# International Research Conference of Uva Wellassa University 2019



Uva Wellassa University of Sri Lanka

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විදහ, றா**ங்க்க**ை **பை பட்டேங்கை අමාත** நாய்ச்சி அமைச்சு விஞ்ஞான, தொழில்நுட்பவியல் மற்றும் ஆராய்ச்சி அமைச்சு Ministry of Science, Technology and Research



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## **Table of Contents**

Co – Partners	2
IRCUWU 2019	5
Chief Guest – Prof. Noel Scott	6
Guest of Honour - Senior Prof. (Dr.) H.H.D.N.P. Opatha	7
Keynote Speaker - Prof. Shuichi Asakawa	9
Keynote Speaker - Dr. Karin Müller	10
Program at a Glance	11
Map of Premises	13
Conference Tracks	14
Technical Sessions	15
Conference Dinner	90
Conference Tour	91
Committees – IRCUWU 2019	93
Past Symposia	98
Sri Lanka – Pearl of the Indian Ocean	101
Uva Wellassa University	103

#### **IRCUWU 2019**

UWU has generated an exemplary studious milieu for the nation inspired by unique theme, "Value Addition to the National Resources Base" and UWU continues to produce well-rounded graduates capable of contributing to the national development with innovative solutions.

With the prime objective of expanding knowledge horizons while paving the way towards sustainable national development, UWU takes pride in opening its International Research Conference (IRCUWU, 2019) under the theme of "Sustainable Business Transition through Technology and Innovations". This esteemed intellectual forum aims at bringing together Researchers, Scientists, Engineers, Social Scientists, Economists, Scholars, Students and Supporting Professionals, allied Stakeholders to exchange and share their experiences, novel ideas and research findings in all aspects of science, engineering and management sciences and discuss the challenges encountered and the practical solutions adopted. Further, the program includes Internationally Renowned speakers who will address a wide spectrum of current trends, improvements, issues and challenges in numerous diciplenes.

IRCUWU 2019 comprises of eighteen thematic areas namely,

- Aquaculture & Fisheries
- Biodiversity & Conservation
- Bioprocess Technology

- Computing & Information Sciences
- Entrepreneurial Agriculture
- Entrepreneurship & Organizational Development
- Environmental Sciences
- Food Science & Technology
- Genetics and Biotechnology
- Hospitality & Events Management
- Humanities & Social Science
- Library Science & Information Management
- Marketing, Accounting & Finance
- Material & Mineral Sciences
- Mechanical Engineering & Mechatronics
- Sustainable Animal Production Technology
- Sustainable Crop Production Technology

The Conference Tour to the Mahiyangana temple will take place on the day 03. The Mahiyangana Raja Maha Temple occupies a very important place in the history of Buddhism in the island, as it is the location of the Buddha's first visit to Sri Lanka nine months after attaining enlightenment. A short tour to Dambana including a cultural show is scheduled as a part of conference tour. Sorabora Lake, which depicts the Advanced Irrigation Engineering Technology of the Sinhalese Civilization, which is just 1Km away from current Mahiyangana town.

## Chief Guest – Prof. Noel Scott



Noel Scott is a Professor at the University of Sunshine Coast, Queensland, Australia. He was a Deputy Director, Griffith Institute for Tourism at Griffith University, Gold Coast, Australia. He has four higher education degrees and completed his doctorate at the University of Queensland in 2004. His research interests include the study of tourism experiences, destination management and marketing, and stakeholder organization. He is a frequent speaker at international academic and industry conferences. He has over 210 academic articles published including 13 books. He has supervised 19 doctoral students for successful completion of their theses. He is on the Editorial Board of 10 journals and a Member of the International Association of China

Tourism Scholars. Prior to starting his academic career in 2001, Noel worked as a Senior Manager in a variety of leading businesses including Manager Research and Strategic Services at Tourism and Events Queensland. He has extensive international tourism experience as a Trainer, Consultant, Guest Speaker, Advisor and a Mentor.

## Guest of Honour - Senior Prof. (Dr.) H.H.D.N.P. Opatha



Senior Prof. (Dr.) H.H.D.N.P. Opatha is the Senior Professor [former Professor of Human Resource Management (on Merit)] in the Department of Human Resource Management (HRM), Faculty of Management Studies and Commerce of the University of Sri Jayewardenepura (USJ), Sri Lanka. He is a Litterarum Doctor and, apart from his regular teaching at undergraduate and postgraduate levels at USJ, he has taught HRM at many postgraduate programmes in other universities including MBA and MLHRM at University of Colombo, MBA (HRM Specialization) at Postgraduate Institute of Management, MSc and MD in Medical Administration at the Postgraduate Institute

of Medicine, University of Colombo, MBA at Rajarata University of Sri Lanka, MHRM at University of Kaleniya, MBA at Sabaragamuwa University of Sri Lanka, and MBA and MSc at University Utara Malaysia.

He holds five academic qualifications, i.e. Bachelor of Science in Business Administration (Special) (Honours) (USJ)-1985; Master of Science in Business Administration (HRM) (USJ)-1991; Master of Business Administration (University of Birmingham, United Kingdom)-1993; Doctor of Philosophy in Human Resource Management (University Utara Malaysia, Malaysia)-2001; and Doctor of Letters (Sabaragamuwa University of Sri Lanka)-2015. Also he holds three professional qualifications, i.e. Diploma in Personnel Management & Industrial Relations (Distinction) (Cambridge Tutorial College-currently known as Cambridge International College, United Kingdom); Diploma in English (Merit) (College of Professional Management- currently under the Cambridge International College, United Kingdom); and Honorary Doctorate in HRM (on Merit) (IIU).

His publications include 17 Books; 63 Research Articles in Local and International Journals of Repute; 19 Abstracts; and 04 Study Manuals. He is the Author of the First Textbook on HRM in Sinhala Medium (Sewamandala Kalamanakaranaye, 1995), the First Sri Lankan Textbook on HRM in English Medium (Human Resource Management: Personnel, 2009), the First Sri Lankan Textbook on Organizational Behaviour in English Medium (Organizational Behaviour: The Human Side of Work, 2015), a creative book titled Personal Quality, 2010, and the main author of the book "Enhancing PQ" published by the University Utara Malaysia (The National Book Award-2015 was given to this book as the best book under the General/Common Book (Motivation) Category awarded by the National Book Development Foundation,

Malaysia (25/11/2015 at Putra World Trade Centre, KL). He is the First Full Professor in HRM in Sri Lanka (2003); the Most Ranked Senior Academic in the Faculty of Management Studies and Commerce of USJ with effect from his merit promotion to the Post of Professor (from Senior Lecturer-Grade II) (from 26/06/2003); and the First Senior Professor in HRM in Sri Lanka (from 26/06/2011).

He received many recognitions and awards, and selected ones to mention are Honorary Membership of Institute of Personnel Management Sri Lanka (INC) in recognition of the outstanding contributions and achievements in the field of Human Resource (12/05/2005); Selected as a Sri Lankan Personality and included in the Millennium Register of Sri Lankan Personalities (page number: 214) compiled and presented by Key Research and Information Ltd; Award of Pride of HR Profession by World HRD Congress at Global HR Excellence Awards 2010 (12/02/2010); the IPM Gold Medal for the most outstanding HR Professional/Personality of the year which is once in a life time award (07/06/2010); Award named "Uththama Purusa Upaharaya (Great Man Felicitation)" for teaching to a large number of Sri Lankan university students for more than 25 years without leaving the motherland conferred by Sri Jayewardenepura University Business Administration Graduates Foundation, 1987/88, 88/89 at the Berjaya Mount Royal Beach Hotel (28/12/2013); Research Awards- by Vice Chancellor and Research Council, USJ in recognition of achieving the highest hindex and the highest citations in the Faculty of Management Studies and Commerce of USJ for the years 2014, 2015, and 2016 continuously; and The Best Professor in Human Resource Management Citation (Honour) by the World HRD Congress (on 17/02/2018 at Taj Lands End, Mumbai). As a matter of fact, he is regarded as the Sri Lankan Guru of HRM.

# Keynote Speaker - Prof. Shuichi Asakawa



Prof. Shuichi Asakawa currently holds the post of professor in the Laboratory of Aquatic Molecular Biology and Biotechnology, Department of Aquatic Bioscience, Graduate School of Agricultural and Life Sciences, The University of Tokyo, Japan. His research interests are on the field of biomedical engineering (genomics, linkage analysis, transcriptomics and biotechnology). Prof. Asakawa completed his bachelors in 1986 at The University of Tokyo, Japan and in 1988 and 1991 obtained Master of Science and Doctor of Philosophy respectively, from the same university.

He worked as an Associate Professor in Keio University School of Medicine, Tokyo and since 2009, joined as a full professor in his current position.

His laboratory consisted of 34 members at present, including one associate professor, one assistant professor, six research scientists, ten Ph.D. students, six masters' students, four undergraduate students and six research students from seven countries. A wide range of researches are being conducted in his laboratory such as, developing genome analysis technology, high quality genome mapping using aquatic organisms, linkage and correlation analyses of quantitative trait loci for selection breeding, functional analysis of non-coding RNAs in fish, comparative genomics using dolphins, biotechnology using aquatic organisms, studies on the fish behaviour and protein structure-function correlations. Details of Prof. Asakawa laboratory can be found on http://www.suikou.fs.a.u-tokyo.ac.jp/eng\_home.html.

Prof. Asakawa has obtained several grants including Japan Society for Promotion of Science (JSPS Kakenhikiban A) and has many collaborative research works both locally and internationally. He has published over ten research papers every year on high impact, indexed journals. Prof. Asakawa also obtained patents for his work on the field of DNA hybridization; He has completed whole genome analysis of medaka and pearl oyster and also has played a key role in human genome project. He has also obtained many awards during his career namely, Sanshikai Encouragement Award - Keio University School of Medicine, Encouragement Award - Japanese Society of Human Genetics and Encouragement Award - The Japanese Society for Gene Diagnosis and Therapy. Prof. Asakawa is also the Editor of the Journal of Scientific Reports by Nature publishers.

# Keynote Speaker - Dr. Karin Müller



Karin Müller is a Senior Scientist at Plant & Food Research in Hamilton, New Zealand and is heading Plant & Food Research's Production Footprints Team. She has obtained her PhD in 2000 at the Justus-Liebig University in Gießen, Germany, on 'measuring and modelling point and non-point source pesticide contamination of surface waters'. From 2000 to 2009, Karin then worked at AgResearch in Hamilton. Her research interests include investigating solute leaching & runoff under artificial/natural rainfall at different scales to assess risks of different

management practices.

Recently Karin has led several projects on investigating causes, occurrence and impacts of soil water repellence on soils' regulating and provisioning services, and on developing underpinning science that can be incorporated into life-cycle assessed environmental foot printing schemes. In 2012, Karin has been appointed as Adjunct Senior Lecturer at Massey University's Life Cycle Management Centre. She has co-authored about 52 scientific publications in International Journals. Karin is also the Associate Editor of the Wiley journal the 'European Journal of Soil Science' and the US Soil and Water Conservation Society's journal 'Journal of Soil and Water Conservation'. She is also serving on the Editorial Committee of the journal 'Agricultural, Ecosystem and Environment' (Elsevier).

# Program at a Glance

#### February 07, 2019

07.00 a.m. Registration

#### **Inaugural Session**

09.00 a.m.	Lighting the Oil Lamp, National and University Anthems
09.10 a.m.	Welcome Address by the Conference Coordinator- Dr. J. Sutha
09.15 a.m.	Address by the Vice Chancellor- Prof. (Dr.) J.L. Ratnasekera
09.25 a.m.	Address by the Chief Guest – Hon. Min. Sujeewa Senasinghe
09.35 a.m	Address by the Guest of Honour - Prof. (Dr.) Noel Scott
09.45 a.m.	Address by the Guest of Honour - Prof. (Dr.) H.H.D.N.P. Opatha
10.30 a.m.	Refreshment

#### **Plenary Speeches Session**

11.00 a.m.	Prof. (Dr.) Shuichi Asakawa, University of Tokyo, Japan
11.30 a.m.	Dr. Karin Müller, The New Zealand Institute for Plant and Food Research Limited
12.00 p.m.	Vote of Thanks by Conference Secretary - Dr. J.P.R.C. Ranasinghe

12.10 p.m. Lunch

#### **Technical Sessions**

01.30 pm – 03.45 pm Technical Session I (18 Parallel Tracks)

02.00 pm - 06.00 pm Poster Session

03.45 pm - 04.00 pm Refreshment

#### **Conference Dinner & Cultural Show**

07.30 p.m. At Riverside Hotel, Badulla Town

#### February 08, 2019

08.30 a.m. – 09.30 a.m. Technical Session II (18 Parallel Tracks)

09.30 a.m. – 10.45 a.m. Panel Discussion

- Sustainable Tourism Development in Sri Lanka (Venue – MLT)

- Effects of Climate Change on Agriculture (Venue – Block E2)

- Current Research and Development Trends of Nanotechnology in Material and

Mineral based industry in Sri Lanka (Venue – Block D1)

- Sri Lanka's Published and Indexed Research Profile: Opportunities & Missing

link (Venue – Senate Room)

10.45 a.m. – 11.00 a.m. Refreshment

11.00 a.m. – 01.30 p.m. Technical Session III (18 Parallel Tracks – Oral & Poster Sessions)

01.30 p.m. – 02.30 p.m. Lunch

#### **Closing Ceremony**

#### Chairperson: Prof. J.L. Ratnasekera

#### Scientific Presentations

02.30 p.m. Dr. N.M.N. Nambapana, Senior Lecturer/ Faculty of Animal Science and Export Agriculture

02.45 p.m. Dr. T. H. N. G. Amaraweera, Senior Lecturer/ Faculty of Science and Technology

03.00 p.m. Dr. K.G.C Senarathna, Senior Lecturer/ Faculty of Technological Studies

03.15 p.m. Dr. A.A.K.K Jayawardhana Lecturer/ Faculty of Management

03.30 p.m. Discussion

03.45 p.m. Valedictory Address by Professor S. Srinivasa Ragavan, Bharathidasan University, India

04.00 p.m. Award Ceremony

05.00 p.m. Concluding Remarks by Prof. H.M.S.K. Herath/ Chairman of the Research Committee

05.15 p.m. Refreshment

#### February 09, 2019

#### **Conference Tour**

#### **Itinerary:**

Dambana, Mahiyangana Temple & Sorabora Lake (Indeginous Culture Heritage and Sustainable Irrigation in modern world)

Starting Time: 05.00 a.m.

Gathering Point: Uva Wellassa University

# Map of Premises



#### **Conference Tracks**

- 1. Aquaculture & Fisheries
- 2. Biodiversity & Conservation
- 3. Bioprocess Technology
- 4. Computing & Information Sciences
- 5. Entrepreneurial Agriculture
- 6. Entrepreneurship & Organizational Development
- 7. Environmental Science
- 8. Food Science & Technology
- 9. Genetics and Biotechnology
- 10. Hospitality & Events Management
- 11. Humanities & Social Sciences
- 12. Library Science & Information Management
- 13. Marketing, Accounting & Finance
- 14. Material & Mineral Sciences
- 15. Mechanical Engineering & Mechatronics
- 16. Sustainable Animal Production Technology
- 17. Sustainable Crop Production Technology
- 18. Travel & Tourism

# **Technical Sessions**

## Aquaculture & Fisheries

#### **Oral Presentations**

Date: 07.02.2019 Venue: E2

Time (p.m.)	Paper ID	Abstract Title and Name of the Authors
01.30-01.45	474	Effect of Sesame Seed Cake Meal as an Alternative Protein Source in the Diets
		of Juvenile Guppy Fish Reared in Outdoor Farming Conditions
		K.M. Nishshanka and K. Radampola
01.45-02.00	239	Molecular Identification of Fresh and Cooked Tuna Samples Using Triplex-
		Polymerase Chain Reaction Assay
		S.M. Efrem, W.W.P. Rodrigo and S.M.P. Lukshman
02.00-02.15	250	Sea Urchin Abundance and Diversity at Selected Locations in Southern and
		Eastern Coasts of Sri Lanka
		<u>H.B.U.G.M. Wimalasiri</u> , D.G.T.C.Balawardhana and S.S.K. Haputhanthri
02.15-02.30	891	Suitability of Plant Based Ingredients: Rice Bran, Coconut Poonac and Maize
		as Binders for Quality Improvement of Fish Feed Additive Made from
		Autolyzed Shrimp Waste
		J.M.S.K. Jayasundara, M.P.K.S.K. De Silva, W.A.R.K. Senaarachchi and
		N.P.P. Liyanage
02.30-02.45	896	Comparative Study on Total Chlorophyll, Carotenoid, Fucoxanthin in
		Seaweeds Ulva reticulata, Sargassum ilicifolium and Gracilaria multipartita
		and Colour Enhancing Commercial Ornamental Fish Feeds
		S.M.N.U. Samarakoon, M.P.K.S.K. De Silva, W.A.R.K. Senaarachchi and
		N.P.P. Liyanage
02.45-03.00	907	Assessing the Ecological Impact of the Bottom-set Crab Net Fishery for
		Portunus pelagicus on Non-Target Species at Thuraiyoor, Sri Lanka
		V. Subaha, I.U. Wickramaratne and H.M.T.N.B. Herath
03.00-03.15	913	Comparative Analysis on Morphological Variation of Three Populations of
		Saccostrea cucullata (Rock Oysters) and Crassostrea madrasensis (Indian
		Backwater Oyster) (Bivalve: Mollusca) in Selected Coastal Regions of Sri
		Lanka
		M.S.D. Peiris, H.K.A.E. Prasadika, G.G.N. Thushari and J.C. Pitawala

03.15-03.30	930	Development of Low Cost Mass Culture Media for Spirulina platensis
		K.S.P. Munirathna, A.C.W.W.M.C.L.K. Coswatte and S.C. Jayamanne
03.30-03.45	935	A Study on the Potential of Extraction of Roe Oil from Thunnus albacares,
		Katsuwonus pelamis, Canthidermis maculata and Lepidocybium
		flavobrunneum
		D.S. Shanuke, A.C.W.W.M.C.L.K. Coswatte and S.C. Jayamanne
03.45-04.00	949	Abundance and Diversity of Ichthyoplankton in the West Coast of Sri Lanka,
		from Kelani River Estuary to Maha Oya Estuary
		A.P.R. Silva, M.I.G. Rathnasuriya, K.P.G.K.P. Guruge and R.P.P.K.
		Jayasinghe
04.00-04.15	951	Some Aspects of the Reproductive Biology of Dasyatis zugei (Pale-edged
		stingray) in the Gulf of Mannar, Sri Lanka
		L.D. Gayathry, A.P. Abeygunawardana, J.M.D.R. Jayawardana and
		S.C. Jayamanne
04.15-04.30	960	Extraction of Protein from Discarded Shellfish Waste; Value Added Shrimp
		By-products for fish Feeds
		W.W.A.R.K. Senaarachchi and M.P.K.S.K. De Silva
04.30-04.45	1053	A Review on Export Trade of Freshwater Ornamental Fish Species in Sri
		Lanka
		T.D.N.K.S. Rathnamurthi, P.C.B. Dias, J.M.D.R. Jayawardana, J.D.M.
		Senevirathne and N.P.P. Liyanage

