemic Polypedates Cruciger and Cosmopolitan Duttaphrynus Melanostictus
	Prevalence and Molecular Characterisation of Ovine Theileria in Jaffna Sheep, Sri Lanka
	Assessment of BRAFV600E Mutation by PCR in Background Thyroid Tissue with Chronic Lymphocytic Thyroiditis Associated Papillary Thyroid Carcinomas of Patients
	Q&A
11:00 AM - 12:00 NOON	Hexon Gene Loop 1 Region Phylogeny of Fowl Adenoviruses Associated with Inclusion Body Hepatitis in Broiler Chickens in Sri Lanka
Session Chairs Prof. Fazeeha Noordeen	Viral P32 Gene Targeting Conventional PCR For the Detection of Infectious Laryngotracheitis Virus in Commercial Broiler and Layer Farms in Kurunegala District
	Morphometry of the Hepatic Duct in Human Cadavers
	Antimicrobial Activity of Apis Cerana Bee Honey and Beeswax from Dry and Wet Zones of Sri Lanka
	Antibiotic Sensitivity of Soil Leachates and Soil Heavy Metal Status: A Case Study from Gohagoda Municipal Solid Waste Dumpsite, Sri Lanka
	Q&A
12:00 NOON - 01:00 PM	Comparison of Anti-cancer Effects of Atorvastatin on Hormone Receptor-Positive and Triple Negative Breast Cancers: An in-vitro Study
Session Chairs	Prevalence of Candida Species Isolated from the Oral Cavities of Healthy Sri Lankan Child Cohort

Prof. Fazeeha Noordeen	Evaluation of Larvicidal Properties of Aqueous Extracts of Papaya Leaf, Fruit Peel and Seed against <i>Aedes aegypti</i> and <i>Aedes albopictus</i>
	Clinicopathological Presentations of Intra Oral Angiosarcoma and Haemangioendothelioma
	Detection of Pathogenic Microflora in Complete Denture Biofilms using PCR Technique
	Q&A

Day 2	
VENUE, DAY TIME - 30.08.2024 10:00 a.m. - 1:00 p.m. Track 02-Room 04	
THEME	Equitable and Inclusive Development
Time	Topic
10:00 AM - 11:00 AM	An Anatomical Study on Pyramidal Lobe and Levator Glandulae Thyroideae of the Thyroid Gland in Sri Lankan Cadavers
Session Chairs Prof. J.A.M.S. Jayatilake Dr. S. Krishnapradeep	Anatomical Variations of Ansa Cervicalis: A Case Series of Sri Lankan Cadavers
	Vzv Encephalitis in an Initial Case of Covid-19 Meningo-Encephalitis: A Case Report
	Salivary Transcriptomic Diagnostics: Findings from a Study in Sri Lanka on Oral Squamous Cell Carcinoma, Oral Submucous Fibrosis, and Oral Lichen Planus
	Cytokeratin-19 and Vascular Endothelial Growth Factor (VEGF): Promising Biomarkers in the Detection of Oral Squamous Cell Carcinoma and Oral Potentially Malignant Disorders
	Q&A
11:00 AM - 12:00 NOON	Aflatoxins Contamination in Commercially Available Areca Nut and Commercially Prepared Areca Nut Products in Sri Lanka
Session Chairs Prof. J.A.M.S. Jayatilake Dr. S. Krishnapradeep	The Effect of Co-Existing Iron Deficiency on Hb A2 Level and The Diagnosis of Beta Thalassemia Trait
	Correlation between Serum Heavy Metals and the Risk of Oral Cancer and Premalignant Lesion Development
	Effect of Beta Thalassaemia Trait in Pregnancy with Particular Reference to its Complications and Outcome
	The Prevalence and Associated Risk Factors of Candida Sp. Infections in Foot Ulcers in Patients with Type 2 Diabetes Mellitus: Single Centered Study
	Q&A
12:00 NOON - 01:00 PM	In Silico Quest: Gymnema sylvestre's Chemical Arsenal Against Influenza a Virus Neuraminidase
Session Chairs Prof. J.A.M.S. Jayatilake Dr. S. Krishnapradeep	Computational Insights into the Antiviral Potential of Longispinogenin and Sitakisogenin Against African Swine Fever Virus DNA Ligase
	Effect of Vinegar as a Natural Disinfectant: An In-Vitro Study Done for Planktonic Escherichia Coli
	Q&A
LUNCH BREAK	