#### **Poster Presentations**

Date: 07.02.2019 Venue: E1

Time (p.m.)	Paper ID	Abstract Title and Name of the Authors
05.00-06.00	967	Effect of Nitrogen Sources on Growth Performance of Marine Microalgae  Nannochloropsis sp  K.P.R.S. Kondasinghe, H.B. Jayasiri, J. Mallawaarachchi, K.P.G.K.P. Guruge  and E.P.D.N. Thilakarathna
	973	Preliminary Investigation on Current Status of Freshwater Fishery Sector and Sensory Qualities of Selected Food Fish in Three Selected Reservoirs of Badulla District in Uva Province of Sri Lanka  K.B.S. Weerasignghe, A.M.G.A.D. Athawuda, S. Gamage, A.P. Abeygunawardana, G.G.N. Thushari, N.P.P. Liyanage and S.C. Jayamanne
	975	Evaluation of Sensory Qualities of Catla Fish ( <i>Catla Catla</i> ) in Three Selected Reservoirs of Badulla District, Uva Province, Sri Lanka <u>D.L. Leshika</u> , T.K. Ediriweera, A.P. Abeygunawardana, E.M.C. Siriwardana, G.G.N. Thushari, N.P.P. Liyanage and S.C. Jayamanne
	999	Social Relationships of Dried Fish Producers in Trincomalee District, Sri Lanka <u>A. Yuganthan</u> , I.U. Wickramaratne, D.N. Koralagama and H.M.T.N.B. Herath
	1003	Growth Performance of <i>Holothuria Scabra</i> (Sand Fish) with Different Stocking Density in Open Sea Pen Culture in Jaffna, Sri Lanka <u>V. Mahishalini</u> , J.M. Athula and B. Nirooparaj
	1056	A Comparative Study on Ancient and Contemporary Fisheries Management Systems in Inland Reservoirs of Anuradhapura District in Sri Lanka: A Review W.M.P. Lakpawan, N.P.P. Liyanage, T.M.P.S.I. Tennakoon, H.M.T.N.B. Herath and C.J.P. Kulathilaka

## Biodiversity & Conservation

#### **Oral Presentations**

Date: 08.02.2019		Venue: Workshop Lecture Hall	
Time (a m )	Paner ID	Abstract Title and Name of the Authors	

Time (a.m.)	Paper ID	Abstract Title and Name of the Authors
8.30-8.45	165	Efficient Microorganisms for Bioethanol Production from the Natural
		Environment of Sri Lanka.
		S.K. Jayasekara, C.L. Abayasekara and R.R. Ratnayake
8.45-9.00	214	Morphological Characterization and Distribution of Lagenandra praetermissa
		de Wit & Nicolson
		G.K.I.S Madola, K. Yakandawala, D.M.D. Yakandawala and S.B. Karunaratne
9.00-9.15	257	Species Limits in Curvularia: Updated Backbone Phylogeny and Fresh
		Collections from Sri Lanka
		R.S.K.H.S. Ferdinandez, D. Udayanga, N. Deshappriya, M.L.A.M.S.
		Munasinghe and D.S. Manamgoda
9.15-9.30	773	Monitoring Tributyltin (TBT) Contamination of Southern Coastal Waters in Sri
		Lanka.
		K.R.V. Bandara, S.D.M. Chinthaka and P.M. Manage
9.30 – 9.45	852	Composition of the Faunal Community Fouling on Long-Term Test Panels
		Deployed in Colombo Port, Sri Lanka.
		M.M.K.I. Marasinghe and R.R.M.K.P. Ranatunga
9.45 – 10.00	904	Screening the Effects of Microplastics on Selected Invertebrates along Southern
		Coastal Belt in Sri Lanka: A Preliminary Approach to Coastal Pollution
		Control.
		<u>H.N.S. Wijethunga</u> , A.M.G.A.D. Athawuda, P.C.B. Dias, A.P.
		Abeygunawardana, J.D.M. Senevirathna, G.G.N. Thushari, N.P.P. Liyanage
		and S.C. Jayamanne
10.00 – 10.15	909	Zooplankton Studies in East Coast of Sri Lanka.
		K. Koshika, H.B.U.G.M. Wimalasiri, R.P.P.K. Jayasinghe and K.P.G.K.P.
		Guruge

10.15 – 10.30	923	Assessment of Suspended Plastic Levels in Surface Water of Southern Coastal Belt in Sri Lanka.  A.M.A.I.K. Athapaththu, A.M.G.A.D. Athawuda, P.C.B. Dias, A.P. Abeygunawardana, J.D.M. Senevirathna, G.G.N. Thushari, N.P.P. Liyanage
10.30 – 10.45	1033	and S.C. Jayamanne  Present Status of Export Trade of Endemic and Indigenous Freshwater  Ornamental Fish Species in Sri Lanka  K.P.U.T. Egodauyana, P.C.B. Dias, J.M.D.R. Jayawardana, J.D.M.  Senevirathne and N.P.P. Liyanage

#### **Poster Presentations**

Date: 08.02.2019 Venue: E1

Time (p.m.)	Paper ID	Abstract Title and Name of the Authors
11.00-12.00	167	A Preliminary Study of the Faunal Diversity in a Fragmented Lowland
		Evergreen Rain Forest Patch: Wawekele Reserve Forest, Avissawella, Sri
		Lanka
		R.A.G.N. Ranatunga, P.A.B.P. Abeyrathne and G.K.I.S. Madola
	192	Is the Future of Mangroves in Vidattaltivu Nature Reserve Secured? A
		Community Based Study
		P.L.I.G.M. Cooray, M. Edison and <u>D.D. Ambegala</u>
	769	Biofouling Community Composition Along the Coast Adjacent to Colombo
		Port.
		M.M.K.I. Marasinghe and R.R.M.K.P. Ranatunga
	874	Accumulation of Proline in Plants of Mangrove and Maritime Ecosystems in
		Southern Wet Zone of Sri Lanka
		W.W.N.T. Jayathilake, N.A.W.R. Nallaperuma and P.N. Yapa
	1005	Study on Diversity and Abundance of Cetaceans off Mirissa, Southern Coast
		of Sri Lanka
		S.K. Senadeera, E.P.D.N. Thilakarathne and U.S.P.K. Liyanage

## Bioprocess Technology

#### **Oral Presentations**

Date: 07.02.2019 Venue: C4

Time (p.m.)	Paper ID	Abstract Title and Name of the Authors
1.30-1.45	226	Effect of Microbial Fermentation on the Antioxidant Potential of Cassava
		T.W.N.K. Perera, R. Amarakoon and E.A.A.D. Edirisinghe
1.45-2.00	235	Using Microbial Fuel Cell to Monitor Volatile Fatty Acids in an Anaerobic
		Process
		<u>H.M.K.S.B. Thennakoon</u> , S.M.W.T.P.K. Ariyarathna, and M. Danthurebandara
2.00-2.15	405	Isolation of Antibacterial Compounds from the Endophytic Fungus Curvularia
		lunata
		T. Pavalakantharasa, J.M.N.M. Jayasundara, and P.B. Ratnaweera
2.15-2.30	463	Development of Bioethanol from Water Hyacinth (Eichhornia crassipes) Using
		Cellulose Degrading Microbial Biofilm
		G. Thakshika, C.M. Peries and A.P. Henegamage
2.30-2.45	624	Production of Bio Ethanol from Sri Lankan Overripe Fruits Using Batch
		Fermentation and Optimization of Ethanol Yield
		I.W. Kularathne, A.C. Rathnaweera, C. S. Kalpage, S. Rajapakse and C. A.
		Gunathilaka
2.45-3.00	805	Screening of Alpha Amylase Inhibitory Activity and Antioxidant Activity of
		Selected Sri Lankan Medicinal Plants
		K.T.A.G. Somarathna, A.P. Henegamage and A.G.A.W. Alakolanga
3.00-3.15	807	Bioremediation of Cadmium by Microbial Biofilms Developed Through
		Endophytic Fungi from Selected Mangrove Species and Soil Bacteria
		S.I.M.F. Nufla and A.P. Henagamage
3.15-3.30	843	Evaluation of Cadmium Ion (Cd++) Adsorption Ability of Banana Peels and
		Luffa Sponges
		R.M.S. Geethanjana and A.Y.L.Fernando

Date: 08.02.2019 Venue: C4

Time	Paper ID	Abstract Title and Name of the Authors
8.30-8.45	890	Extraction of Crude Collagen from <i>Thunnus albacares</i> (Yellowfin Tuna)
		Skin and Determination of Antioxidant and Metal Chelation Activities of Its
		Hydrolysates
		G.P.D.D.S. Thilanja, K.S.M. Dissanayake and E.D.N.S. Abeyrathne
8.45-9.00	903	Evaluation of Oxalate Chelating Properties of Selected Egg White Proteins
		P.I.L. Fernando, A.G.A.W. Alakolanga and E.D.N.S. Abeyrathne
9.00-9.15	910	Determination of Antioxidant and Metal Chelation Activities of Sepioteuthis
		lessoniana (Squid) ink hydrolysates
		I.H.L. Fernando, T.K. Ediriweera, A.G.A.W. Alakolanga and E.D.N.S.
		Abeyrathne
9.15-9.30	915	Extraction of Crude Coconut Oil from Industrial Coconut Waste and
		Determination of Its Chemical Properties
		<u>U.H.D.A. Karunarathne</u> , A.G.A.W. Alakolanga and E.D.N.S. Abeyrathne
11.00-11.15	977	Effect of Activated Carbon Produced from Spent Tea Leaves on
		Dechlorination of Water
		E.M.T.S. Ekanayake, A.G.A.W. Alakolanga and H.M.S.K. Herath
11.15-11.30	990	Optimization of Fermentation Medium for Bioethanol Production from
		Palmyrah Molasses
		S. Sinnarasa, P.D.P.M.D. Silva, A.G.A.W. Alakolanga and S. Mahilrajan
11.30-11.45	995	Study of Manganese Accumulation and Temporal Variation of Water
		Quality in Badulu Oya
		N.H. Wijesinghe, E.P.D.N. Thilakarathne and K.P.G.K.P. Guruge
11.45-12.00	1001	Preliminary Screening of Marine Algal Species for Isolation of Bioactive
		Compounds from Caulerpa racemosa, Sargassum crassifolium and Ulva
		reticulata
		<u>D.M.B.K. Samarakoon</u> , S. Thiruchenduran and T.N.B. Herath
12.00-12.15	1021	Effect of α-Pinene on the Soil Bacterial and Fungal Population and Soil
		Organic Carbon in Eucalyptus Plantations
		<u>P.M. Dahanayake</u> , M.M.S.N. Premetilake, A.P. Henegamage and H.M.S.K.
		Herath

12.15-12.30	1046	Efficiency of Manganese Removal by <i>Eichhornia crassipes</i> and <i>Pistia stratiotes</i> from Contaminanted Water <u>I.D.S.T. Jayawardhana</u> , J.A. Athula and E.P.D.N. Thilakarathne
12.30-12.45	1063	Reduction of Enzymatic Discolouration of Natural Rubber Latex by Using Antioxidant and <i>Moringa oleifera</i> Leaf Extract  N.N.M.Arachchi, A.P. Attanayake, A.M.W.K. Senevirathna and H.G.I.M. Wijesinghe
12.45-01.00	M-BPT-01	Screening for Antibacterial Potential of Marine Algae Extracts from West Coast of Sri Lanka <u>H.M.B.M.M.D. Herath</u> and P.N. Yapa
01.00-01.15	957	Surface Modification of Cellulose Micro Fibrils Extracted from Banana Pseudo-Stem Using Bis- [3 (triethoxysilyl)propyl] tetrasulfide <u>T.A.R.W.M.M.C.G. Bandara</u> , H.G.I.M. Wijesinghe, A.G.A.W. Alakolanga and A.M.W.K. Senavirathna
01.15-01.30	985	A Novel Method to Manufacture Skim Crepe Rubber with Low Nitrogen Content using Pineapple Juice Treated Skim Latex <u>D.M.D.A. De Zoysa</u> , A.M.W.K. Senevirathne, H.G.I.M. Wijesinghe, Y.C.Y. Sudusinghe and S. Siriwadena

#### **Poster Presentations**

Date: 07.02.2019 Venue: E1

Time (p.m.)	Paper ID	Abstract Title and Name of the Authors
04.00-05.00	408	A Comparison of Richness, Diversity and Antibacterial Producing
		Capacity of Endophytic Fungi of Cyperus iria from Three Geographical
		Locations in Sri Lanka
		J.M.N.M. Jayasundara, P.B. Ratnweera and E.D. de Silva
	895	Extraction of Crude Skin Collagen from Pterygoplichthys pardalis and
		Determination of Antioxidant and Metal Chelation Activities of Its
		Hydrolysates
		E.H.P.U. Dilhani, K.S.M. Dissanayake and E.D.N.S. Abeyrathne

	912	Determination of Antioxidant and Metal Chelating Activities of Water
		Extracted Lepidocybium flavobrunneum Muscle Protein Hydrolysates
		A.S.U. Kumarasinghe, T.K. Ediriweera and E.D.N.S. Abeyrathne
05.00-06.00	927	Comparative Study on Antioxidant Activity and Antimicrobial Activity of
		Sargassum ilicifolium Crude Extract Using Different Solvent Extractions
		K.E.A.N. Edirisinghe, B.R.S. Bogahawaththa, E.D.N.S. Abeyrathna and
		M.K. Ranasinghe
	932	Development of a Simple Nontoxic Method to Extract Crude Fish Oil
		from Yellowfin Tuna (Thunnus albacares) Offal
		G.M.V.T. Basuru, M.G.T.R. Kariyawasam, A.G.A.W. Alakolanga and
		E.D.N.S. Abeyrathne
	966	Comparison of Oil Yields and Chemical Composition of Selections of
		Cymbopogon winterianus and Cymbopogon nardus
		L.K.D. Mekala, H.A.E.N. Ariyasinghe, E.A.L. Lochana and A.G.A.W.
		Alakolanga

Date: 08.02.2019 Venue: E1

Time	Paper ID	Abstract Title and Name of the Authors
08.30-09.30	972	Investigation on the Possibility of Harnessing Biogas from Spent Tea Leaf
		M.D.D. Rathnasuriya G.A.A.R. Perera and H.M.S.K. Herath
	982	Use of Host Volatile, Pentanol as the Pheromone Synergist for
		Management of Red Palm Weevil
		<u>U.V.A. Pramudika</u> , A.D.N.T. Kumara, A.N.R. Weerawansha and A.M.W.K.
		Senevirathna
	987	Identification of Retting Enhancing Microbial Strains in Coconut Fibre
		Extraction
		H.M.N.P. Thilakarathna, J.A.K.M. Fernando, T.T.D. Dharmarathne and
		A.M.W.K. Senavirathna
	1024	Development of a Protocol to Reduce the Total Dissolved Solids in
		Effluent Treatment Plant Water
		D.G.C.B. Abeywardhane, A.G.M.T.D. Fernando and N.S. Withanage

## Computing & Information Sciences

#### **Oral Presentations**

Date: 07.02.2019 Venue: D - Opposite Laboratory

Time (p.m.)	Paper ID	Abstract Title and Name of the Authors
1.30-1.45	62	Optimization of Rabin Karp Pattern Matching Algorithm Based on Parallel
		Computing Techniques for DNA Sequence Analysis
		M.G.M. Anjalee, W.P.U. Fernando and D.R.V.L.B. Thambawita
1.45-2.00	139	An Improved Intelligent Elevator Control Model Using Image Processing
		and Fuzzy Logic
		S.I Punchihewa, J.A.V.V Weerarathne, H.D.C.P. Jayarathne, K.P.P.S
		Pathirana1 and N.P. Samarasinghe
2.00-2.15	147	Person Re-Identification and Tracking for Surveillance Camera Systems
		S.H.J.N. Samarathunga, M.U.M.G.C.P.K. Wijesinghe, R.P.S.R. Kumara
		and D.R.V.L.B. Thambawita
2.15-2.30	154	Toxic Comment Classification using Machine Learning
		L.A.S. Pramodya, R.M.G.U. Rathnayaka, K.K.S. Lahiru and D. R. V. L. B.
		Thambawita
2.30-2.45	218	A Game-Based Driving Learning System for Sri Lankan Driving Learners
		to Enrich the Awareness of Road Rules
		C.H.V. Sapumohotti, A.G.A. Sampath, J.D.B. Sampath and S.T.C.I.
		Wimaladharma
2.45-3.00	246	An Accurate Indoor Navigation Method Using Radio Signals and Machine
		Learning Techniques
		M.B.C.K. Nimaladasa, H.H.S.B. Herath, P.K. Koshila and S.C.T.I.
		Wimaladharma
3.00-3.15	1036	Development of Non-Destructive Image Analysis Protocol to Assess the
		Quality of In-Vitro Propagated Orchid Plantlets
		E. H. Weerakkody, P.E. Kaliyadasa and N. E. C. Jayasekara
3.15-3.30	341	Concentration Device for Increasing Productivity Through the
		Improvement of Pomodoro Technique Using Colour Psychology
		E.A.I. Priyanga , B.P. De Silva, H.M.P.P. Jayarathna, K.R R.
		Karunarathne and R.M. Perera

3.30-3.45	528	Augmentative and Alternative Communication Application for Adults with
		Language Difficulties: An Application Developed in Sinhala Language
		D.A.Y.K. Gunawardana, R.M Jayathunaga, A.H.H.G De Silva,
		E.M.U.W.J.B. Ekanayake and R.L.S. Wilson

Date: 08.02.2019 Venue: D - Opposite Laboratory

Time (a.m.)	Paper ID	Abstract Title and Name of the Authors
8.30-8.45	585	Modeling the Semantic Significance in Non-Factoid Question-Answer Pairs
		in Online Discussion Forums Based on Deep Belief Networks
		M.V.P.T. Lakshika
8.45-9.00	752	Distinguish Garnet Mineral From Pulmuddai Beach Sand Using Image
		Processing Techniques
		D.M.H. Hirosh, J.V.A. Darshana, <u>H.M.M.S. Doratiyawa</u> , R.S.I. Wilson,
		Y. Mehendran and R.G.C. Jaliya
9.00-9.15	789	Data Mining Approach for Landslide Prediction Using Support Vector
		Machine for Rathnapura District, Sri Lanka
		C. N. Madawala, B.T.G.S. Kumara and L. Indrathilaka
9.15-9.30	813	Developing Simple and Economical Prototype to Measure the Internal and
		External Quality Parameters on Poultry Eggs.
		B.S. Ranchagoda, J.T.C. Udayangani, T.H.S.S. Sandaruwan, S.D.H.S.
		Wickramarathne and E.D.N.S. Abeyrathne
11.00-11.15	1022	An Intelligent Predicting Approach Based Long Short-Term Memory
		Model Using Numerical and Textual Data: The Case of Colombo Stock
		Exchange
		H.N. Kumarasinghe, D.M.A.B. Moneravilla, I.B.M.R.K.P. Muwanwella and
		J.B. Ekanayake
11.15-11.30	284	A Genetic Algorithm Approach to the Integrated Inventory-Distribution
		Problem of a Retail Supply Chain of Perishables
		<u>G.P.M.Sandaruwani</u> and T.D.Rupasinghe
11.30-11.45	1054	Landmark Recognition using Image Processing and Machine Learning
		K.P.D Fernando, M.I.U Perera, K.T.S.R Lakshmen and E.M.U.W.J.B.
		Ekanayake