Food Security and Environmental Stewardship

Day 1	
VENUE, DAY TIME - 29.08.2024 2:15 p.m. - 5:45 p.m. Track 03-Room 01	
THEME	Food Security and Environmental Stewardship
Time	Topic
2:15: PM - 3:15 PM	Prevalence and Predictors of Food Insecurity among Undergraduate Students Residing on Campus: A Case Study at University of Peradeniya, Sri Lanka
Session Chairs Prof. B.C. Jayawardena Prof. Eresha Mendis	Utilization of Eggshell Waste as a Calcium Source and Investigation of its Physicochemical Properties Establishment of a Trained Sensory Panel for Processed Vegetable Products Determination of phytochemical, antioxidant and Antibacterial Potential of Selected Leafy Spices in Sri Lanka Exploring the Effectiveness of Phenolic Antioxidants Extracted from <i>Annona muricata</i> L. Fruit Seeds and Peel Using Ultrasound-Assisted Extraction
	Q&A
3:15 PM - 3:45 PM	Tea
3:45: PM - 4:45 PM	Development of a Fermented Whey Dairy Beverage Fortified with Bovine Collagen as a Functional Food Commodity
Session Chairs Prof. B.C. Jayawardena Prof. Eresha Mendis	Phenolic content and Antioxidant activities of Underutilized <i>Dioscorea</i> Yams in Sri Lanka Development of a Biodegradable Alternative to Single use Sachets Using Agar Extracted from <i>Glacilaria edulis</i> Effects of Selected Disinfecting Agents on the Microbial Quality and Physical Characteristics of Fresh-cut Carrots (<i>Daucus carota</i>) Assessment of the Nutritional Profile, Glycemic Response, and Functional Attributes of Novel Basmati-Type Rice Varieties in Sri Lanka
	Q&A
4:45: PM - 5:45 PM	Evaluation of Functional Properties and Sensory Attributes of Selected Curry Leaf (<i>Bergera koenigii</i>) Ecotypes Thriving across Sri Lanka
Session Chairs Prof. B.C. Jayawardena Prof. Eresha Mendis	Comprehensive Analysis of Composite Flour Blends Incorporating Jackfruit (<i>Artocarpus heterophyllus</i>) Bulb and Seed, and Characterization of Quality Attributes of Developed Crackers Development of Predictive Microbiology-Based Test Method to Validate the Log reduction of <i>Escherichia coli</i> in Spray Drying of Coconut Milk A Study on Self-care Strategies and Related Factors Among Hypertensive Patients Attending a Tertiary Care Hospital in Sri Lanka Anti-Diabetic and Anti-Obesity Properties of Locally Available Four Dickweed Varieties in Sri Lanka
	Q&A

Day 1	
VENUE, DAY TIME - 29.08.2024 2:15 p.m. - 5:45 p.m. Track 03-Room 02	
THEME	Food Security and Environmental Stewardship
Time	Topic
2:15: PM - 3:15 PM	Phylogenetic Associations of Virulence and Antibiotic Resistance of Uropathogenic <i>Escherichia coli</i> from Humans and Dogs
Session Chairs Prof. KK Wijesundara Prof. GLLP Silva	Colonization of Zoonotic Bacterial Pathogens in Village Chickens in Sri Lanka Detection of Infectious Spleen and Kidney Necrosis Virus (ISKNV) species in the Genus <i>Megalocytivirus</i> in Guppy (<i>Poecilia reticulata</i>) in the Western, North-Western and Central provinces of Sri Lanka Molecular Detection of <i>Mycoplasma Gallisepticum</i> and <i>Mycoplasma Synoviae</i> using SYBR Green based Quantitative PCR Assay in Selected Live Bird Markets Located in Western, Central and North Western Province in Sri Lanka Application of N gene targeting Conventional RT-PCR for Detection of Infectious Bronchitis Virus in Poultry
	Q&A
3:15 PM - 3:45 PM	Tea
3:45: PM - 4:55 PM	Diversity of Amphibians in Palleshalawinna and Lower Hanthana, Sri Lanka
Session Chairs	The Poultry Industry in Crisis: Effect of COVID-19 and Economic Downturn on the Broiler Sector in Western and North Western Provinces in Sri Lanka

Prof. KK Wijesundara	Insoluble Fiber Sources in Mash Diets for Broiler Starters (D1-21): The Impact on Growth Performance, foregut development and the Utilization of Nutrients and Energy
Prof. GLLP Silva	Microbiological Quality Assessment of the Poultry Broiler Starter Feed
	Avian Biological and Functional Diversity Across Different Habitats at the University of Peradeniya, Sri Lanka
	Q&A
4:55: PM - 5:45 PM	The Effect of Improved Ration on Body Condition, Metabolic Profile, and Reproductive Performance in Severely Emaciated Crossbred Dairy Cows
Session Chairs	Variation of Avifaunal Composition Along an Urbanization Gradient in the Kandy Region, Sri Lanka
Prof. KK Wijesundara	Diversity of Ant Fauna in Selected Crops and Ornamental Plants in Mathavuvaitha Kulam, Vavuniya District, Sri Lanka
Prof. GLLP Silva	Exploring Ant Diversity: Updated Inventory of Eastern University Premises in Sri Lanka
	Q&A

Day 2

VENUE, DAY TIME - 30.08.2024 10:00 a.m. - 1:00 p.m. Track 03-Room 01

THEME	Food Security and Environmental Stewardship
Time	Topic
10:00 AM - 11:00 AM	Attractiveness and Bait Longevity in Food Bait Traps for Female Melon Flies <i>Zeugodacus Cucurbitae</i> (Coquillett)
Session Chairs	A Review on Captive Breeding and Sustainable Trade of Selected Native Freshwater Fish Species Used in the Ornamental Fish Industry in Sri Lanka
Prof. Jeewika Weerahewa	Modified Low-Cost Growth Medium For <i>Spirulina Platensis</i> Using Cow Dung Tea
Dr. S.S.S de S. Jagoda	Evaluating Amphibian Diversity as a Measure of Ecosystem Development in Five Seral Stages of <i>Belipola</i> Analog Forest, Sri Lanka
	Impact of Long-term Fisher Awareness Programs on Sea Turtle Conservation in Kalpitiya, Sri Lanka
	Q&A
11:00 AM - 12:00 NOON	Community Participation in Sea Turtle Conservation - A Case Study in Kosgoda Coastal Area, Sri Lanka
Session Chairs	Effects of Immune Activation Through Bacterial Lipopolysaccharides and Food Deprivation on the Behaviour and Standard Metabolic Rate of Western Pygmy Perch (<i>Nannoperca vittata</i>)
Prof. Jeewika Weerahewa	Impacts of Seasonal In-migration on Local Fishers' Livelihoods in Mamunai Village, Jaffna
Dr. S.S.S de S. Jagoda	Impact of Social Comparative Nudging and Educational Interventions on Tomato Loss Reduction at Retail Environment
	Mango in Sri Lankan Homegardens: How Predominant are they?
	Q&A
12:00 NOON - 01:00 PM	Identifying Market Determinants for Fresh-Cut Vegetables by Exploring Consumer Perceptions and Preferences
Session Chairs	Factors Influencing Satisfaction with Food Among University Students: Evidence from the Faculty of Arts, University of Peradeniya
Prof. Jeewika Weerahewa	Costs of the Commonly Used Packaging Methods in Tomato Supply Chain in Sri Lanka
Dr. S.S.S de S. Jagoda	The Impact of Green Supply Chain management Practices on Sustainability Performance of Retail Firms in Sri Lanka
	Q&A