#### **Poster Presentations**

Date: 07.02.2019 Venue: E1

Time (p.m.)	Paper ID	Abstract Title and Name of the Authors
04.00-05.00	1	The Study on Undergraduate's Readiness to Adapt E-Learning Technology
		in Sri Lanka
		<u>H.G.K.S. Senarath</u> and J. Sutha
	119	Effective C-RBAC Framework Based on Role Provisioning for Data
		Protection in Business Application Systems
		M. Auxilia, K. Raja and <u>K. Kannan</u>
	160	E-Business Decision Support System for Online Shopping using MAS with
		Ontology and JADE Methodology
		K. Kannan, K. Raja, A. Rajalumar and P.K. Nizar Banu
	310	Application of Image Processing and Neural Network Technique for Rice
		Grading
		<u>P.L.D. Wasana</u> , P.S.R. Fernando, M.K.A. Lakmal, P.A.A. Illoshini, R.S.I.
		Wilson and E.M.U.W.J.B. Ekanayake
	322	A Machine Learning Approach for Emotion Classification of Sri Lankan
		Folk Melodies
		<u>J. Charles</u> and S. Lekamge
	350	Automated Collection of Customer Feedback Using Facial Expression and
		Machine Learning Techniques
		<u>H.M.P. Praneeth Jayarathna</u> , E.A.I. Priyanga, Buddika P.De Silva , K.R R.
		Karunarathne, R.M. Perera and S.H.D. Senanayake
05.00-06.00	353	A Customizable Virtual Reality Application for Enhancement of Method of
		Loci
		R.M. Perera, E.A.I. Priyanga, B.P.De Silva , K.R.R. Karunarathne ,
		H.M.P.P. Jayarathna and S.H.D Senanayake
	465	Low Cost, User-Friendly, Integrated Shopping Cart System to Motivate
		Usage of Smart Shopping Carts in Retail Industries
		W.P.I.M. Pathirana, S.P.J.H. Senarath, L.A.I.U. Siriwardane and D.R.V.L.
		B. Thambawita

480	A Cost Effective Method for Pavement Roughness Computation <u>D.Y. Galagoda</u> and N. Amarasingha
523	Identification of Anomalous Clients' Request by Analyzing Server Log File Using Apache Hadoop Framework and Tableau <u>V. Bavathuja</u> , S. Raahini, M. Ramashini and S.T.C.I. Wimaladharma
531	Exploring the Effectiveness of Search Engine Optimization Tactics for Dynamic Websites in Sri Lankan Context <u>L.G.H.U. Niranjika</u> and G.D. Samarasinghe
657	Determine a Software Usability Model to Improve User Experience in Generation Z Oriented Software Applications <u>W.P.N.H. Pathirana</u> and D.N. Wickramaarachchi

#### **Poster Presentations**

Date: 08.02.2019 Venue: E1

Time	Paper ID	Abstract Title and Name of the Authors
08.30-09.30	787	Lightweight and Portable Cross-Platform Application Development Framework
		<u>M.A.S. Suranga</u> , S.J.M.D.P. Samarakoon, C.Hettiarachchi, H.M.S.N.
		Ariyadasa and S.T.C.I. Wimaladharma
	790	Design and Develop an E-kanban System Based on Lean Manufacturing
		Concepts to Optimize Supply Chain Management in Apparel Industry in Sri
		Lanka.
		V.D.B. Chathurani, H. M. A. I. S. Herath, R. A. K. H. Ranasinghe, A.M.B
		Ratnayake and C.S.D. Ellepola
	802	K-Means Clustering Algorithm to Predict the Badulla Tomato Price Based on
		Weather Factors
		K.T. Dananjali, J.B. Ekanayake and A.S. Karunaratne
	809	Smart Tour Planner for Sri Lanka
		P. Kumar, S.P.S. Deemantha, E.K.H. Lakmal, H.M.S.N. Ariyadasa and S.T.C.I.
		Wimaladharma
	811	Developing a Lead Generation Mechanism to Identify People's Contact Points
		Using Web Data Analytics
		J.M.D. Senanayake and W.P.N.H. Pathirana

	860	An Ontological Study on Diabetes Sri lanka
		G.G.A.L. Gamlath, A.M.N.K. Abeysinghe, W.G.S.A. Sarathchandra S.D.H.S.
		Wicramarathne and R.S.I Wilson
11.00-11.10	1043	Mobile Apps' Feature Extraction Based On User Reviews Using Machine
		Learning
		T. Thiviya, R. Nitheesram, G. Srinath, E.M.U.W.J.B. Ekanayake and Y.
		Mehendran

## Entrepreneurial Agriculture

#### **Oral Presentations**

Date: 07.02.2019 Venue: E4

Time (p.m.)	Paper ID	Abstract Title and Name of the Authors
1.30-1.45	43	Modified Ridge Type Estimator in Multiple Linear Regression Model
		Y. Bahirathan and S. Arumairajan
1.45-2.00	106	Supplier Relationship Quality of Raw Milk Procurement in Moneragala
		District with Reference to a Dairy Company
		U.T.A. Galappaththi and S.H.P. Malkanthi
2.00-2.15	132	A Study on Knowledge Level and Entrepreneurship Traits among Dairy
		Cattle Farmers
		R.S. Bharathy and <u>S. Vijayakumar</u>
2.15-2.30	663	Production Relationship of Shrimp Cultivation in North Western Sri Lanka
		Using Farm Level Data
		W.K.G. Perera, J.C. Edirisinghe and M.D.S.T. De Croos
2.30-2.45	965	Impacts of Green Brand Benefits on Retailer Brand Loyalty
		B.A.G.C.U. Abeyrathne, M.G.P.P. Mahindarathne and A.M.C. Amarakoon
2.45-3.00	1058	Determinants of Rural Poverty in Sri Lanka
		R.A.P.I.S. Dharmadasa and <u>K.K.H.M. Rathnayake</u>
3.00-3.15	785	Spatial and Temporal Variation in Input Oriented Technical Efficiency of
		Paddy Cultivation in Sri Lanka
		M.D.K.S.P. Dasanayaka and J.C. Edirisinghe
3.15-3.30	1032	Multidimensional Poverty in the Estate Sector of Badulla District in Sri
		Lanka
		P.M.M. Fernando, P.H.T. Kumara, R.A.P.I.S. Dharmadasa and W.G.R.L.
		Samaraweera
3.30-3.45	44	Time Series Modeling of Monthly Rainfall in Kilinochchi District, Sri Lanka
		S. Kirisanth, N. Varathan and S. Arumairajan

Date: 08.02.2019 Venue: E4

Time	Paper ID	Abstract Title and Name of the Authors	
8.30-8.45	118	The Contribution of Urban Agriculture for the Urban Household Incomes	
		in Kandy District	
		W.N.S. Kumari and H.S.R. Rosairo	
8.45-9.00	448	Constraints for Popularization of Fresh Milk: A Case Study in Gampaha	
		District	
		D.H. Piyumi and <u>K.G.I.S.B. Hapuhinna</u>	
9.00-9.15	701	Willingness to Pay for "Fortified Compost": A Study on Vegetable	
		Farming in Nuwara-Eliya District	
		R.G.I.C. Waidyarathne, J.C. Edirisinge, M. Otoo and W.J.S.K.	
		Weerakkody	
9.15-9.30	808	Paddy Farmers' Willingness-To-Pay towards Eco-Friendly Farming	
		Technologies: Case of Adoption of Parachute Technology	
		L.H.N. De Silva, C.D.A. Lakmali, U. K. Jayasinghe-Mudalige, R.S.	
		Dharmakeerthi and D.N. Sirisena	
11.00-11.15	899	Remittances, Expenditure Pattern & Gender: Evidence from Urban Sector	
		of Sri Lanka	
		R.A.T.K. Senarathne, R.A.P.I.S. Dharmadasa and B.C.H. Maduwanthi	
11.15-11.30	997	Analyzing the Promotion of Local Healthy Fast Food through Hela Bojun	
		Project	
		M.K. Senarathna, M.G.P.P. Mahindarathne, A.M.C. Amarakoon and	
		A.W.T. Dharmasena	
11.30-11.45	1019	Analysis of Present Status and Production Forecasting of Potato Farming	
		in Sri Lanka	
		L.R. Weerasinghe, F. Niranjan, C.S. Wijetunga and B.C.H. Maduwanthi	

#### **Poster Presentations**

Date: 07.02.2019 Venue: E1

Time	Paper ID	Abstract Title and Name of the Authors
04.00-05.00	784	Organic Fertilizer Producers in Sri Lanka: An Assessment of Constraints
		along the Value Chain
		M. P. G. D. Lakshika, S. D. Withanage, U. K. Jayasinghe-Mudalige, H. A. C.
		K. Jayathilake, F. Thiel and P. H. Amerasinghe
	970	Factors Affecting Tourists' Willingness Towards Agro-Tourism
		N.P.C.S. Nishshanka, M.G.P.P. Mahindarathna and K.P.M. Kahandage
	1015	Development of Creamed Coconut Sauce (Cocos nucifera)
		R.I.U. Premarathna, A.D. Wijenayake, G.A.A.R. Perera and T.T.D.
		Dharmarathna
	1044	Factors Affecting the Buying Intention of Ceylon Organic Tea by Foreign
		Consumers
		V. A. Kothalawala, M.G.P.P. Mahindarathne and K.P.M. Kahandage
	1050	Economics of Selected Domestic Food Crops: A Case Study in Badulla
		District, 2000-2017
		I.M.B. Sewwandi, C. S. Wijetunga and R.M.P.S. Rathnayake
	1057	Exporters' Willingness to Adopt Tea Hub Concept in Sri Lanka
		G.D.U. Niroshini, R.A.P.I.S. Dharmadasa and A.M.C. Amarakoon
05.00-06.00	1059	Evaluation of Tea Center Concept: A Study of Customer Satisfaction with
		Special Reference to Hayley's Plantation Sector
		M.P.A.T.N. Jayawardhana, B.C.H. Maduwanthi, M.G.P.P. Mahindarathne
		and A.T. Gamage
	1060	Skilled Based Migration from Sri Lanka -A Descriptive Analysis
		N.K.R. Dissanayake, R.A.P.I.S. Dharmadasa, C.S. Wijethunga and H.M.T.R.
		Herath

## Entrepreneurship & Organizational Development

#### **Oral Presentations**

Date: 07.02.2019 Venue: F1

Time (p.m.)	Paper ID	Abstract Title and Name of the Authors
1.30-1.45	49	The Impact of Effective Succession Planning Practices on Employee's
		Retention of Private Business Organizations in Sri Lanka
		W.A.D. N Poornima, J. Sutha and K.J.T. Perera
1.45-2.00	140	Exploring Employees' Work Life Conflict in Sri Lankan Software
		Development Firms
		M.M.U. Jayasekara and K.A.C. Chandrika
2.00-2.15	376	Denim Reconstruction Method as a Sustainable Approach for the Fashion
		Industry in Sri Lanka
		A.M.H.N. Bandara and D.M.S.S. Jayakody
2.15-2.30	830	An Assessment of the Struggle on Improving Global Competitiveness of Japan:
		Focus on the Recent Policies and Practices of Global Human Resource
		Development
		K.K.U. Ananda Kumara
2.30-2.45	179	Impact of Subjective and Objective Job Monotony on Psychological Distress
		(With special reference to Apparel Sector Women Blue-collar workers)
		R.R.B. Rubasingha, J. Sutha and K.J.T. Perera
2.45-3.00	1048	Impact of HRM Practices on Organizational Performance of Selected Private
		Hospitals in Andhra Pradesh, India
		S.S. Nallamothu
3.00-3.15	180	Knowledge Management Enabler Factors on Organizational Performance
		(with Special Reference to the Companies Registered under Colombo Stock
		Exchange)
		<u>D.G.R.P. Wickramanayake</u> and S.F. Fasana
3.15-3.30	227	Impact of Organizational Learning Climate on Innovative Work Behavior
		(With Special Reference to the Middle Level Employees in Apparel Industry
		Sri Lanka)
		H.D.S.A. Thilakarathna, J. Sutha and Y.M.C. Gunarathne

3.30-3.45	262	Investigating	the	Influence	of E-HRM	Practices	on	Organ	nizational
		Performance:	The	Mediating R	ole of Organ	izational A	gility	(With	n Special
		Reference	to	Financial	Instituti	ons in	;	Sri	Lanka)
		A.D.S. Thaths	<u>ara</u> a	ınd J. Sutha					

Date: 08.02.2019 Venue: F1

Time	Paper ID	Abstract Title and Name of the Authors					
8.30-8.45	504	Entrepreneurial Intention of prisoners in Sri Lanka					
		D.H.V. Isahrika, J. Sutha, S.F. Fasana and Ven.P. Wachissara					
8.45-9.00	498	Knowledge Management through E – HRM: A Review					
		A.K. Anjala					
9.00-9.15	537	The Impact of Enterprise Resource Planning (ERP) System on Operational					
		Performance of Listed Companies in Sri Lanka: Special Reference to					
		Manufacturing and Beverage, Food & Tobacco Sectors					
		A.E.K. Madushika, S.F. Fasana and K.J.T. Perera					
9.15-9.30	26	A Review of Literature of Venture Growth and Debacle: Elucidations of					
		Factors Recounting to Small and Medium Scale Industry					
		T. R. Perera and V.E.I.W. Weerasinghe					
11.00-11.15	580	Impact of Employees' Protean Career Attitudes on Organizational					
		Commitment (With Special Reference to Financial Sector in Kandy District)					
		W.M.H.K. Bandara, J. Sutha and D.M.R.S. Dissanayaka					
11.15-11.30	742	Does Work Environment Matter for Employees' Productivity in the Public					
		Sector in Sri Lanka?					
		T.A.I. Priyadarshani and A.K. Anjala					
11.30-11.45	768	A Study of Factors Affecting to the Effectiveness of Recruitment and					
		Selection Process: A Case of a Reputed Banking Institute in Sri Lanka					
		<u>W.A.M. Niranga</u>					
11.45-12.00	979	Quality of Visual Merchandising in Fashion Stores in the Batticaloa District					
		K. Saraniya and T. Paranthaman					

12.00-12.15	428	Impact of Workplace Environment on Job Satisfaction: With Special				
		References to University of Kelaniya.				
		P.T. Dompelage, J. Kalansooriya, <u>D.S.R.E.S. Gunawardhana</u> ,				
		D.L.I.H.K. Peiris and A.R.N.D. Ramanayaka				
12.15-12.30	1006	Determinants of Revenue Collection of the Local Authorities in Trincomalee				
		S. Sarweswaran and N. Rajeshwaran				
12.30-12.45	646	The Study of Impact of Self- Motivation on Career Development of Female				
		Nursing Staff (With Special Reference to Government Hospitals in Colombo				
		District)				
		S.M. Hettigodage and S.F. Fasana				
12.45-01.00	800	The Impact of Work-Life Balance on Job Performance of Administrative				
		Officers of State Universities in Sri Lanka				
		U.D. Perera, J.K.H. Sampath and M.D. Pushpakumari				
01.00-01.15	857	Emotional Intelligence and its Impact on Entrepreneurial Intention; the Role				
		of Psychological Capital as a Mediator (With Special Reference to				
		Entrepreneurial Undergraduates of Sri Lanka)				
		A.R.F. Nuha and S.F. Fasana				
01.15-01.30	511	Challenging to Change: Skill Malleability and Job Search Behaviour				
		N. Kengatharan				

#### **Poster Presentations**

Date: 07.02.2019 Venue: E1

Time (p.m.)	Paper ID	Abstract Title and Name of the Authors	
04.00-05.00	493	Conflict Handling through Grievance handling: An Evidence from Apparel	
		Industry in Sri Lanka	
		D.W.R.A.A.B. Dissanayake and A.K. Anjala	
	849	Assessing Human Resource Related Risk Management Frameworks for	
		Small-scale Software Development Companies in Sri Lanka: A Systematic	
		Review of Literature	
		S. R. Herath and P. L. S. Peter	

693	Physical and Mental Well-being and Job Satisfaction Among Male Construction Workers in Selected Urban Construction Sites.  W.D.T.A. Mahathanthila, J.A. Madushika and M. Rai
23	Impact of Employee Recognition on Employee Involvement: The Mediation Role of Self-Esteem. <u>G.W.K.P.S Jayarathna and J. Sutha</u>
184	An Empirical Study on the Impact of Job Rotation Practices on Employees Job Performance: Comparative Study of Public and Private Licensed Commercial Banks in Colombo District  N.B.A.S. Shehansi, Y.M.C. Gunarathne, N.P.R. Deyshappriya and A.G.N.K. Fernando
545	Influence of Visual Merchandising on Fashion Oriented Impulse Buying Behavior: Special Reference on Colombo District <u>C.T.A.M. Fernando</u> , Y.M.C.Gunarathne and N.P.R.Deyshappriya
548	An Empirical Study of the Impact of Brand Equity on Consumer Purchase Decisions of Soft Drink Market: Special Reference to Youth Sector <i>U.B.G.S.Samudika</i> , <i>Y.M.C.Gunarathne and N.P.R. Deyshappriya</i>

### **Environmental Science**

#### **Oral Presentations**

Date: 07.02.2019 Venue: F4

Time	Paper ID	Abstract Title and Name of the Authors
1.30-1.45	105	Equilibrium Isotherm Analysis of Methylene Blue Adsorption by Natural Sri
		Lankan Ball Clay
		T.N.T.K. Nawarathna and C.S. Kalpage
1.45-2.00	204	Determination of Nitrate and Nitrite Ion Levels of Drinking Water Bodies in
		Selected Locations at Gageyaya Village, Mahiyanganaya.
		K.M.D.S. Subaseela and J.A.T.C. Ariyasena
2.00-2.15	236	Determination of the Adsorption of Solids and Some Selected Elements into
		Different Types of Clay Minerals for Hospital Wastewater
		K.G.R.D.H. Kattange, T.H.N.G. Amaraweera, S.M. Young and Y.M.S.S. Yapa
2.15-2.30	297	Removal of Selected Metals in Textile Wastewater Using Plant Parts of Pinus
		caribaea, Manihot esculenta and Gliricidia sepium
		B.S.G. Gimhani, T.H.N.G. Amaraweera and S.M. Young
2.30-2.45	372	Analysis of Pesticide Residues in Rice Cultivated in Anuradhapura District
		Using Multi-Residue QuEChERS Method with LC-MS/MS Detection
		<u>G.H.S.D. Jayasekara</u> , G.V.V. Liyanaarachchi, M.N.A. Mubarak and E.M.R.K.B.
		Edirisinghe
2.45-3.00	501	Feasibility of Using Groundwater and Soil geochemistry in Mineral Exploration;
		A Case Study from Udawalawe, Sri Lanka
		W.M.B.S. Weerasekara and D.T. Udagedara
3.00-3.15	599	Risk Assessment and Health Based Evaluation on Rural Water Supply Schemes:
		Case Study in Kotiyakumbura, Mawela and Kandewaththa
		E.P.M. Edirisinghe, R.M.S.M. Rajapakse, W.B.M.L.I. Weerasekara and S.K.
		Weragoda
3.15-3.30	819	Assessment of Quality of Drinking Water in Selected Areas of Badulla District:
		An Approach to Causative Factors for Chronic Kidney Disease of Unknown
		Etiology (CKDu)
		R.M.M.L. Rathnayake, M. Purathini, A.P. Henagamage and M.M.S.N.
		Premetilake