LUNCH BREAK

Day 2

VENUE, DAY TIME - 30.08.2024 2:00 p.m. - 5:15 p.m. Track 03-Room 01

THEME	Food Security and Environmental Stewardship
Time	Topic
2:00: PM - 3:00 PM	Water Smart Climate Change Strategies are the Need of the Hour: A Policy Brief
Session Chairs	Zircon Modified Polyaniline Composite for Aluminium Removal in Water
Prof. MIM Mowjood	Climate Change on Agriculture in Vadammaradchy South-West Divisional Secretariat Area in Jaffna District

Prof. NDK Dayawansa	Spatial and Temporal Variation of Nitrogen Levels of Surface and Groundwater of Bellankadawala Cascade during Major Growing Season
	A Comparison of Waste Management Practices Between Bangladesh, Japan and Sri Lanka
	Q&A
3:00 PM - 3:15 PM	Tea Break
3:15: PM - 4:15 PM	Evaluating Plant-based Compounds and a Chemical Disinfectant to Control Abundantly-colonizing Fungi on Mirror wall, Sigiriya, Sri Lanka
Session Chairs	Climate Change Impact on Food Security and NGO-Supported Adaptation Strategies in Vavuniya North, Sri Lanka
Prof. MIM Mowjood	A Design for Early Warning System to Minimize Elephant-Train Collisions in Sri Lanka
Prof. NDK Dayawansa	Efficiency of Sugarcane Bagasse-Derived Biosorbents to Treat Grey Water in Terms of Organics Removal
	Herbaceous Vine, Mikania micrantha as a Bioindicator of Urban Air Pollution
	Q&A
4:15 PM - 5:25 PM	Bioconcentration of Microplastics in Mangrove-associated Lagoon Cockle, Corbicula fluminea in Batticaloa Lagoon Sri Lanka
Session Chairs	Development of Low-Cost Automatic Rainwater Sample Collector for Assessing Air Pollution
Prof. MIM Mowjood	Enhanced Removal of Nitrate from Water Using Amine-grafted Corncob
Prof. NDK Dayawansa	Determinants of Farmers' Plastic Use Behavior in Agriculture: A Cross-Country Study
	Preliminary Study on Presence of Cyanotoxins in relation to the Annual Variation of Water Quality Parameters in Natural Water Resources in Padaviya, Sri Lanka
	Sri Lanka's EIA Framework: An Analysis of Biodiversity Integration in Comparison With UK's Best Practices
	Q&A