3.30-3.45	859	Time-efficient and Accurate Texture Analysis of Tropical Soils
		P.D.B.J. Palihakkara and U.W.A. Vitharana

Date: 08.02.2019 Venue: F4

Time	Paper ID	Abstract Title and Name of the Authors
8.30-8.45	202	Awareness on E-waste: A Case Study in Faculty of Arts, University of Colombo
		<u>M.A.D. Madushanka</u>
8.45-9.00	307	Removal of Heavy Metals from Industrial Wastewater through Minerals
		<u>U.A.S.L. Muthukalum</u> and C.A. Gunathilake
9.00-9.15	607	Study of Applicability of Kaolin to Remove Heavy Metals (Cr, Mn, Cu, Fe and
		Cd) from Textile Sludge
		I. Hewage, D.T. Jayawardana and D.T. Udagedara
9.15-9.30	617	Contamination of Drinking Water by Solid Waste Leachate: A Case Study in
		Badulla Municipal Council, Uva Province, Sri Lanka
		M.M.M. Infas, Y.N.S. Wijewardana and L.W. Galagedara
11.00-11.15	729	Product Carbon Footprint of a Garment Manufacturing in Sri Lanka.
		H.A.C. Priyankara, C.M. Navaratne, M.G.G. Awanthi and P.R.D. J. Perera
11.15-11.30	741	Application of Newly Develop Bacterial Consortium for Decolorization of
		Structurally Different Textile Dyes
		E.M.M.S. Ekanayake, D.Udayanga and P.M. Manage
11.30-11.45	190	Potential of Normalized Difference Vegetation Index Derived from
		Multispectral Optical Satellite Imagery to Estimate Stand Basal Area and
		Biomass of Mangroves
		P.L.I.G.M. Cooray, and D.T .Jayawardana
11.45-12.00	195	An Eco-friendly Approach to Purify Reject Water from Reverse Osmosis
		Treatment Plant
		G.R.P.S. Karunarathne and S.M.W. Ranwala
12.00-12.15	491	Design and Development of a Double Layered Compost Biofilter for Ammonia
		Odour Filtration in Broiler Farms
		A.N. Dodantenna, A.K. Karunarathna, B.C. Jayawardana and S.G.V.B.
		Warnasooriya
		·

12.15-12.30	331	Wastewater Treatment Solution for Vehicle Service Stations by Using Ultrafiltration Membrane  R.R. Wijesinghe, H.M.T.S. Ritigala and N.P. Premachandra
12.30-12.45	363	Characterization of Effluent Water from Dairy and Meat Processing Industry in Sri Lanka  R.D.J. Sanjeewani, R.A.U.J. Marapana and A. Cooray
12.45-01.00	518	Assessment of Phytoremediation to Treat Selected Metals in Textile Wastewater <u>H.K.M.M.P. Premarathne</u> , T. Udagedara and S.M. Young
01.00-01.15	590	Assessment of the Impact of Azolla Pinnata at Demodara Water Treatment Plant Intake Reservoir N. S. Jayasinghe, W.B.M.L.I. Weerasekara, T. Udagedara and S. K. Weragoda
01.15-01.30	593	Variation of Phytoplankton in Relation to Some Environmental Factors in Kandy Lake, Sri Lanka <u>K.L.K. Shehani</u> and S.K. Yatigammana

### **Poster Presentations**

Date: 07.02.2019 Venue: E1

Time (p.m.)	Paper ID	Abstract Title and Name of the Authors
04.00-05.00	10	Study on Portable Drinking Water Dupply in Bibile Divisional Secretariat area
		<u>I.L.M. Sabri</u>
	215	Impacts of Southern Expressway towards Flood Condition Changes: A Case
		Study in Dodangoda Divisional Secretariat.
		M.G.P. Sankalani and G.Y. Jayasinghe
	315	Seasonal Solar Power Generation Potential for Electricity Supply in the Dry
		Zone of Sri Lanka
		U.S. Meegahakotuwa, K.W.G.R. Nianthi and D.M. Dissanayake
	325	Processing of a Novel Low-Cost Adsorbent by Co-granulation of Egg-Shells
		and Tea Waste
		V.N. Priyadarshana and C.S. Kalpage
	370	Seasonal Groundwater Quality Variation in Monaragala District of Sri Lanka
		<u>W.A.C. Udeshani</u> and S.K. Gunatilake

	413	Hardness Removal from Drinking Water Using Inorganic Ion Exchange Resin-
		Zeolite
		K.C. Jayangani, R. Weerasooriya, N.P. Premachandra and I.P.L. Jayarathna
05.00-06.00	503	Urban Green Infrastructures as an Integrative Approach for Sustainable City
		Planning and Development in Sri Lanka.
		R.U. Galagoda and G.Y. Jayasinghe
	611	Social Impacts on Rainwater Harvesting – A Case Study in Anuradhapura and
		Kegalle
		K.A.I.L. Rathnayake, S.K. Weragoda, W.B.M.L.I. Weerasekara and D.T.
		Udagedara
	659	Spatial Distribution and Interactions of Environment Components in Galle
		Coastal Region and Its Inter- relationships with Resource Users
		V.A. Weerathunga, A.U. Kuragodage, M.M.P.N. Piyawardhana,
		L.P.G.C. Gayashan and J.M.A. Shanika
	777	Management of Environmental Issues Associated with Small Scale Rural
		Water Supply Project Via Rapid Environmental Assessment (REA) Approach.
		H.M.A.K. Handapangoda, B.K.A. Bellanthudawa, A.L.S. Heshani, N.M.S.K.
		Nawalage, P.A.D.C. Pinnagoda and R.M.C.Y. Rathnayaka
	795	Effect of Catchment Characteristic on Formation of Trihalomethane Along the
		Kelani River in Sri Lanka.
		H.R.L.C. Bandara and W.B.M.L.I. Weerasekara
	804	Toxicity Assessment of a Commercial Product Containing D-Tetramethrin and
		Cyphenothrin on Ecosystem by using Butterflies as Indicator Species
		<u>H.T.A.R. Karunananda</u> and M. P. Gunawardena

Date: 08.02.2019 Venue: E1

Time	Paper ID	Abstract Title and Name of the Authors
08.30-09.30	159	Utilization of Sustainable Timber Materials for Innovative Green Building
		Solutions
		D.M.N.A. Dissanayake, M.S. Mendis, G.Y. Jayasinghe and R.U. Halwatura

	206	Poultry Litter Generation, its Impacts and Management Strategies in Sri Lanka
		– A Review
		S.A.D.S.S. Maheepala and G.Y. Jayasinghe
	313	Leachate Characterization and Assess its Impact on Soil and Groundwater
		Quality of the Municipal Solid Waste Dump Site Bandarawela
		P.M.P.N. Wickramasooriya, U.M.N. Jayawickrama and T.D.Gunawansha
	319	Comparison of the Effectiveness of Hydrilla, Water Hyacinth and Water
		Lettuce in Treating Domestic Wastewater
		A.M.S.N. Amarakoon and N.P. Premachandra
	349	Application of Bio Remadiation for Treating Dyecontaining Wastewater
		D.N.L. Ranasingha and A.M.W. Manike
	569	Synthesis of Graphene Oxide from Graphite for Water Treatment
		D.N. Samarathunga and C.A. Gunathilake
11.00-12.00	676	Compliance of Wasterwater Standard by Textile Industries at Board of
		Investment - Biyagama Export Processing Zone (BOI-BEPZ)
		T.S. Nanayakkara and and N.P. Premachandra
	688	Removal of Fluoride from Water using Zeolite
		T.D. Ilayperuma and A.M.A.N.B. Attanayake
	744	Contamination Status of Pathogenic Bacteria and Water Quality of
		Groundwater in Angunukolapelessa, Sri Lanka
		M.G.Y.L. Mahagamage, I. Abinaiyan and P. M. Manage
	845	Saltwater Intrusion into Freshwater Lagoons in Jaffna Peninsula
		A. Gajenthiran, D.T. Udagedara and N.T.S.G. Gamachchige
	635	Investigate on the Manganese Phase Diagram when Manganese is Reacting
		with Calcium hypochlorite
		S.A. Abeysinghe, S.K. Weragoda, W.B.M.L.I. Weerasekara and D.T.
		Udagedara
	675	Determination of a Suitable Treatment Methodology to Treat Rice Washed
		Water Released from Rice Mills
		K.M.G.D. Abhilasha, S.K. Weragoda, N.P. Premachandra and W. B. M. L. I.
		Weerasekara

### Food Science & Technology

### **Oral Presentations**

Date: 07.02.2019 - Session One Venue: D2

Time (p.m.)	Paper ID	Abstract Title and Name of the Authors
1.30-1.45	182	Citrus Fiber® Enhances the Physicochemical and Sensory Attributes of Set-
		yoghurt
		K.L.P. Subhashini, J.K. Vidanarachchi, I. Vijesooriya, N. Jayawardana and
		P.W.R. Palipana
1.45-2.00	173	Development of Dairy Free Cereal Based Coconut Yoghurt Rich with
		Naturally Formed Vitamin B12
		S.M.M.C. Sethunga, S.B. Navarathna and T.G.G. Uthpala
2.00-2.15	305	Development of Natural Food Colourant from Melastoma malabathricum
		(Maha Bovitiya) Fruit
		<u>D.N.M. Weerasooriya</u> and J.W.A. Sajiwanie
2.15-2.30	509	Effect of Hik Tree (Lannea coromandelica) Wax on Internal and Sensory
		Attributes of Chicken Eggs Stored Under Room Temperature
		P.M.U. Pushpakumara, H.M.J.C. Pitawala and E.D.N.S. Abeyrathne
2.30-2.45	320	Assessment of Oxidative Stability and Fatty Acid Composition of Gamma
		Irradiated Edible Oils
		E.M.R.M. Ekanayake and E.M.R.K.B. Edirisinghe
2.45-3.00	335	Aroma Volatiles of Ambul Banana (Musa acuminata, AAB) as Affected by
		Artificial Ripening Agents
		S.D.T. Maduwanthi and R.A.U.J. Marapana
3.00-3.15	879	Development of Low-fat Chicken Meat Paste with Dried Bitter Gourd
		(Momordica charantia) Powder
		A.D.R. Karunarathne, S.K.D. Wijesinghe, D.C. Mudannayake, A.G.A.W.
		Alakolanga and D.D. Jayasena
3.15-3.30	417	Development of Pond Apple (Annona glabra) Ready-To-Serve Drink and
		Evaluation of Its Quality Parameters to Popularize the Utilization of
		Underutilized Fruits
		M.E.V.L. Kanishka and P.L.N. Lakshman

3.30-3.45	835	Investigation of Functional Properties and Phytochemical Screening of
		Selected Fruit Peel Powders
		P.G.I. Dias, J.W.A. Sajiwanie and R.M.U.S.K. Rathnayake

Date: 07.02.2019 - Session Two Venue: D3

Time (p.m.)	Paper ID	Abstract Title and Name of the Authors
1.30-1.45	116	Optimization of the Methanolic Extraction Procedure for Chemical
		Preservatives in Ready to Serve Jelly Drinks by Response Surface
		Methodology
		W.A.G.E. Wijelath, N.Y. Jayanath, D. Senevirathne, K.P.G.K.T. Guruge and
		W.M.T. Madhujith
1.45-2.00	902	Utilization of Jackfruit Seed Flour (Artocarpus heterophyllus L.) as a
		Thickening Agent in Tomato Sauce Production
		C.S.D.S. Maduwage, R.A.M.A.T. Rajakaruna, W.A.J.P. Wijesinghe and P.W.
		Jeewanthi
2.00-2.15	880	Healthy Plant Oils as Fat Replacers in Low Fat Chicken Sausages
		I.G.P.Y. Rathnayake, A.G.A.W. Alakolanga and D.D. Jayasena
2.15-2.30	301	Determination of Nitrate and Nitrite in Pepper by High Performance Liquid
		Chromatography/Ultra Violet Method
		D.C. Senavirathna, M.N. Wickramaratne and E.A.S. Suranga
2.30-2.45	917	Impact of Gamma Irradiation on Control of Microorganisms in Export
		Oriented Moringa (Moringa oleifera) Powder and Flakes
		K.M.S.P.L. Karunanayake, R.M.N.P. Rathnayake, R.D.R. Ranasinghe and
		W.A.J.P. Wijesinghe
2.45-3.00	884	Incidence of Pale, Soft, and Exudative (PSE) Chicken Meat at a Commercial
		Plant and Its' Effect on Marinated Chicken Breast
		A.J. Arshath Ahas and D.D. Jayasena
3.00-3.15	318	Industrial Potential of Mango (Mangifera indica L.) Peel and Seed
		R.C.N. Thilakarathna, B.G.K. Madhavi, J.M.L.R. Bandara, D.C.K.
		Illeperuma, A. Navaratne and C.V.L. Jayasinghe

3.15-3.30	933	Effect of Osmotic Dehydration on Quality of Green Chili Powder
		W.D.M.R.R. Dissanayake, H.R.P. Fernando, V.P. Ellepola and W.A.J.P.
		Wijesinghe
3.30-3.45	888	Development of Value Added Products from Tilapia: A Preliminary and
		Innovative Approach to Improve Tilapia Fishery Sector in Sri Lanka
		K.B.S. Weerasinghe, T.K. Ediriweera, A.P. Abeygunawardane, G.G.N.
		Thushari, N.P.P. Liyanage and S.C. Jayamanne

Date: 08.02.2019 - Session One Venue: D2

Time	Paper ID	Abstract Title and Name of the Authors
8.30-8.45	897	Probiotic Viability of Cow Milk Kefir during Storage
		A.G.R.L. Aluthwaththa, N. Perera and D.C. Mudannayake
8.45-9.00	878	Formulation of Nutritionally Superior Energy Drink Using Locally Available
		Fruits and Vegetable
		J.A.S.S. Jayaweera, R.M.N.A. Wijewardhane and G.A.A.R.Perera
9.00-9.15	892	Development of an Edible Coating Using Crude Sodium Alginate from
		Sargassum ilicifolium Incorporated with Ascorbic Acid for Minimally
		Processed Artocarpus heterophyllus Lam
		M.R. Chandanee, B.R.S. Bogahawaththa, M.K. Ranasingha, K.P.G.K.P.
		Guruge and E.D.N.S. Abeyrathne
9.15-9.30	906	Effect of Inulin as a Fat Replacer on Quality Traits of Chicken Sausages
		G.G.N. Jayarathna, I.P.A.U.N.K. Illippangama, S. Anand Kumar, D.C.
		Mudannayake and D.D. Jayasena
11.00-11.15	947	Effects of Protease and Viscozyme Enzymes on Physicochemical Properties
		of Cold-Water-Soluble Instant Black Tea
		<u>H.D.I. Shashini</u> , G.A.A.R. Perera, K.G.N.P. Piyasena and E.N.U. Edirisingha
11.15-11.30	950	The Effect of Moisture Content of Desiccated Coconut on the Quality of
		Virgin Coconut Oil
		H.K.N.D. Rathnayake, A.G.A.W. Alakolanga, N.E.Wedamulla and A.D.
		Wijenayake

11.30-11.45	929	Development of Ginger ( <i>Zingiber officinale</i> ) Incorporated Functional Milk  Dessert <u>G.P.S.Pathirana</u> and D.C.Mudannayake
11.45-12.00	962	Effects of Tannase in Comparison to Viscozyme on Physicochemical Properties of Cold-Water-Soluble Instant Tea <u>A.P.H. Somarathna</u> , G.A.A.R. Perera, K.G.N.P. Piyasena and E.N.U.  Edirisingha
12.00-12.15	989	Consumer Awareness Towards the Labeling Aspects on Beverage Products:  A Case Study on the Beverage Products at Supermarkets-Chain in Matara Urban Area  B.G.D.S. Gunasekara, M.K. Ranasinghe and J.M.D.R. Jayawardana
12.15-12.30	1055	Development of Rapid Dye Reduction (Resazurin) Test for Determination of Microbiological Quality of Coconut ( <i>Cocos nucifera</i> ) Water <u>R.D.A. Rangala</u> , T. Ranpatabendi, G.A.A.R. Perera and P.D.P.M. De Silva

Date: 08.02.2019 - Session Two Venue: D3

Time	Paper ID	Abstract Title and Name of the Authors
8.30-8.45	377	Assessment of Composition and Functional Properties of Traditional Yam
		Varieties and Development of Value Added Muffins
		G.D.M.Gunasekara, D.L.S. Kalhari, I. Wickramasinghe and I. Wijesekara
8.45-9.00	1007	Extraction of Anthocyanin From Hinembilla (Antidesma alexiteria) Fruit as a
		Natural Food Colorant
		S.D.T.U. Narayana, N.E. Wedamulla, W.A.J.P. Wijesinghe,
		R.A.M.A.T.Rajakaruna and H.J.K.S.S. Wijerama
9.00-9.15	1026	Development of an Edible Film Using Coconut Protein Isolate
		J.M.M.S. Jayasinghe, H.P.D.T. Hewapathirana, W.A.J.P. Wijesinghe and N.E.
		Wedamulla
9.15-9.30	901	Comparison of Meat Quality Traits of Muscovy Duck Reared Under Different
		Management Systems
		M.D. Umagiliya, I.P.A.U.N.K. Illippangama and D.D. Jayasena

11.00-11.15	386	The Role of Natural Iron Chelators Incorporated to the Diet on Control of the
		Dietary Iron Contribution on Iron Overload through In Vitro Analysis
		N. Liyanapathirana, K.K.D.S. Ranaweera and K.D.P.P. Gunathilake
11.15-11.30	1013	Effect of Hinembilla (Antidesma alexiteria) Extract on Oxidative Stability of
		Selected Edible Oils
		S.U.G. Nanayakkara, N.E. Wedamulla, W.A.J.P. Wijesinghe, R.A.M.A.T.
		Rajakaruna and H.J.K.S.S. Wijerama
11.30-11.45	823	Extending Shelf Life of Tomatoes Using Microbial Antagonists
		S. Thivijan and M.M.S.N. Premetilake
11.45-12.00	1035	Nutritional, Physicochemical and Sensory Properties of Embul Banana (Musa
		acuminata AAB) Snack Developed using Vacuum Dehydration
		M.H.T.K.Chandrasiri, D.N. Hettiarachchi, V.P. Ellepola and W.A.J.P.
		Wijesinghe
12.00-12.15	938	Development of a Functional Butter Incorporated with Red Onion (Allium cepa)
		or Garlic (Allium sativum) Powder
		<u>W.M.N.S. Wasala</u> and D.C. Mudannayake
12.15-12.30	1038	Development of Nelli (Phyllanthus emblica) Powder Incorporated Instant
		Rasam Mixture and Evaluation of Its Sensory, Physicochemical and Microbial
		Properties
		R.W.M.A.U.K.Warnakulasooriya, R.N.N.A.Wijewardana, W.A.J.P.Wijesinghe
		and G.E.D.A.M. Jayarathna