Day 2	
VENUE, DAY TIME - 30.08.2024 2:00 p.m. - 5:15 p.m. Track 03-Room 02	
THEME	Food Security and Environmental Stewardship
Time	Topic
2:00: PM - 3:00 PM	Virulent and Avirulent Ralstonia solanacearum Population Density in a Potato Grown Field, Applied with Five Types of Soil Amendments for Three Consecutive Growth Seasons
Session Chairs	Effects of Eight Soilborne Fungi on Seed Germination and Early Seedling Development in Selected Vegetable Crops
Prof. Chalinda K Beneragama	Molecular Characterization of Neopestalotiopsis Species Associated with Camellia Sinensis from Selected Tea Plantations in Sri Lanka
Prof. SACN Perera	Can the Agronomic Efficiency of Biochar Based Urea Fertilizers Applied in Maize Cultivation be Improved by Incorporating Urease Inhibitors?
	Intraspecific diversity of Elaeocarpus montanus Thwaites in Sri Lanka, Based on Molecular Data
	Q&A
3:00 PM - 3:15 PM	Tea Break
3:15: PM - 4:15 PM	Developing Eco-Friendly Fire Ant bait killer (Solenopsis geminata) Management Strategies Through Plant Extracts
Session Chairs	Biocontrol Ability of Tomato Indegenus Microflora Against Multiple Tomato Postharvest Pathogens
Prof. Chalinda K Beneragama	Cultivation of Oyster Mushroom (Pleurotus Ostreatus) Using Biowastes
Prof. SACN Perera	Impact of Inexpensive Tillage and Seeding Methods on Yield and Nutritional Quality of Fodder and Silage of Sugargraze
	Impact of Plastic Mulches on Soil Physicochemical Properties in Maize and Chili Fields in Wet Zone Sri Lanka
	Q&A
4:15 PM - 5:25 PM	Evaluating the Economic Feasibility and Social Acceptance of Inhibitor Technologies in Sri Lankan Paddy Cultivation
Session Chairs	Simulation of Rice Yield Response for Nitrogen Fertilizer Application across Diverse Agro-climatic Zones in Sri Lanka: An analysis using Agricultural Production System sIMulator (APSIM)
Prof. Chalinda K Beneragama	Phylogenetics Assessment of Two Unidentified Species of Capparis L. in Sri Lanka

Prof. SACN Perera

Newly Developed Leaves of Two Pioneer Seedling Species; *Macaranga peltata* and *Neolitsea cassia* Exhibit Thermal Acclimation of Photosynthesis to increased Average Growth Temperature

Sustainable Urban Development through ZFarming: Exploring Opportunities and Challenges in Sri Lanka

Inter-populational variation of salt tolerance ability of *Vigna marina* seedlings