### **Poster Presentations**

Date: 07.02.2019 Venue: E1

Time	Paper ID	Abstract Title and Name of the Authors
1.30-2.30	21	Production and Shelf Life Evaluation of Nutritious Jam Using Underutilized
		Bael (Aegle marmelos L.) Fruit
		T. Mahendran and G.G.A. Shashikala
	54	Characterization of Flour from Sri Lankan Cassava (Manihot esculenta)
		Cultivars
		R.A.T. Nilusha, O.D.A.N. Perera, P.I.P. Perera and J.M.J.K. Jayasinghe

	59	Minimize the Postharvest Losses of Avocado (Persia americana) by
		Determining the Maturity Indices
		<u>M.J.F.Rishatha</u> and W.S.M. Senevirathne
	126	Preparation and Quality Evaluation of Soursop (Annona muricata L.) Jelly
		without Preservatives
		G.G.A. Shashikala and T. Mahendran
	205	Determination of Nitrate and Nitrite Concentrations in Commercially Available
		Sausage Products from Small-Scale Retailers in Kandy Area
		A.H.B.G. Rasangika, W.A.J.P. Wijesinghe and J.A.T.C. Ariyasena
	281	Characterization of Physical and Chemical Properties of Selected Vegetables
		Under Modified Storage Condition
		R.A.G.C.N.M. Nawarathna and C.P. Rupasinghe
2.30-3.30	306	Identification of Physiochemical Properties of Nas Naaran (Citrus madurensis)
		in Different Maturity Stages
		P.L.I. Jayarathna, M.P.G. Vanniarachchy and J.A.E.C. Jayawardena
	378	Comparison of ABTS, DPPH, and FRAP Assays for Estimating Antioxidant
		Potential of Selected Sri Lankan Traditional Sweetmeats
		M.K.S. Mihiranie, J.M.J.K. Jayasinghe, J.P.D. Wanasundara and C.V.L.
		Jayasinghe
	380	Flour Properties of Selected Traditional Yam Varieties and Development of
		Gluten Free Muffins from "Maha angili ala" (Dioscorea alata) Flour
		D.L.S. Kalhari, G.D.M. Gunasekara, I. Wijesekara and I. Wickramasinghe
	828	Evaluation of Nutritional, Physiochemical and Technological Properties of
		Flour Made from Canistel Fruit (Pouteria campechiana)
		L.K.T.S. Jayasekara and J.W.A. Sajiwanie
	838	Development of Food Colorant Using Hibiscus rosa-sinensis that can be used
		for Beverages
		D.G.P. Kawyangana, G.M.W.R. Bandara and A.H.G.S. Udari
	840	Evaluation of Physicochemical Properties, Proximate Composition and
		Antioxidant Activity of Selected Underutilized Fruit Species
		S.N. Galhenage, K.B. Wijesekara and W.A.J.P. Wijesinghe

4.10-5.10	850	Formulation of Orange-fleshed Sweet Potato (Ipomoea batatas) Puree
		Incorporated Ice Cream
		B.U. Ranatunga and J.W.A. Sajiwanie
	855	Consumer Awareness and Perception on Highly Processed Food Products
		Available in Sri Lanka
		H.A.S.U. Hettiarachchi, J.H.S. Madumali, R.M.S. Geethanjana and J.W.A.
		Sajiwanie
	881	Development of Roasted Sesame (Sesamum indicum) Incorporated Chicken
		Nugget
		N.M.S.R.C.B. Nawarathne, T.A.S.M. Senavirathna and D.D. Jayasena
	886	Effect of Marination with Fruit Juices and Vacuum Packaging on Quality
		Characteristics of Chicken Wings
		R.A. Rupasinghe, S.K.D. Wijesinghe, A.G.A.W. Alakolanga and D.D. Jayasena
	887	Development of Cost Effective Jerky from Spent Hen Meat and Maize (Zea
		mays) Flour
		<u>L.D.T.N. Gunawardana</u> , I.P.A.U.N.K. Illippangama and D.D. Jayasena
	889	Identification of Possible Microbial Contamination Points in Bolla Fish (Selar
		crumenophthalmus) During Storage and Transportation from Kudawella Fish
		Harbour to Badulla Fish Market
		R.M.M.P. Rathnayaka, E.K.G.P.U. Dharmarathna and E.D.N.S. Abeyrathne
5.10-6.10	898	Smart Food Safety Management Framework for Small Scale Restaurants
		H.A.D.C.L. Sandipani, E.K.G.P.U. Dharmarathna, S.T.C.I. Wimaladharma and
		E.D.N.S. Abeyrathne
	900	Identification of the Critical Control Points (CCPs) of a Commercially
		Established Pasteurized Milk Factory in Colombo
		H.D.P. Ransinghe, R. Joseph, E.K.G.P.U. Dharmarathna, M.K. Ranasinghe
		and E.D.N.S. Abeyrathne
	914	Effect of Selected Wood Smoke on Physicochemical and Sensory Qualities of
		Tilapia (Oreochromis niloticus)
		G.K.T.N. Lelwela, S.K.D. Wijesinghe, S.M.C. Himali and E.D.N.S. Abeyrathne

918	Evaluation of Antioxidative and Antimicrobial Activities of a Prawn Based
	Dipping Incorporated with Bioactive Fish Protein Hydrolysates from
	Pterygoplichthys pardalis
	T.K. Ediriweera, K.S.M. Dissanayake and E.D.N.S. Abeyrathne
919	Effect of Marinating Chicken Breast Meat with Coconut Vinegar on Lipid
	Oxidation During Storage
	M.A.L. Madhurangi, I.P.A.U.N.K. Illippangama and D.D. Jayasena
921	Development of a Ready to Eat Canned Fish Using Underutilized Fish with
	Different Filling Materials
	<u>D.W.N. Sathsarani</u> , K.E. Udayathilaka, T.N.B. Herath and E.D.N.S. Abeyrathne

Date: 08.02.2019 Venue: E1

Time	Paper ID	Abstract Title and Name of the Authors
8.30-9.30	928	Effect of Dryer Conditions on Quality of Cinnamon (Cinnamomum zeylanicum
		Blume) Quills Before Packaging
		M.G.D. Abeysinghe, A.A. Wijeweera, P.D.P.M. De Silva and A.G.A.W.
		Alakolanga
	939	Determine the Effect of Functional Properties on Chicken Patty Incorporated
		with Salt Extracted Bioactive Compounds from Pterygoplichthys pardalis
		(Scavenger Fish)
		K.S.M. Dissanayake, T.K. Ediriweera and E.D.N.S. Abeyrathne
	944	Effect of Different Coagulants and Fat Content on the Quality of Ricotta Cheese
		R.M.S.K. Rathnayake, S.M.A.B. Samarasinghe and D.C. Mudannayake
	952	Study of Accumulation of Polycyclic Aromatic Hydrocarbons (PAHs) in
		Smoked Fish (Thunnus albacares) Under Different Storage Conditions
		D.N.M. Uyangoda, S.S.K. Madage, M.M.N.P. Gunasekara, W.U.D. Medis,
		E.D.N.S. Abeyrathne and J.M.D.R. Jayawardana
	954	Variation of Mesophilic and Thermophilic Spore Counts in UHT Processing of
		Full Cream Milk
		A.W.D.T. Seneviratne, A. Weerakoon and D.C. Mudannayake
	955	Development of Fish Balls Using Catla Fish (Catla catla): Exploration the
		Potential of Better Utilization of Freshwater Food Fish in Sri Lanka

		<u>D.L. Leshika</u> , A.M.G.A. D. Athawuda, A.P. Abeygunawardana, G.G.N.
		Thushari and S.C. Jayamanne
9.30-10.30	956	Development of a Coconut Milk Beverage Incorporated with Cinnamon and
		Ginger
		G.L.P. Sarathchandra, A.D. Wijenayake, N.E. Wedamulla and W.A.J.P.
		Wijesinghe
	968	Determination of Total Polyphenol Content of Ceylon Green Tea
		H.K.D. Sewwandika, M.A.N. Jayathilake and A.G.A.W. Alakolanga
	969	Analysis of Chemical Properties and α-Amylase Inhibition of Selected
		Medicinal Plants for the Development of Herbal Tea
		<u>J.F. Usna</u> and A.G.A.W. Alakolanga
	980	Effectiveness of Trisodium Phosphate, Lactic Acid and Acetic Acid on
		Microbial Count of Chicken Cold Cuts (Chicken Salami and Chicken Roll)
		W.T.W. Sajeewani, A.A.G. Chathurangi and D.D. Jayasena
	988	Effect of Microbiological and Chemical Factors on Flavour of Spray Dried Full
		Cream Milk Powder
		A.R.S. Bandara, M.K. Ranasinghe and D.C. Mudannayake
	996	Developing a Computer Software for Blending Black Tea
		C.C. Basnayake, G.A.A.R. Perera and E.M.U.W.J.B. Ekanayake
11.00-12.00	998	Development of Coconut (Cocos nucifera) Water Jelly
		N.G.N.A. Namalgamuwa, A.D. Wijenayake, W.A.J.P. Wijesinghe and N.E.
		Wedamulla
	1017	Identification of Solid Losing Points and Quantification of Total Solid Loss in
		Coconut Milk Powder Production
		R.A.N.R. Ranawaka, K.J. Gamage, G.A.A.R. Perera, P.W. Jeewanthi and M.D.
		Madugalle
	1028	Development of Savory Nutrient Bar
		P.J.J. Senevirathna, S.M.A.C.U. Senarathne, P.W. Jeewanthi and W.A.J.P.
		Wijesinghe

104	10	The Role of Food Quality and Safety Certificates of Biscuits on Purchasing
		Behavior of Consumers in Colombo District
		H.D.R. Sameera, R.U. Dissanayaka, K.P.M. Kahandage, A.M.C. Amarakoon
		and W.A.J.P. Wijesinghe
104.	15	Quality Improvement of Coconut Butter Spread
		<u>U.S.S. Marasinghe</u> , W.M.K. Lakdusinghe, T.T.D. Dharmarathne and W.A.J. P.
		Wijesinghe
105	52	Factors Affecting on the Continuous Improvement of ISO 22000:2005 Food
		Safety Management System; Case Study of a Cinnamon Processing Plant
		K.P.P.G. Pathirana, K.A.N.P. Kanugala, K.P.M. Kahandage and W.A.J.P.
		Wijesinghe

### Genetics and Biotechnology

### **Oral Presentations**

Date: 08.02.2019 Venue: A2

		V 011401 112
Time	Paper ID	Abstract Title and Name of the Authors
8.30-8.45	32	Heterosis Among Pole Bean Genotypes for Yield and Yield Associated Traits
		R.M.N. Dissanayake, W.M.W.S. Marapana, H.G.B. Darshana, O.W.S.H.
		Ariyathilaka and T.M.V.J. Kumarasingha
8.45-9.00	958	Screening of Rice Breeding Lines for Resistance to Brown Plant Hopper
		(Nilaparvata lugens)
		W.A.D. Sarasi, H.N.S. Fernando, L.M.H.R. Alwis and A.N.R. Weerawansha
9.00-9.15	1051	Screening of Arachis hypogaea L. (Groundnut) Breeding Lines for Seed Size
		and Short Duration under Rain Fed Conditions
		P. Kodithuwakku, D.G.C. Jeewani, L.M.H.R. Alwis, and H.M.S.K. Herath
9.15-9.30	1065	Screening of Bean (Phaseolus vulgaris L.) Breeding Lines against Fusarium
		Wilt Caused by Fusarium oxysporum f. sp. Phaseoli
		A.A.F. Inshirah, K.P. Somachandra, E.A.E.S.S. Jayasekara, L.M.H.R. Alwis,
		and P.D.P.M.D. Silva
12.00-12.15	757	In-vitro Study on Geosmin and 2-Methylisoborneol Producing Four Species of
		Native Cyanobacteria
		S.S. Ganegoda, W.M.A. Wijesekara, S.D.M. Chinthaka, D.D.C. Wanniarachchi
		and P.M. Manage
12.15-12.30	240	Detection of Endosperm Specific Gene Expression in Ferritin Rich Transgenic
		Rice Seeds
		W.N.T. Fonseka and W.W.P. Rodrigo
12.30-12.45	98	Rapid Protocol for Isolation of PCR-Amplifiable DNA from Plants Containing
		High Level of Polysaccharides and Polyphenols
		P. D. D. M. Panapitiya and N. Welikala
12.45-01.00	1011	Optimization of PCR Protocols for Amplification of ITS1, ITS2, rbcL and matK
		Genomic Regions of Alpinia galanga and Related Species
		H.M.A.M. Herath, L.M.H.R. Alwis and G.N. Ranasinghe

01.00-01.15	288	Foliar Pathogenic <i>Colletotrichum</i> Species Associated with Cultivated Rubber Trees in Sri Lanka <u>I.H.M.I.S. Herath</u> , D.S. Manamgoda and D. Udayanga
01.15-01.30	1012	Investigating the Presence of <i>Candidatus</i> Liberibacter asiaticus in <i>Murraya koenigii</i> and <i>Citrus spp.</i> from Selected Areas in Sri Lanka <u>G.A. Wickramasinghe</u> , M.H.A.D. Subhashini and L.M.H.R. Alwis
01.30-01.45	959	Study the Mitochondrial COI Gene Sequence Variation of Two Isolated Populations of <i>Cephalopholis sonnerati</i> (Valenciennes, 1828) in East and West Coasts of Sri Lanka <u>I.D.S.S. Jayawardane</u> , Y.C. Aluwihare, K.R. Dalpathadu, H.S.S.K. Haputhantri and J.A. Athula
01.45-02.00	1034	Effect of Sargassum wightii (Seaweed) Extract on In-vitro Sub-Culture Medium of Dendrobium Orchid  R.M.B. Madubhashi, H.M.I. Herath, P.E. Kaliyadasa and G.Y.A.D.D. Perera

#### **Poster Presentations**

Date: 08.02.2019 Venue: E1

Time	Paper ID	Abstract Title and Name of the Authors
11.00-12.00	203	Identification of Vectors for In-vivo Protein Overexpression in Introducing
		Drought Resistance: A Review
		R. Cooray, Y. Dissanayake, L. Warnakula and N.S. Hapuarachchi
	534	Importance of Genetic Diversity and Phytochemical Assessment of Madhuca
		spp. in Sri Lanka.: A Review
		W.V.E. Withana, N.S. Hapuarachchi, R. Cooray, Y. Dissanayake, and L.
		Warnakula
	738	Screening and Quantification of Tetracycline and Sulfonamide Resistance
		Genes in Natural Environmental Samples
		G.Y. Liyanage and P.M. Manage
	925	Development of Explant Sterilization Protocol for In-vitro Propagation of
		Hydrocera triflora (Marsh Henna)
		N.G.D.S. Nuwarage, M.M.D.J. Senarathne, A.C.W.W.M.C.L.K. Coswatte and
		S.C. Jayamanne

963	Formulation of Specific Culture Media for <i>In-vitro</i> Cultivation of <i>Exobasidium</i> vexans Massee  R.A.D.W. Dhananji, P.E. Kliyadasa and P.D.P.M.D. Silva
1016	Optimization of PCR Protocols for SSR Markers Based Molecular Characterization of Camellia sinensis (Tea) <u>E.M.A.P. Nabadawewa</u> , and L.M.H.R. Alwis
1018	Effect of Growth Regulators on <i>In-vitro</i> Shooting of <i>Calathea ornata</i> for Commercial Cultivation  G.H.N. Maheepala, D. de Silva, P.E. Kaliyadasa and G.Y.A.D.D. Perera

### Hospitality & Events Management

### **Oral Presentations**

Date: 07.02.2019 Venue: C2

Time (p.m.)	Paper ID	Abstract Title and Name of the Authors
1.30-1.45	110	Impact of Tourism Education on the Job Performance of Tourism Graduates
		from State Universities in Sri Lanka
		W.D.L Prasangika, J.P.R.C Ranasinghe and W.G.S.R Wijesundara
1.45-2.00	162	Investigating Intercultural Workplace Relationships: Hotel Industry
		Employees' Perspective in Sri Lanka
		R.P.S.Lahiru, J.P.R.C.Ranasinghe and W.G.S.R.Wijesundara
2.00-2.15	519	The Negative Effect of Perceived HRM Practices on Work Family Balance of
		Female Employees' (With Special Reference to Five Star Hotels in Colombo
		District)
		<u>D.M.C.D. Dissanayaka</u> , J.Sutha and A.K.A.Damunupola
2.15-2.30	525	Event Managers' Perception on Event Risk Management
		P.D.V. Thejani, J.P.R.C. Ranasinghe and A.M.D.B. Nawarathna
2.30-2.45	660	An Empirical Overview of Contemporary Revenue Management Practices in
		Hotel Industry; Evidence from Star Graded Hotels in Colombo District
		A.C.I.D. Karunarathne and D.A.C.S. Silva
2.45-3.00	851	The Study on Impact of Negative Online Reviews on Hotel Image in All
		Inclusive Hotels with Special Reference to Riu Hotel Ahungalla.
		M.M.G.K. Marasinghe and V.S Liyanage
3.00-3.15	673	The Impact of Gamification Techniques on Employee Productivity in
		Hospitality Industry: Special Reference to Four and Five Star Hotels in
		Colombo District
		R.M.P.D.K. Rajapaksha, W.M.S.D. Jayathilaka and C.P.Danthanarayana

Date: 08.02.2019 Venue: C2

Time	Paper ID	Abstract Title and Name of the Authors
8.30-8.45	707	Study on Challenges and Success Factors of Independent Restaurants
		(With Special Reference to Colombo District)
		M.N. Madhumali, A.C.I.D Karunarathne and J.P.R.C Ranasinghe
8.45-9.00	709	Effect of Customer Relationship Marketing Practices on Customer Loyalty (with
		Special Reference to Five Star Hotels in Colombo District)
		B.A.P Oshadha, C.J.P Kulathilaka and A.K.A Damunupola
9.00-9.15	ML/HE/01	The Effect of Stress on Job Performance of Frontline Employees of Hotels:
		Reference to Star Class Hotels in North Central Province, Sri Lanka.
		W.M.M. Weerasooriya and K.T.N.P Abeywickrama
9.15-9.30	797	Wow Feeling Effect on Repeat Visit Intention: Study on the Heritance Hotel,
		Ahungalla
		<u>U.G.O.Sammani</u>
11.00-	766	The Impact of Physical Environmental Attributes of an Eco-Hotel on Guest
11.15		Loyalty with Special Reference to Eco Lodges in Dambulla.
		<u>G.D.M.Sewwandi</u> and P.I.N.Fernando

#### **Poster Presentations**

Date: 07.02.2019 Venue: E1

Time (p.m.)	Paper ID	Abstract Title and Name of the Authors
04.00-05.00	220	Innovative Technological Amenities in Hotel Industry and its' Impact on Hotel
		Operational Performance
		D. M. P. Madhushani, S. F. Fazana and C. P. Danthanarayana
	539	The Study on Green Event Management Practices to Initiate Sustainable
		Business Growth in Sri Lanka; Event Managers' Perception
		M.G.N. Dilhani, A.M.D.B. Nawarathne and P.H.T. Kumara
	567	Impacts of Service Quality Dimensions on Home Stay Tourists' Satisfaction:
		Empirical Evidence from Kandy Area
		J.A.D.S. Jayakody and J.P.R.C. Ranasinghe

	572	Impact of Guests' Attitude on Green Practices on Boutique Hotel Selection with
		Special Reference to Galle District
		<u>H.M.R.M. Herath</u> , P.I.N. Fernando and A.C.I.D. Karunarathne
	671	An Analysis of the Push and Pull Motives for Choosing Sri Lanka as the
		Wedding Tourism Destination: With Special Reference to Southern Province
		A.M.D.B. Nawarathna and <u>A.A. Idroos</u>
	858	Identify Guest's Satisfaction on Services Provided by Different Hospitality
		Establishments-Special Reference to City Hotels and Resorts in Western
		Province, Sri Lanka
		W.A.I. Madhusankha, B.A.P. Oshadha and R.A.A.K. Ranaweera
05.00-06.00	612	The Impact of Employee Transformative Learning on Their Future Retention
		"Role of Career Satisfaction"
		(With special reference to hotel industry in Galle district of Sri Lanka)
		N.H.K.S Isurika, J.Sutha and A.K.A. Damunupola
	615	A Study on Purchasing Behaviour of International Tourists on Sri Lankan Foods
		- with Special Reference on European Tourists to Cultural Triangle
		W.A.I. Madhusankha, P.I.N. Fernando and A.C.I.D. Karunarathne
	574	Impact of Hotel Attributes on Hotel Selection of Millennial Tourists with Special
		Reference to Supplementary Lodging Establishments in Dambulla
		R.G.S.V. Randeniya, J.P.R.C. Ranasinghe and A.C.I.D. Karunarathne
	683	The Factors Affecting Customer Loyalty on Ethnic Restaurants in Sri Lanka;
		with Special Reference to Colombo District
		K. Wickramasurendra, A.C.I.D. Karunarathne and T.M.P.S.I. Tennakoon
	699	A Study on Migration Intention of Operational Level Millennial Employees in
		Hotel Industry; Evidence from Kitchen Department in Three to Five Star Hotels
		in South Coast
		V.G.J. Chamaree, A.C.I.D. Karunarathne and P.H.T. Kumara
	764	Attitude Assessment of Tea Tourist and the Service Providers to Promote Tea
		Tourism
		(Special Reference to Tea Tourism Establishments in Nuwara-Eliya District)
		R. Suhindan, P.I.N. Fernando and N.W.T. Dilshan

### Humanities & Social Sciences

#### **Oral Presentations**

Date: 07.02.2019 - Session One Venue: Language Laboratory

Time (p.m.)	Paper ID	Abstract Title and Name of the Authors
1.30-1.45	39	Human Rights Perspective and a Special Deliberation for Differently - abled
		Persons
		B.H.K.P. Naik
1.45-2.00	161	Impact of Mentoring on Employee Extrinsic and Intrinsic Career Success; The
		Role of Career Motivation Climate (With Special Reference to Leading Finance
		Institutions, Sri Lanka)
		Y.M.R.S. Gopallwa, J.Sutha and P.Wachissara
2.00-2.15	210	Gender Influence on Students' Achievement in Mathematics: A Case Study of
		Undergraduate Students in Uva Wellassa University of Sri Lanka
		A.M.P. Chandrasiri
2.15-2.30	238	The Female Athlete Engaged in "Masculine Sports"; A Study of the Depiction
		of Female Athleticism in Post-Title Ix Western Sports Films.
		<u>U.B.A.H.N. Perera</u>
2.30-2.45	280	Drought, Migration Patterns and Poverty in Dry Zone of Sri Lanka
		W.A.K. Ishara
2.45-3.00	302	Female Related Substance Abuse Treatment and Recovery Services in Sri
		Lanka; Case Study on Drug Addicted Female Services Users in Recovery;
		Colombo District
		V.K. Wickramasinghe
3.00-3.15	365	Ways of Overcoming Gender Stereotype Barriers in the Automobile Sector in
		Sri Lanka (With Special Reference to the Vehicle Services Sector of Diesel and
		Motor Engineering PLC)
		M.D.R. Sachintha and S. Handaragama
3.15-3.30	387	Can Kadawatha be Considered as An Urban Area in Sri Lanka? (A Comparative
		Study of Kadawatha Township and Kaduwela Municipal Council Area)
		G. V. N. T. M Silva

3.30-3.45	415	Impact of the Counselling on Employee Retention at Exit Interviews (With
		Special Reference to the Apparel Industry in Sri Lanka)
		G.G. Rashmika, J. Sutha and P. Wachissara

Date: 07.02.2019 - Session Two Venue: TV Room (Language Laboratory)

Time (p.m.)	Paper ID	Abstract Title and Name of the Authors
1.30-1.45	86	Learning English as a Second Language in a Digital Environment: A Study of
		the Effectiveness of Blended Learning
		R.P. Dharmawardene
1.45-2.00	117	An Appraisal of Perception and Preparedness of Higher Education Teachers
		towards E-Learning Resources and Methodologies
		R.S. Bharathy and K. Raja
2.00-2.15	187	Impact of Work Place Social Support on Managerial Employees' Work Family
		Conflict in Large Scale Apparel Companies in Sri Lanka
		C.B.M.Y.S. Weerasekara and K.A.C Chandrika
2.15-2.30	198	Integrating Literature into Medical Education
		P.A.S.A. Ariyarathna and D.A.G. Ariyasinghe
2.30-2.45	211	The Literary-ideological Impact of a Translated Text on a Target Community:
		Revisiting Pitastharaya (The Outsider) in the Cultural Make-Shift Process in Sri
		Lanka
		M. Ariyarathne and <u>M. Hapugoda</u>
2.45-3.00	266	A Diachronic Study on the Expansion of the English Lexicon
		<u>H.M.T.M.H. Molagoda</u>
3.00-3.15	312	Impact of Folk Culture on the Establishment of Collective Consciousness in Sri
		Lankan Rural Community (With Special Reference to God Dedimunda)
		<u>Nayana Suraweera</u>
3.15-3.30	347	Health Care Seeking Behaviour of Elders in Sri Lanka; With Special Reference
		to Vavuniya District
		L. Kunaratnam

3.30-3.45	424	The Factors Affecting to Parents' Leadership Involvement towards Children'
		Sports Participation
		D.T.C. Amaradasa, <u>A.R.N.D. Ramanayaka</u> and D. <u>S.R.E.S. Gunawardhana</u>

Date: 08.02.2019 - Session One Venue: Language Laboratory

Time (a.m.)	Paper ID	Abstract Title and Name of the Authors
8.30-8.45	443	Challenges and Issues of Women with Disabilities through Mass Media
		Education
		N. Johnson
8.45-9.00	445	Family Responsibilities and Career Progression of Women in Private Business
		Organizations in Sri Lanka
		K.K.U.H Dharmawansha and J.Sutha
9.00-9.15	538	Impact of Visual-Spatial Skills for Long Term Memory in Secondary School
		Students
		R.U.M. Babu and G.Kalaiyarasan
9.15-9.30	619	War Related Sinhala Cinema and Its Undercurrent Socio Political Implications
		of Language Contact
		<u>J. Ekanayake</u>
11.00-11.15	461	Effectiveness of Creative Thinking among Prospective Teachers in Educational
		Practices
		S.S. Sudharshini, N. Annalskhmi and A.C. Jayanthy

Date: 08.02.2019 - Session Two Venue: TV Room (Language Laboratory)

Time	Paper ID	Abstract Title and Name of the Authors
8.30-8.45	868	Tax Composition and Tax Compliance: Sri Lankan Experience
		<u>H.R.A.C. Thilanka</u> and J.G.Sri Ranjith
8.45-9.00	439	Effectiveness of School Based Management in Empowering the Leadership of
		Schools
		V. Vijayabaskar and <u>R.Sharveswara</u>

Women Employees; with Special Reference to Banking Sector	
	in Eastern
Province	
D.M.A.M. Dassanayake and S.F.Fasana	
9.15-9.30 636 Influence of Language on National Reconciliation in Sri Lanka	
R.W.B.M.D. Madusanka and W.M.G.N. Panampitiya	
11.00-11.15 737 Job Stressors and Stress Coping Strategies of Teachers of Secondary	Classes
<u>R. Portia</u>	
11.15-11.30 751 The Role of Workplace Counselling in Sri Lanka with Reference to 0	Operational
Level Employees in Garment Sector	
A.V.M.A. Goonawardana, J. Sutha and S.F.Fasana	
11.30-11.45 763 Lost in Translation: Thinking in First Language and Writing in Targe	t Language
<u>M .N.M. Wickramasekera</u>	
11.45-12.00 748 The Influence of Personality Traits in Acquiring Proficiency in E	nglish as a
Second Language; A study on Management Undergraduates of the Uv	a Wellassa
University.	
<u>D.M.R.S. Dissanayake</u> and W.A.D.S.K. Wijesinghe	
<b>12.00-12.15</b> 981 Determination of Influential Factors to Predict Household Income as	nd Feasible
Loan Amount in Badulla District, Sri Lanka	
<u>H.L.D.K. Jayarathna</u> and K.W.S.N. Kumari	
12.15-12.30 839 Comparative Study of Modern Scientific and Ayurvedic Approach of	n Food.
<u>H.R.N. Peiris</u>	
12.30-12.45 719 Exploring Self-Efficacy of Undergraduates on Pursuing English as	s a Second
Language	
<u>J.M.P.V.K. Jayasundara</u>	
<b>12.45-01.00</b> 1000 A Case Study of the Critical Thinking Skills Among the University	Students in
Sri Lanka	
<u>H.M.W.M. Herath</u>	
<b>01.00-01.15</b> 1031 The Use of Words in the Form of Nonsensical Style Camouflaging I	Personation
in Pseudonymous Writing	
<u>G.H. Abeyweera</u>	

### **Poster Presentations**

Date: 07.02.2019 Venue: E1

Time (p.m.)	Paper ID	Abstract Title and Name of the Authors
04.00-05.00	188	Investigation of the Marketing Structure of the Flower Market: Case Study of
		the Flower Based Market Under Religious Purpose in the Sacred City of
		Anuradhapura, Sri Lanka
		G.S.P. Gunarathne
	194	The Nexus between Tourist Receipts, Tourist Arrivals & Economic Growth of
		Sri Lanka
		G.S.P. Gunarathne
	222	A Study of Factors Affecting for Self-Directed Learning of Management
		Undergraduates in Sri Lanka
		<u>D. S Munasinghe</u> , J.Sutha and K.J.T. Perera
	311	The Impact of Citizen Journalism Activity towards the Disaster Situation in Sri
		lanka. (Especially Regarding Natural Disaster- Floods & Manmade Disasters –
		Aluthgama & Digana Incidents)
		K.I. Dharmasiri
	558	Gendered Use of SMS
		<u>H.A.E. Harischandra</u>
	745	A Qualitative Analysis On Distance Education Around Tea Estates In Sri Lanka
		(Special Reference to Uva Province)
		<u>H.M.I.U. Herath,</u> D.A.I. Vinoma and D.A.O. Niroma
05.00-05.20	770	A Sociological Analysis on Effects of Social Institutions towards the Education
		of Children with Disabilities in SriLankan Education System
		P.K.G.I.L. Ranasinghe
	863	Policy Support for Teacher Identity in Sri Lanka
		S.Y. Dias

### Library Science & Information Management

### **Oral Presentations**

**Date: 07.02.2019 Venue: SDC** 

Time (p.m.)	Paper ID	Abstract Title and Name of the Authors
01.30-01.45	877	Assessment of the Use of Bibliographic Data & Library Management
		Software Koha in Academic Libraries of South India – A Study
		D. P. Tripathi, K. Shivarama Rao. and P. Senthilkumaran
01.45-02.00	121	Practical Challenges on Implementation of RFID Technology at Academic
		Library
		<u>L.Radha</u>
02.00-02.15	253	Scientometric Analysis of Materials Science Research
		G. Hadagali, R. Hiremath , G.Gourikeremath and S. Bulla
02.15-02.30	MLIS-001	Impact of Social Media Tools in Promoting Library Services in Engineering
		Colleges in Tamilnadu
		<u>J Arumugam</u> , R Balasubramani and N.O.Natarajan
02.30-02.45	83	Utilization of E-Resources and Services in the Medical Library of All India
		Institute of Medical Sciences, Delhi
		<u>S. Sharma</u>
02.45-03.00	MLIS-006	Digital Literacy among Rural Women: A Study in Selected Districts of India
		<u>S.Thanuskodi</u>
03.00-03.15	447	Big Data: A Scientometric Analysis Based on Indian Publications
		A. Alagu, S. Thanuskodi and P. Dhanya
03.15-03.30	449	Usage of Social Networking Sites among Polytechnic College Students in
		India: A Study
		S. Muthuvennila and S. Thanuskodi
03.30-03.45	530	Job satisfaction among Public Library Staff in Trincomalee District
		<u>Vijayaluxmy Suthakaran</u>
04.00-04.15	597	Marketing Applications in Kelaniya University Main Library
		B.A.N.D. Dharmarathne

**04.15-04.30** MLIS-015 Impact of E-Resources and Information Seeking Behaviour

		among Military Students of General Sir John Kotelawala Defence University
		V. Alagaratnam, P. Ranaweera and T.Pratheepan,
04.30-04.45	115	An Implementable Architecture of E-Library Using Cloud Storage System
		K. Raja, S.Srinivasan, R.Subramaniya, Bharathy, K.Kannan and P.
		Ponnusamy
04.45-05.00	153	Analysing the Purpose of Using Social Networking Sites by the Post
		Grauduate Students and Research Scholars of Alagappa University: A Case
		Study
		A. Lavanya, M. Murugan and M.Nanthakumar
05.00-05.15	MLIS-002	Publication Productivity of Child Labour in Indian Perspective: A
		Scientometric Analysis
		V.T Jeeja ,P. Ravichandran, C. Muthurasu and S. Raja
05.15-05.30	MLIS-003	Output of Marine Biology Research Publication on Science Citation Index
		Database from 1999-2017- A Scientometric Analysis
		S.K. Kumar and P. Alex,
05.30-05.45	MLIS-009	Integrated Library Management System (ILMS) Using KOHA Open Source
		Software in India
		<u>S. Sundareswari</u>

Date: 08.02.2019 Venue: SDC

Time	Paper ID	Abstract Title and Name of the Authors
08.30-08.45	MLIS-012	Scientometrics Analysis on Elephants
		S. Srinivasaragavan, N.P. Kumara and M.D. Murugan
08.45-09.00	MLIS-013	Resource Development of University Libraries in Tamilnadu: An Analytical
		Study
		P. Jayanthi, Yacob Johnson, K.V. Govinda Reddy and H.M. Shashikala
09.00-09.15	113	The Effects of Perceived Ease of Use and Perceived Usefulness on the
		Adoption of Social Networks by Library Professionals in Sri Lanka
		S. Weerasinghe and B.M.M.C.B. Hindagolla
09.15-09.30	27	An Investigative Study on The Challenges Faced by University Libraries to
		Establish the Green Library Concept: with Special Reference to The Library
		of University of Kelaniya

		W.W.S.T. Warnasooriya
11.00-11.15	267	Scientometric Analysis of Global Pharmacy and Pharmacology Research
		<u>Iranna Shettar</u> , Renuka Mulimani, Mrutyunjay Kadakol , Gururaj Hadagali
11.15-11.30	127	Publication Growth of Junglefowl in the Scopus Database: A Global
		Perspective
		Jisha Antony, S. Raja and U. Pramanathan
11.30-11.45	133	R-Statistics Using Reproductive Biology: A Scientometric Approach
		S. Raja and R. Balasubramani
11.45-12.00	277	The Contribution of Public Libraries to Fulfil Information Needs of Rural
		People (Balangoda Area)
		<u>U.W.R.K.H.Senevirathne</u> , A.G.R.P.Kumara and B.G.Rangani
12.00-12.15	420	Provision of Current Awareness Services by Special Libraries: a Study based
		on Colombo District
		P.A.I. Peiris and S.A.G. Lakmali
12.15-12.30	867	A Study on User Attitude towards E-Resources offered by the Vavuniya
		Campus Library
		S. Shanmugathasan
12.30-12.45	MLIS-007	Open Archives Initiative Protocol for Metadata Harvesting (OAI-PMH): A
		Strategy for Sharing Metadata
		<u>J. Mariyapillai</u> and R. Gamage
12.45-01.00	MLIS-008	Scientometric Analysis of Electronic-Waste Management Research Output
		<u>U. Pramanathan</u> and C. Muthurasu,
01.00-01.15	MLIS-010	The Influence of Data Mining Techniques in Library and Information Science
		K. Ayyanar, M.A. Kumar and I.L. Aroquiara
01.15-01.30	MLIS-014	Survey on Availability and Usage of School Libraries in Jaffna: Special Focus
		to Junior Secondary Students of Valigamam Zone
		R. Kupesan and S. Navaneethakrishnan
01.30-01.45	MLIS-011	A Study on Information Seeking Behaviour of Public Library Users in Salem
		District
		P.Jegan and <u>M.Jayaprakash</u>

### Marketing, Accounting & Finance

### **Oral Presentations**

Date: 07.02.2019 Venue: F2

Time (p.m.)	Paper ID	Abstract Title and Name of the Authors
1.30-1.45	25	The Mediating Role of Brand Love in the Relationship between Brand
		Experiences and Brand Loyalty (Special Reference to FMCG Sector in Sri
		Lanka)
		W.M.S.P. Wijekoon and P.I.N. Fernando
1.45-2.00	123	Impact of Microfinance Services on Growth of Micro Small and Medium Scale
		Enterprises (With Special Reference to Micro Small Medium Scale Enterprises
		in Kalutara District)
		K.M.N.D. Rathnayake, P. I. N. Fernando and A.G.N.K. Fernando
2.00-2.15	505	Impact of Social Media Marketing Activities on Consumer Buying Behavior
		for Casual Dining Restaurants in Sri Lanka
		R.D. Fernando and P.I.N. Fernando
2.15-2.30	506	Assessing the Impact of Private Label Characteristics to the Brand Loyalty of
		Private Label Brands
		P.K. Hettiarachchi and P.I.N. Fernando
2.30-2.45	546	The Impact of Brand Exposure through Brand Ambassador on Consumer
		Purchasing Intention in Sri Lanka (With Special Reference to Millennial
		Audience)
		O.S. Withanage, P. I. N. Fernando and A.G.N.K. Fernando
2.45-3.00	552	A Qualitative approach to Explore the Promotional Behavior of an
		Entrepreneur: With Special Reference to Tourism Sector
		M.G.G.M. Godage and P.I.N.Fernando
3.00-3.15	665	Does the Loyalty Cards Impact on Consumer Buying Behaviour? Study Based
		on Retail Clothing and Fashion Stores in Sri Lanka
		<u>V.P.R. Perera</u> , P.I.N. Fernando and K.J.T. Perera
3.15-3.30	687	Do Self-Congruity Impact on Consumer Buying Behavior? Study Based on
		Condominium Market in Sri Lanka
		K.A.S.R. Costa, P.I.N. Fernando and K.J.T. Perera

3.30-3.45	411	The Study on the Relationship between Dividend Payout and Firm
		Performance: With Special Reference to Listed Manufacturing Firms in Sri
		Lanka
		H.M.H.M. Jayathialaka, Y.M.C. Gunaratne and , N.P.R. Deyshappriya