Q&A

Weaving Technology for Sustainability and Wellbeing

Day 1	
VENUE, DAY TIME - 29.08.2024 2:15 p.m. - 5:45 p.m. Track 04 - Room 01	
THEME Weaving Technology for Sustainability and Wellbeing	
Time	Topic
2:15: PM - 3:15 PM	Comparison of PCR analysis with the Routine Histopathological Diagnostic Technique in Detecting Leishmania Donovanii in Clinically Suspected Cutaneous Leishmaniasis Samples
Session Chairs	The Effect of Cereal based Functional Beverage on Patients with Chronic Gastritis: A Pilot Study
Prof. Sampath Thennakoon	Differential Serum Total Antioxidant Capacity in Acute Coronary Syndrome: A Comparative Analysis across Clinical Conditions and Gender
Dr Niluka Gunaewardana	Association of Dyslipidemia with Hepatic Fibrosis and Steatosis in Metabolic-Dysfunction Associated Fatty Liver Disease
	Association between Genetic Polymorphisms of the Organic Cation Transporter-1 and Response to Metformin Therapy in Patients with Type 2 Diabetes
	Q&A
3:15 PM - 3:45 PM	Tea
3:45: PM - 4:45 PM	Knowledge, Awareness, and Attitudes towards Telemedicine among Patients on Continuous Ambulatory Peritoneal Dialysis in Two Distant Clinics and the National Hospital Kandy
Session Chairs	Anxiety and Depression among Patients with Chronic Leg Ulcers Attending to Vascular unit at the National Hospital of Sri Lanka
Prof. Veranja Liyanapathirana	Nasal Colonization of Staphylococcus Aureus and Streptococcus Pneumoniae in Preschool Children Attending Selected Immunization Clinics, Kandy, Sri Lanka
Dr. Yasitha Illangasekara	Comparison of Dosimetry of Mono Isocentric and Dual Isocentric Techniques for the Radiotherapy Treatment of Breast Cancer
	Detection of Coronaviruses in Wildlife Rodents in the North Central Province, Sri Lanka
	Effectiveness of Calcium as a Treatment for Managing the Symptoms and Severity of Dengue - A Single Center Study
	Q&A
4:45: PM - 5:45 PM	A Review on Synthesizing Data for Virtual Patient Simulators in Dentistry
Session Chairs	Detection of Helicobacter Pylori in Saliva of Patients with Periodontitis and Periodontally Healthy Individuals in a Sri Lankan Population
Prof. Veranja Liyanapathirana	A Study on the Applicability of the Modified Apls Weight-for- Age Calculation Formula on a Selected Population of Sri Lankan Children Attending a Tertiary Care Hospital
Dr. Yasitha Illangasekara	Prevalence, Clinical Characteristic and Pattern of Distribution of Seasonal Corona Virus Associated Acute Respiratory Tract Infections among Adults and Children in the Central Province of Sri Lanka from January 2020 - October 2022
	Q&A
Day 2	
VENUE, DAY TIME - 30.08.2024 10:00 a.m. - 1:00 p.m. Track 04 - Room 01	
THEME Weaving Technology for Sustainability and Wellbeing	
Time	Topic
10:00 AM - 11:00 AM	Assessing the Sustainability of Sugarcane Bagasse Ash Concrete Versus Traditional Concrete: A Life Cycle Approach
Session Chairs	Shear Capacity Prediction of Ultra-High Performance Fiber Reinforced Concrete (UHPC) Beams using Machine Learning Techniques
Prof. Chaminda Bandara	Investigation of the Mechanical Properties of Blended Sea-Sand Concrete
Dr. Samith Buddika	Effect of Superplasticizer on the Workability of Recycled Plastic Aggregate Concrete
	Shrinkage Characteristics of Modified High-Volume Fly Ash Concrete
	Q&A
11:00 AM - 12:00 NOON	AcciTracker: A Predictive Model for Road Accident Forecasting
Session Chairs	Assessing Risk of Railway Lines in Colombo Division: Examining Train Accidents Involving People
Prof. Nadeeshani Nanayakkara	Comparative Analysis of Fatal Road Traffic Accidents: A Study of Nepal and Sri Lanka
Dr. Vasantha Wickramasinghe	Design of a Smart Bus Tracking System and a Passenger Counting System to Enhance the Efficiency of Public Transportation
	Traffic Sign Detection and Recognition for Next-Generation Advanced Driver Assistance Systems for Smart Transportation
	Q&A
12:00 NOON - 01:00 PM	Water Safety Plans for Rural Communities: A Case Study from Drinking Water Treatment Plants in Badulla, Sri Lanka
Session Chairs	Assessing Flood Prediction Models for the Kalu Ganga Basin using Hec-Hms