Date: 08.02.2019 Venue: F2

Time (a.m.)	Paper ID	Abstract Title and Name of the Authors
8.30-8.45	88	Cost and Benefits Analysis for the Expansion of Water Supply Scheme in
		Bibile
		I.L.M. Sabri
8.45-9.00	409	Impact of Corporate Social Responsibility Disclosures on Institutional
		Ownership of the Highest Turnover Non-Financial Companies in Sri Lanka.
		H.N Koswaththa, Y.M.C.Gunaratne and N.P.R. Deyshappriya
9.00-9.15	111	Impact of Loan Portfolio Diversification on Performance of Commercial
		Banks in Sri Lanka
		M.S. Kumanayake, Y.M.C. Gunaratne and N.P.R. Deyshappriya
9.15-9.30	563	The Impact of Corporate Social Responsibility on Competitiveness of SMEs
		in Sri Lanka: Special Reference to Gampaha District
		A.G.C. Abeygunawardhana, J.P.R.C. Ranasinghe and A.G.N.K Fernando
11.00-11.15	138	Impact of Cash Conversion Cycle on Firms' Profitability
		(Special Reference to Listed Beverage Food and Tobacco Companies in
		Colombo Stock Exchange)
		K.G.C.B.P. Keerthiratne, Y.M.C. Gunaratne, N.P.R. Deyshappriya and U.A.S.
		Yapa
11.15-11.30	601	Cashless Economy in Tamil Nadu: Problems and Prospects
		B. Menaka and <u>K. Seethal</u>
11.30-11.45	410	Integrated Reporting Disclosures: An Empirical Analysis
		P.M.D.S. Pathiraja and W.A.N. Priyadarshanie
11.45-12.00	492	Empirical Study on Determinants of Capital structure: Panel Data Analysis for
		Listed Manufacturing Companies in Sri Lanka
		K. Charith

12.00-12.15	717	Trade-off Between Working Capital Management and Firms Profitability:
		Panel Data Analysis Based on Listed Manufacturing Companies in Sri Lanka
		K. Charith
12.15-12.30	455	Relationship Between Earnings Per Share and Share Price: Evidence from
		Listed Beverage Food and Tobacco Companies in Colombo Stock Exchange
		<u>K. Lingesiya</u>

### **Poster Presentations**

Date: 07.02.2019 Venue: E1

Time (p.m.)	Paper ID	Abstract Title and Name of the Authors
05.00-06.00	109	Impact of Credit Risk Management on Financial Performance of Licensed
		Commercial Banks and Licensed Specialized Banks in Sri Lanka
		H.L. Gamage, Y.M.C. Gunaratne, J.M.P.V.K. Jayasundara and N.P.R.
		Deyshapriya
	125	A Study to Assess Impact of Attitude On e-shopping Behavior of Consumer's
		Household Electronic Items Mediated by Purchasing Intention
		U.N. De Silva, P.I.N. Fernando and A.G.N.K. Fernando
	144	A Study on SME's Adoption of Internet Banking in Sri Lanka
		W.M.M.G.N.U. Weerakkody, C.J.P. Kulathilake and A.G.N.K. Fernando
	241	Mapping of the Maize Value Chain and Assessment of the Relationship
		Between the Buying Price and Farmer Loyalty towards the Buyer: A Study in
		Anuradhapura and Monaragala Districts
		K.K.A. Kiriveldeniya and H.S.R. Rosairo
	535	Impact of Brand Personality on Word of Mouth Communication (Empirical
		Evidence from Sri Lankan Beer Industry)
		K.R. Geekiyange, C.J.P. Kulathilake and U.A.S. Yapa
	655	Impact of Brand Personality and Brand Engagement on Purchasing Behaviour
		of Cosmetics Products: Is There Any Mediating Effect of Brand Trust?
		T.D. Hewa Pathage, P.I.N. Fernando and A.G.N.K. Fernando

Date: 08.02.2019 Venue: E1

Time	Paper ID	Abstract Title and Name of the Authors
08.30-09.30	662	Impact of Individual Perception on Online Purchasing Intention
		(With Special Reference to Executive Level Employees in Badulla District)
		K.M.S.R. Karunanayake, C.J.P. Kulathilake and U.A.S. Yapa
	679	Relationship between Macro Economic Variables and Share Prices (A Study
		on Colombo Stock Exchange)
		J.S.D.M. L.Dilhani, Y.M.C.Gunaratne and N.P.R.Deyshapriya
	767	Impact of Cash Conversion Cycle on Firm's Profitability: With Special
		Reference to Beverage Food and Tobacco Sector
		A.M.C. Hashini
	885	The Impact of Ethical Fashion on Consumer Purchase Behavior: A Case Study
		of Youth in Kandy Urban Area.
		S.D.S. Abeysiriwardhana, J.P.C. Jayarangana, H.M.D.C. Rathnayaka and
		M.D.P. Kumara
	243	The Effect of Store Image, Brand Name and Price Discounts on Purchase
		Intention of Consumers in Sri Lanka (Case Study of Damro Company in Sri
		Lanka)
		D.N. Jayarathne

### Material & Mineral Sciences

#### **Oral Presentations**

Date: 07.02.2019 Venue: A1

Time (p.m.)	Paper ID	Abstract Title and Name of the Authors
1.30-1.45	53	Extraction of Lactic Acid from Corn Kernels using Streptococcus Thermophilus
		and Method Optimization
		A.P.S.M. Amaraweera, M.A.S.R. Senevirathna and I.D. Singhalage
1.45-2.00	143	The Incorporation of Layered Type Clay in Graphite-Clay Based Electrodes as
		a Property Enhancement for High-Temperature Applications
		L.W.N. Tharangani, D.T. Rathnayake, K.S.P. Karunadasa and C.H. Manoratne
2.00-2.15	269	Development of Polylactic Acid Incorporated Hydroxyapatite Composite for
		Bio-Medical Applications
		E.M.D.K. Ekanayake, H.M.J.C. Pitawala and K.B. Wijesekara
2.15-2.30	287	Application of Carbon Nanotube Reinforced Concrete Admixtures as a
		Futuristic Construction Material: A Review
		Y.A.S.U. Chiranjaya
2.30-2.45	293	Synthesis of Calcium Carbonate Nano Particles using Citrate Method to Remove
		Dyes from Textile Waste Water
		B.D.A.S. Fernando, C.A. Gunathilake and D.G.G.P. Karunaratne
2.45-3.00	329	Development of ZnO Thin Films for Gas Sensing Applications
		M.O. Tharangika, H.Y.R. Atapattu and D.S.M. De Silva
3.00-3.15	360	Purification of Kaolin in Meetiyagoda Kaolin Deposit, Sri Lanka by Chemical
		Treatment for Whiteness Enhancement
		K.T.I.S. Katudampe, A.M.A.N.B. Attanayaka and K.R. Kudahetty
3.15-3.30	402	Determination of the Regional and Residual Gravity Anomalies in the Cauvery
		Basin, Sri Lanka
		M.A.A.S. Bandara, D.A. Weerasinghe and A.S. Ratnayake
3.30-3.45	450	Characterisation and Implications for Potential Environmental Applications of
		Montmorillonite Extracted from Clay Deposits in Murunkan, Sri Lanka
		K.L.R.I. Piyasena, S.I. Rathnayake and H.M.J.C. Pitawala

Date: 08.02.2019 Venue: A1

Time	Paper ID	Abstract Title and Name of the Authors
8.30-8.45	459	Synthesis of FeCl <sub>3</sub> -Graphite Composite from Vein Graphite via Solvothermal
		Method for Lithium-Ion Rechargeable Battery Applications
		<u>U.G.K.L.K.S. Ranasinghe</u> , J.N. Kanagaratnam, T.H.N.G. Amaraweera and
		H.W.M A.C. Wijayasinghe
8.45-9.00	484	Upgrading of Sri Lankan Ilmenite by Ball Milling Induced Carbothermic
		Reduction
		T.D.U. Wijewardhana and A.S. Ratnayake
9.00-9.15	554	Synthesizing a Novel Paper Material from Penicum maximum
		I.U. Janedura, J.T.V.C. Jayawardena and H.M.J.C. Pitawala
9.15-9.30	557	Mechanically Compressed Graphite-Clay Composite Electrode for High-
		Temperature Applications
		D.T. Rathnayake, L.W.N. Tharangani, K.S.P. Karunadasa and C.H. Manoratne
11.00-11.15	573	Development of Poly Urethane based Composite using Plastic Waste of PET
		Bottles and Agro Waste
		T. Kirushanthi, H.M.J.C. Pitawala, D. Edirisinghe, D.R. Ratnaweera and T.N.B.
		Etampawala
11.15-11.30	588	Selective Removal of Iron Oxide in Sri Lankan Laterite
		W.A.I.A.T. Goonetilleke, D.T. Jayawardana and A.S. Ratnayake
11.30-11.45	681	Depositional Characteristics and Accumulation Model of Peaty Sediments in the
		Southwest Coast of Sri Lanka
		N.D.M.S. Senanayake and A.S. Ratnayake
11.45-12.00	732	Investigation of the Use of Paddy Husk Silica as a Compound for Polishing Gem
		Minerals
		R.W.M.D.D. Bandara, R.G.C. Jaliya and G. Wijesuriya
12.00-12.15	796	Enhancement of the Colour of Natural Greenish Yellow Chrysoberyl using Heat
		Treatment Techniques
		E.M.D.K. Ekanayaka, R.G.C. Jaliya and G. Wijesuriya
12.15-12.30	862	Detail Investigation on Gamma Ray Irradiated Sri Lankan Yellow Sapphire
		C.S. Werakoon, S. Illangasinghe, S.W. Nawarathna, S. Diyabalanage, P.
		Francis and N. Jayasinghe

12.30-12.45	936	Influence of Partial Replacement of Carbon Black with Areca Nut Husk Fiber on Properties of Natural Rubber Composites  K.P.I. Madushika, H.G.I.M. Wijesinghe, A.M.W.K. Senevirathna and D.G. Edirisinghe
12.45-01.00	986	A Dual Filler System for Low Speed Tire Base Compound <u>T.D.I.K. Gunasekara</u> , R.R.M.S.K. Ranatunga, H.G.I.M. Wijesinghe and  A.M.W.K. Senevirathna
01.00-01.15	1067	Effect of Catalytic Carbon on Efficiency of Chloramine Removal <u>A.T. Shanadi</u> , S. Jayakody, A.G.A.W. Alakolange and H.M.S.K. Herath
01.15-01.30	65	An Ionic Liquid based Gel Polymer Electrolyte for Zn / Sri Lankan Natural Graphite Rechargeable Cells <u>K.W. Prasadini, K.S. Perera and K.P. Vidanapathirana</u>
01.30-01.45	66	Sri Lankan Natural Rubber based Electrolyte for Electrochemical Double Layer Capacitors  N.A.A.K. Sanjaya, K.S. Perera and K.P. Vidanapathirana

#### **Poster Presentations**

Date: 07.02.2019 Venue: E1

Time (p.m.)	Paper ID	Abstract Title and Name of the Authors
02.00-03.00	216	Sri Lankan Tourmaline's Inclusions and their Behaviors under the Gas Fired
		Heat Treatment
		I.L.C.S. Wickramarathna, R.G.C. Jaliya, S. Illangasinghe and P. Francis
	251	Assessment of Geuda Heat Treatment using Gas-fired and Electric Furnaces
		R.G.C. Jaliya, P.G.R. Dharmaratna and K.B. Wijesekara
	264	In-situ Synthesis of Zinc Oxide Seeds on Thin Film of Mica as the Highly
		Reactive Photocatalyst Under UV-Light Irradiation
		A. Senthilnathan, U.G.M. Ekanayake and M.M.G.P.G. Mantilaka
	384	Synthetic Dyes as Photosensitizers for Dye Sensitized Solar Cells: A
		Comparative Study
		H.N.M. Sarangika, <u>J.P.I.B.R. Ruveshana</u> , M.A.K.L. Dissanayake, and G.K.R.
		Senadeera
	422	Application of Geology and GIS in the Exploration of Gem Deposits in
		Haldumulla Divisional Secretariat Division, Badulla District, Sri Lanka
		<u>W.A.D.T.L. Wijesinghe</u> , J.M.C.K. Jayasundara, R.M.N.P.K. Jayasinghe and P.
		Francis
	470	Introducing a Simple Heat Treatment Method for Natural Topaz in Matale as
		an Alternative to the Irradiation
		<u>J.M.C.K. Jayasundara</u> , W.A.D.T.L. Wijesinghe, R.M.N.P.K. Jayasinghe and P.
		Francis
03.00-04.00	471	Gem Trader's Perception on Treatment of Low Gem Quality Minerals,
		Ratnapura, Sri Lanka
		S. Illangasinghe, S. Wickramarathna, S. Diyabalanage, L. Herath, P. Francis
		and C. Jaliya
	483	Geochemical Exploration of Negombo Lagoon Sediments in Western Coast of
		Sri Lanka
		<u>U.M.P. Wijesinghe</u> and A.S. Ratnayake

517	Antibacterial Activity of Silver Deposited Vein Graphite against Waterborne Pathogenic <i>Escherichia coli</i> Synthesized by Chemical Reduction Method <u>T.D.D. Kumari</u> , V.M.R. Swarnamali, T.H.N.G. Amaraweera, M.M.S.N. Premathilake, H.W.M.A.C. Wijayasinghe and N.W.B. Balasooriya
661	Characterisation of "Dummala" Origin in Sri Lanka by XRF, XRD and FTIR H.C.S. Subasinghe, T.G.T.A. Bandara, W.A.P.P. Christopher, H.P.T. Sasanka Hewathilake and H.M.J.C. Pitawala
695	Geochemical Characterization of Magnetite Ore Deposit in Buttala, Sri Lanka A.M.J.N. Athisinghe, H.P.T.S. Hewathilake and A.M.N.M. Adikaram
697	Substitution of Rice Husk Ash for Grout Additive to Decrease Shrinkage of Cement Grouting  K. Anojan, T.H.N.G. Amaraweera, W.A.P.P. Christopher and W. Sarathkumara

### **Poster Presentations**

Date: 08.02.2019 Venue: E1

Time	Paper ID	Abstract Title and Name of the Authors
08.30-09.30	721	Identification of Heat Treated Natural Blue Spinel Using Raman
		Spectroscopy
		A.D.C. de Silva, R.G.C. Jaliya and G. Wijesuriya
	739	Transport Properties and Interactions of Ionic Liquid Doped Bio Polymer
		Based Gel Electrolyte for Sodium Rechargeable Batteries
		D.H.N. Kawshalya, J.L. Ratnasekera and H.M.J.C. Pitawala
	814	Gravity Separation Method for Purification of Below 2 mm Graphite Particles
		in Kahatagaha Graphite Mine
		P.G.S.R. Jayarathna, L.P.S Rothitha and R.G.C. Jaliya
	841	Preparation and Characterization of Copper and Sulfur Co-Doped Titanium
		Dioxide Nano Particles as an Enhanced Photocatalytic Material
		Y. G. Kondrage and K. G. C. Senaratna
	842	Effect of Seed Layer on Opto-Electronic Properties of CdS Thin Film
		W.G.C. Kumarage, R.K.K.G.R.G. Kumarasinghe, L.D.B.R.P. Wijesundera,
		V.A. Seneviratne, C.P. Jayalath and B.S. Dassanayake

	978	Determination of Optimum Antioxidant Ratio for Effective Resistance on
		Aging of Natural Rubber Based Solid Tire Tread Compound
		C.J. Perera, A.G.A.W. Alakolanga, E.A.L. Lochana and S. Kularatne
11.00-12.00	1025	Effect of Carboxy Methyl Cellulose on Viscosity of NBR
		P.C.T. Botheju, N.S. Withanage and P. Jayabodhi
	1027	Enhancement of the Physical Properties of Natural Rubber Latex Gloves by
		Using Nano-Cellulose Fibrils Filler
		K.A.S.M. Gunasekara, A.R.M. Abeywardhana, G. Karunarathna, and
		A.G.A.W. Alakolanga
	1037	Optimization of Glove Mixing Process of Gammex Powder Free (GPF)
		Product to Overcome Scum Formation
		R.M.T. Dissanayake, T.M. Samaraweera, E.A.L. Lochana and A.G.A.W.
		Alakolanga
	1062	Preparation of Transparent Superhydrophobic Surface
		<u>D.T. Rathnayake</u> and K.G.C. Senarathna
	467	Synthesis and Characterization of Nano Zeolite-A (LTA Zeolites) with Aid of
		Sodium Dodecyl Sulfate (SDS) as Particle Size-Controlling Agent
		D.I.S. Kannangara, B.A.Y.B. Jayawardhana, H.M.J.C. Pitawala, S.V.R
		Weerasooriya and I.P.L. Jayarathna

### Mechanical Engineering & Mechatronics

### **Oral Presentations**

Date: 07.02.2019 Venue: A2

Time (p.m.)	Paper ID	Abstract Title and Name of the Authors
1.30-1.45	71	A Proposed Design to Peel-off the Brown Skin of Coconut
		M.A.C.D. Muthukuda and R.J. Wimalasiri
1.45-2.00	283	A Power Conversion Method Based on Decentralized PID Controllers to
		Overcome the Power Deficiencies of a RF Thermal Emission Tube
		S.B. Wijayakoon, J. Samarawickrama and <u>D. Dharshana</u>
2.00-2.15	336	Obstacle Avoidance of Mobile Robots Using External Camera Information
		P. A. Hewapathirana and W. A. Rasika Nandana
2.15-2.30	357	Autonomous Battery Replacement System for Surveillance Drones
		J.B.S. Thyriar and W.A. Rasika Nandana
2.30-2.45	421	Invention of Table Top Steam Sterilizer
		<u>P.A.M.M. Kumara</u> and L.M.M. De Silva.
2.45-3.00	581	Analysis of a Brick Made By Polythene and Silica Using Finite Element
		Analysis
		<u>H.K.D. Kavishani</u> and R.M.T.C.B Ekanayake
3.00-3.15	705	Construction of Locomotion Models of a Snake Robot
		M.D.P. Prabhashana and R.M.T.C.B. Ekanayake
3.15-3.30	713	Smart Power Saving Climate Control System for Tea Nurseries in Sri Lanka
		B. Sribavan, A.R.P.C.C.J. Amarasinghe and T.A.S.Anuruddha
3.30-3.45	824	Autonomous Lawn Mower
		R.A.D.R.K. Mark and A.R.P.C.C.J. Amarasinghe

#### **Poster Presentations**

Date: 07.02.2019 Venue: E1

Time (p.m.)	Paper ID	Abstract Title and Name of the Authors
04.00-05.00	359	Self-Navigated Vehicle for Industrial Applications
		I.D.D. Kumara, R.A.D.R.K. Mark and A.R.P.C.C.J Amarasinhge
	366	Electronic Bus Ticket System
		N.M. Fazil and V. Hiroshaan
	418	Development of an Automated Beep Test Machine to Count the Levels, Shuttles
		and VO <sub>2</sub> Max Level
		L.M.M. De Silva and <u>P. K. N. Prasad</u>
	430	A Digital Device to Measure Distance on Multiple Surfaces
		T. Thevathayarajh, A.R.P.C.C.J. Amarasinghe and R.M.T.C.B.Ekanayake
	586	Web Server Based Mobile Weather Analyzer System
		D.L.S.K. Wijesinghe, A.R.P.C.C.J. Amarasinghe, R.M.T.C.B. Ekanayake
	625	Autonomous Human Following Shopping Trolley Integrated with Smart
		Shopping Android Application for Sri Lankan Supermarkets
		S.P. Jayah and A.R.P.C.C.J. Amarasinghe
05.00-06.00	648	Application of Graph Theory for a Pick and Place Machine
		K. Thulashsayini and R.M.T.C.B Ekanayake
	703	Design a Modular Mechatronic Systems: Design a Packaging Machine
		Y.S.S. Ariyarathne and A.R.P.C.C.J. Amarasinghe
	716	Designing a Fully Automated Pot for Gardeners and a Survey on the Use of the
		Features to the Consumers
		H.P.N. Jayawardhana, B.C. Liyanapathirana, U.A.D.N. Anuradha and
		K.W.S.N. Kumari
	746	Design and Development of EMG Controlled Prosthetics Lower Limb
		K. Anantharajah and H.A.N.B Amarasiri
	1061	Efficient Autonomous Guided Vehicle for Transporting Material in Sri Lankan
		Industry
		J.P.S.C. De Silva and A.R.P.C.C.J. Amarasinghe