Prof. Nadeeshani Nanayakkara	Improvement of Drainage Efficiency of the Most Contributed Catchment of Mahaiyawa Tunnel Drainage Canal, Kandy
Dr. Vasantha Wickramasinghe	Enhanced Degradation of Ciprofloxacin by Sri Lankan Red Earth
	Moragahakanda Resettlement Program with Small Tank System and its Impact on Regional Land Use: A Gis Based Geospatial Analysis
	Q&A
Day 2	
VENUE, DAY TIME - 30.08.2024 10:00 a.m. - 1:00 p.m. Track 04 - Room 02	
THEME Weaving Techology for Sustainability and Wellbeing	
Time	Topic
10:00 AM - 11:00 AM	A Preliminary Study on Prevalence, Morphological and Molecular Identification of Microfilaria Spp. Among Dogs in Homagama Divisional Secretariat – Colombo District of Sri Lanka
Session Chairs	Comparison of Sheep Blood and Human Blood Based Media for the Isolation and Identification of Pneumococcal Strains
Prof Rohitha Prasnatha	Molecular Detection of Megalocytivirus in Live Bearing Tropical Fresh Water Ornamental Fish
Prof Ruchika Fernando	Response to GnRH Administration at Artificial Insemination in Crossbred Temperate Dairy Cattle Supperovulated under Tropical Environment
	Phenotypic and Genotypic Characterization of Carbapenems Resistant Escherichia coli Isolated from Humans and Dogs
	Q&A
11:00 AM - 12:00 NOON	Antifungal Effects of Soluble silica on Several Postharvest Pathogens of Papaya in-vitro
Session Chairs	Impact of Heat Moisture Treatment on Morphology and Physicochemical Properties of Starches from Kiri Ala (Xanthosoma sagittifolium), Hulankeeriya (Maranta arundinacea) and Buthsarana (Canna indica) Grown in Sri Lanka
Prof. Mojith Ariyaratne	Evaluation of the Potentiality of Sweet Potato (Ipomoea batatas) and Kiri Ala (Colocasia Esculenta) Starches for the Commercial Production of Boba Pearls and Assessment of their Physicochemical Properties
Mr. Praveen H Abeyesundera	Screening Metabolites of Selected Soil Fungi and Their Potential Bioactivities
	Evaluation of Substrate Colonization Efficacy of Mushroom-Forming Fungal Isolates for Developing Mycelium-Based Biomaterials
	Q&A
12:00 NOON - 01:00 PM	Digital Key Performance Indicators for Corporate Decision-Making to Manage Innovation in Commercial Agriculture
Session Chairs	Entrepreneurial Competencies & Digital Marketing Orientation: Comparative Analysis of Empirical Evidence from the Literature
Prof. Mojith Ariyaratne	Impact of Supply Chain Capabilities on Operational Performance with the Mediation Effect of Technological Innovation in the Manufacturing Industry of Sri Lanka
Mr. Praveen H Abeyesundera	Analyzing and Forecasting of Land Prices in Colombo District
	“SharePlate”: A Surplus Food Redistribution Application for Promoting Sustainability and Wellbeing in Sri Lanka
	Q&A
LUNCH BREAK	
Day 2	
VENUE, DAY TIME - 30.08.2024 2:00 p.m. - 5:15 p.m. Track 04 - Room 01	
THEME Weaving Techology for Sustainability and Wellbeing	
Time	Topic
2:00: PM - 3:00 PM	Digital Storytelling for Building Corporate Reputation with Special Reference to the Sri Lankan FMCG Industry
Session Chairs	Assessment of Carbon Footprint of Using Electronic Devices vs Books as Learning Modes among a Cohort of Undergraduates of the University of Peradeniya
Dr. Jagath Senarathne	Optimization of Railway Transit Operations through the Implementation of an Enterprise Resource Planning (Erp) System: Automating Concessionary Pass (Season Ticket) Issuance in the Sri Lankan Railway Network
Mr. Amila Bandara	Designing an Effective Architecture for Exploiting Generative AI to Gather Insights and Predictions from Business Data
	Challenges for Adopting Electronic Procurement in the Sri Lankan Public Sector: A Study on the Divisional Secretariat Offices
	Q&A
3:00 PM - 3:15 PM	Tea Break
3:15: PM - 4:15 PM	Study on Use of Bee Honey as the Energy Source for Synthesis of Goat Semen Extender

Session Chairs	Development and Characterization of Sodium Alginate-Based Packaging Reinforced with Sansevieria Zeylanica Fibers
Dr. Jagath Senarathne	Development of SWCNT/TiO ₂ Gas Sensor for Enhanced Formaldehyde Detection in Composite Wood Material
Mr. Amila Bandara	The Role of Machine Translation and Computer-Assisted Translation Tools in Global Business Success: A Comprehensive Analysis
	Mix Optimization of Blended Mortar Containing Rice Husk Ash (RHA)
	Q&A
4:15 PM - 5:15 PM	Identify the Barriers to Reduce the Life Cycle Cost of Green Buildings in Sri Lanka
Session Chairs	A Study of Contemporary Utility of Buddhist Teachings Applicable to Biodiversity and Environmental Security
Dr. Jagath Senarathne	Enhancing Virtual Patient Simulation in Dentistry: Custom Case Creation for Tailored Learning Experiences
Mr. Amila Bandara	Q&A