### Sustainable Animal Production Technology

### **Oral Presentations**

Date: 07.02.2019 Venue: D1

Time (p.m.)	Paper ID	Abstract Title and Name of the Authors
1.30-1.45	865	Effect of Black Cumin Seed Meal (Nigella Sativa) on Performance, Meat
		Quality and Intestinal Microflora of Broilers
		S.M.C. Himali, <u>W.V.A.H. Chathurika</u> , K. Samarasinghe and W.T.N. Boteju
1.45-2.00	931	Effect of Storage Time on the Physical Changes and Proximate Composition
		of Feed Ingredients Stored Under Room Temperature
		R.M.S.P. Rathnayaka and N.M.N. Nambapana
2.00-2.15	943	Effect of Soy Bean Meal and CO-4 Grasses on Milk Production of Milking
		Cows in Mid Lactation Period
		A.S. Kodithuwakku, N.M.N. Nambapana, K.K.T.N. Ranaweera and R.M.S.
		Gunathilaka
2.15-2.30	992	Antimicrobial Effect of Immunoglobulin Y (IgY) Extracted from Village
		Chicken Eggs and Farm Chicken Eggs Against Salmonella
		<u>D.K.L. Madushika</u> , M.S. Kurukulasuriya, E.D.N.S. Abeyrathne and G.L.L.P.
		Silva
2.30-2.45	1002	A Preliminary Study on Current Status of Dairy Cattle Farming in Mannar
		District
		<u>V.C Dias</u> , J.M.D.R Jayawardana, J.M.P Jayasinghe and K. K. T. N Ranaweera
2.45-3.00	1009	Evaluation of Growth Performance and Nutritional Composition of Three
		Fodder Crops (Maize, Sugargraze and Nutrifeed) Cultivated in Omanthai,
		Northern Region of Sri Lanka
		M.G.I.U. Meddegoda, J.M.P. Jayasinghe, K.K.T.N Ranaweera and G.M.P.J.
		Bandara
3.00-3.15	916	Effect of Glucose Oxidase on Growth Performance and Meat Quality of Broiler
		Chicken
		H.M.D.P.B. Heenkenda, I.P.A.U.N.K. Illippangama, M.D.N.A.S.
		Arsecularatne, M.W.C.D. Palliyeguru and D.D Jayasena
3.15-3.30	908	Meat and Meat Product Consumption Patterns and Prevalence of Malnutrition
		among Advanced Level Students in Kandy District

		R.H.W. Nadeeshani, B.R.S. Bogahawaththa, J.M.D.R. Jayawardana and D.D. Jayasena
3.30-3.45	934	Effect of Dietary Probiotic and Phytobiotic Combination on Growth Performance and Meat Quality Traits of Commercial Broilers <u>A.A.D.I. Adikari</u> , I.P.A.U.N.K. Illippangama, G.A. Gunawardana, M.W.C.D. Palliyeguru and D.D. Jayasena
4.00-4.15	1004	A Survey on Factors Influencing the Cow Milk Production in Badulla District R.A.P. Ranathunga, K.W.S.N. Kumari, J.M.P. Jayasinghe and J.M.D.R. Jayawardana
4.15-4.30	937	Determine the Effect of Fermented Soybean Meal Supplementation into a Diet With or Without Fish Meal on Growth Performance and Meat Quality of Broiler Chicken  S.K.T. Premathilaka, N.M.N.Nambapana, Li Ang and D.D.Jayasena

#### **Poster Presentations**

Date: 07.02.2019 Venue: E1

Time (p.m.)	Paper ID	Abstract Title and Name of the Authors
05.00-06.00	948	Effect of the Pellet Size on Pellet Durability and Feed Conversion Ratio of
		Broiler Chicken
		H.S. Madushani, N.M.N. Nambapana and N.D. Andaraweera
	186	Investigation of Hygienic Practices in Routine Milking and Quality of Raw
		Milk Supplied by Small-scale and Medium-scale Dairy Cattle Farmers in
		Doluwa Veterinary Range
		M.A.G.H. Kumarajeewa, J.K. Vidanarachchi, A.Weerasinghe and A. Lowe
	242	Prevalence and Antibiotic Susceptibility of Bacteria in Milk from Subclinical
		Mastitis Cows in Embilipitiya, Sri Lanka
		N.N. Abeysekara and G.A. Gunawardana
	920	Household Egg Consumption Pattern in Kaluthara District
		A.D.G. Chinthaka, B.R.S. Bogahawaththa, M.G.P.P. Mahindarathne and
		E.D.N.S. Abeyrathne
	945	Knowledge, Attitude and Practices (KAP) Survey on Processed Meat
		Products Consumption among Agriculture Undergraduates of Government
		Universities in Sri Lanka
		J.A.S. Madhumali, B.R.S. Bogahawaththa, J.M.D.R. Jayawardana and D.D.
		Jayasena
	946	Characterization of Goat Production Systems in Badulla District of Sri Lanka
		H.M.N.P. Nandasena, J.M.D.R. Jayawardana and M.S. Kurukulasuriya

### Sustainable Crop Production Technology

### **Oral Presentations**

Date: 07.02.2019 Venue: E5

Time (p.m.)	Paper ID	Abstract Title and Name of the Authors
1.30-1.45	512	Effect of Foliar Application of Calcium Chloride in Mitigating Salt Stress
		in Tomato Plants
		T. Jayasinghe, P. Perera and R. Wimalasekera
1.45-2.00	309	Domestication of Two Edible Wild Mushrooms, Lentinus squarrosulus and
		Lentinus tuber-regium from Sri Lanka
		S.D. Miriyagalla, E.I.P. Silva, D. Udayanga and D.S. Manamgoda
2.00-2.15	940	Investigating the Potential of Using Non-Conventional Materials as
		Mulches in Tea New Clearings in the Uva Region
		W.M.O.S.K. Wasala and K.G.Prematilake
2.15-2.30	993	Effect of High Temperature on Growth, Pollen Fertility and Yield
		Parameters of Selected Rice Varieties in Sri Lanka
		R.M.C.Y. Rajapaksha, T.K. Illangakoon, S.R.W.M.C.J.K. Ranawana and
		P.W. Jeewanthi
2.30-2.45	1049	Investigating the Association of Vesicular Arbuscular Mycorrhiza (VAM)
		with Commelina benghalensis Weed Species
		H.M.M.P.S. Herath, K.G. Prematilake and H.M.P.M.Gunasena
2.45-3.00	942	Comparison of Chemical Composition and Oil Yield of Vetiveria
		zizanioides from Different Agroecological Regions in Sri Lanka
		<u>D.M. Gunawardana</u> and P.E. Kaliyadasa
3.00-3.15	1042	Determination of Neurotoxic Pesticide Residues in Vegetables by Using
		Rapid Bioassay Method
		O.S. Senanayake, N.R.N. Silva, S.R.W.M.C.J.K. Ranawana and
		A.N.R. Weerawansha
3.15-3.30	725	Development of Microbial Biofertilizer for Tomato (Solanum
		lycopersicum)
		W.A.H. Maheshika, I.D. Singhalage, A.P. Henagamage and G. Seneviratne

3.30-3.45	976	Evaluation of Rice Grain Quality under Low Moisture and Normal Irrigated
		Conditions
		A.M.A.M. Hansika, B.M.K. Senarathne, L.M.H.R. Alwis

Date: 08.02.2019 Venue: E5

Time	Paper ID	Abstract Title and Name of the Authors
8.30-8.45	922	Effect of Open-hole Ratio of Perforated White Polythene Mulch on Growth of
		Strawberry (Fragaria x ananassa)
		K.M.R.D. Abhayapala, R.M. Fonseka and P.D. Abeythilakeratne
8.45-9.00	37	Geospatial Techniques to Slope Risk Rating for Tea Planted Areas in
		Rathnapura District, Sri Lanka
		M. M. G. S. Dilini, and A. K. Wickramasooriya
9.00-9.15	971	Determination of the Variation of Biochemical Profile of Commonly Grown Tea
		(Camellia sinensis (L.) O. Kuntze) Cultivar of TRI 2025 in Low Country Agro-
		ecological Zones
		M.H.G.S. Nirmala, P.E. Kaliyadasa, A.G.A.W. Alakolanga, H.A.S.L. Jayasinghe
		and P.W. Jeewanthi
9.15-9.30	1010	Investigation of Potential Allelopathic Shade Tree Species for Controlling
		Weeds in Tea Lands
		P.W. Pathinayake, S.R.W.M.C.J.K. Ranawana, P.E. Kaliyadasa and K.G.
		Premathilake
11.00-11.15	219	Crotalaria retusa L. as a Potential Potted Dwarf Ornamental Plant
		E.V.G.A. Suharshana, K. Yakandawala, <u>D.M.A.E.I. Dewagedara</u> and N.R.
		Abenayake
11.15-11.30	1008	Selection of Climate Resilient Tea Cultivars for Uva Region
		D.N.Weerasinghe, T.L.Wijeratne, S.R.W.M.C.J.K.Ranawana and
		M.M.N.Damayanthi
11.30-11.45	961	Determination of the variation of biochemical properties of selected tea cultivar
		(Camellia sinensis (L.) O. Kuntze) in Mid Country
		S.M.I.S.Samarakoon, P.E. Kaliyadasa, A.G.A.W. Alakolanga, H.A.S.L.
		Jayasinghe and P.W. Jeewanthi

11.45-12.00	984	Determination of Cadmium Accumulation and Consequent Responses of Four		
		Different Rice Varieties in Sri Lanka		
		S.N. Gunawardhana, N.U. Jayawardhana and S.R.W.M.C.J.K. Ranawana		
12.00-12.15	452	Effect of Temperature and Packing Material on Germination Rate of Stored		
		Paddy		
		M.G.G Awanthi, S.B. Navaratne, B.M.S Jinendra and C.M. Navaratne		
12.15-12.30	1066	Investigation of Possible Vesicular Arbuscular Mycorrhizal (VAM)		
		Associations in Prevalent Weeds in Tea Cultivations of Uva Region		
		<u>D.H.Y.A. Ranasinghe</u> , K.G. Prematilake, P.D.P.M.D. Silva and		
		H.M.P.M.Gunasena		
12.30-12.45	924	Investigation on Durability of Different Mulches and Their Effect on Weed		
		Growth in Low-Grown Young Tea		
		R.M.D.T. Rathnayaka, K.G. Premathilaka and N.P.S.N. Bandara		
12.45-01.00	1029	Allelopathic Effect of Weeds Extracts on Growth and Yield of Tomato (Solanum		
		lycopersicam L.)		
		R.A.T.L. Ranaweera, P.E. Kaliyadasa and S.R.W.M.C.J.K. Ranawana		
01.00-01.15	1023	Determination of the Variation of Biochemical Properties of Selected Tea		
		Cultivar (Camellia sinensis (L.) O. Kuntze) in Up Country		
		T.Thiruneelan, P.E. Kaliyadasa, A.G.A.W. Alakolanga, H.A.S.L. Jayasinghe and		
		B.A. Samarasinghe		

#### **Poster Presentations**

Date: 07.02.2019 Venue: E1

Time (p.m.)	Paper ID	Abstract Title and Name of the Authors	
02.00-03.00	14	Attitude of Government Agricultural Officers towards Organic Agriculture in	
		Sri Lanka	
		S.H.P. Malkanthi and W.N.S. Kumari	
	15	Present Organic Farming Policies and Future Needs: A Review Paper	
		S.H.P. Malkanthi and W.N.S. Kumari	
	20	Growth, Physiological Attributes and Yield of Selected Groundnut (Arachis	
		hyogaea L.) Cultivars Affected by Moisture Stress during the Flowering Stage	
		M. Sukanya and S. Mahendran	

	90	Unmanned Arial Vehicles (UAV) in Smart Agriculture: Trends, Benefits and
		Future Perspectives
		T.A.N.T Perera, A.C.P Priyankara and G.Y Jayasinghe
	97	Effect of Type of Growing Medium on Growth and Productivity of
		Greenhouse-grown Cucumber (Cucumis sativus L)
		S.D. Jayasekara, B.A.P. Sahan, P.A. Sunil and P.H.M. Darmasena
	400	Adoption of Eco-Friendly Technologies in Paddy Farming in Sri Lanka as an
		Alternative to Chemical Fertilizer: Exploring the Farmer Perceptions
		C.D.A. Lakmali, L.H.N. De Silva, U.K. Jayasinghe-Mudalige,
		R.S. Dharmakeerthi, W.S. Dandeniya and W.K. Balasooriya
03.00-04.00	700	Climate, Technology and Variations in Profit in Tea Production: A Study on
		Nuwara Eliya Tea Estates
		A.D.K.S.S. Somarathna and J.C. Edirisinghe
	994	Determination of Economic Injury Level and Economic Threshold Level of
		Tobacco Cutworm (Spodoptera litura)
		K.W.A.R. Sriyantha, A.N.R. Weerawansha, S.R.W.M.C.J.K. Ranawana and
		C.H. Edirisooriya
	1014	Effectiveness of Organic Fertilizer Produced from Tannery Buffing Waste
		S.A.D. Namantha, J.M.P. Jayasinghe, D.K.D.D. Jayasena and T.A.T. Nimesh
	1041	Evaluation of Grafting Technique for Garcinia quaesita Pierre. (Garcinia) by
		Using Different Wrapping Materials at Different Maturity Stages of Root Stock
		S. Thirukumaran, C.I.M. Attanayake and P.E. Kaliyadasa

### Travel & Tourism

#### **Oral Presentations**

Date: 07.02.2019 Venue: C3

Time (p.m.)	Paper ID	Abstract Title and Name of the Authors
1.30-1.45	521	The Impact of Destination Attractiveness on Tourists' Motivation to Consume
		Local Foods: Empirical Evidence from Ella and Nuwara Eliya Tourism Zones
		C.P. Danthanarayana and J.P.R.C Ranasinghe
1.45-2.00	174	Identify the Potentials to Promote Special Interest Tourism in Kurunegala
		District: With Special Reference to the Cultural Heritage Tourism
		W.M.S.D Jayathilaka, H.R.N. Peiris and A.K.A. Damunupola
2.00-2.15	731	Time Series Analysis for Modelling and Forecasting Tourist Arrivals in Sri
		Lanka
		H.D. Gammanpila and H.L.D.K. Jayarathna
2.15-2.30	68	Sustaining Resident Support for Tourism through Empowerment: An Inquiry
		Based on Resident Empowerment through Tourism Scale
		H. M. J. Pradeepamali and J.P.R.C Ranasinghe
2.30-2.45	77	A Study on Tourism Undergraduates' Satisfaction on Internship Experience
		and Their Future Career Intention
		E.W. Biyiri, D.M.C. Dassanayake and S.N.S. Dahanayake
2.45-3.00	553	A Study on Marginalization of Indigenous Minorities: Evidence from Vedda
		Community in Sri Lanka (With Special Reference to Dambana and Rathugala)
		M.D.T. Amilatissa and J.P.R.C. Ranasinghe
3.00-3.15	756	Global Sustainable Tourism Standards and Certification Schemes: How
		Transnational Private Meta-Governance Operates at the Destination Level
		M. Futagami
3.15-3.30	540	Role of Tourist Motivation in Shaping Destination Loyalty; Study on Asian
		Tourists in Sri Lanka (Special Reference to Colombo Region)
		P.P Dulanjalee and J.P.R.C. Ranasinghe
3.30-3.45	556	Study on the Influence of Marketing Mix Factors on the Revisit Intention of
		Inbound Tourists (With Special Reference to Nuwara Eliya)
		A.M.S.P. Bandara, A.C.I.D. Karunarathne and J.P.R.C. Ranasinghe

Date: 08.02.2019 Venue: C3

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12.30-12.45	793	The Impact of Internal Marketing on Employee Performance: Mediating Role of Employee Commitment in Travel Agencies in Colombo District <u>G.P.P. Fernando</u> and C.J.P.Kulathilake	
12.45-01.00	861	Impact of Social Networking Sites Service Quality on Travel Decision of International Tourists (Special Reference to Sri Lanka)  M.D.S.M. Karunarathna, A.K.A. Damunupola and C.J.P. Kulathilake	
01.00-01.15	MT001	Tourists' Experience Mapping After Visiting a Post-Conflict Destination Using TripAdvisor.com Reviews: The Case of Jaffna, Sri Lanka  W.H.M.S. Samarathunga and Li Cheng	

#### **Poster Presentations**

Date: 07.02.2019 Venue: E1

Time (p.m.)	Paper ID	Abstract Title and Name of the Authors	
04.00-05.00	55	Local Economic Impact of Marine Tourism in Hikkaduwa, Unawatuna and	
		Mirissa area	
		<u>I.V.S. Ishanka</u>	
	229	Preferences and Attitudes of the Tourists Towards Alcohol Availability and the	
		Policies in Sri Lanka	
		S.K. Kithalawaarachchi, S.M. Young and G.N.D. Guruge	
	541	Potentiality of Fashion Industry for the Tourism Development in	
		Sri Lanka	
		B. D.W. Sirisena, H.M.W.H. Herath and A.K.A. Damunupola	
	550	Community Based Tourism as A Tool for Rural Economic Development in	
		Hiniduma Area	
		S.L. Mahaarachchie and J.P.R.C. Ranasinghe	
	551	Role of Destination Attributes on Domestic Tourists' Revisit Intention Towards	
		Wetland Parks of Sri Lanka	
		(Special Reference to Wetland Parks in Colombo District)	
		K.J. Dilrukshi, T.M.P.S.I. Tennakoon and A.M.D.B. Nawarathna	
	555	Analysis of Tourism Destination Competitiveness in Nuwara Eliya Region	
		(Supplier's Perspective)	
		<u>H.D.C.M. Karunarathna,</u> H.M.W.M.Herath and A.K.A.Damunupola	

05.00-06.00	562	Challenges and Opportunities for Community Based Tourism Development in	
		Sembuwaththa	
		T.G.I.M Godage, P.Wachissara and A.K.A.Damunupola	
	570	Identifying Potentials to Promote Kalawewa as a Tourist Destination	
		<u>H.M.L.M.Herath</u> , T.M.P.S.I. Tennakoon and N.W.T. Dilshan	
	584	Study the Impacts of Destination Attributes to Promote Madhu Church as a	
		Religious Tourism Destination	
		S.Kesavan, P.I.N Fernando and A.M.D.B. Nawarathna	
	605	Adoption of IT Practices with Suppliers and its Impact on Operational	
		Performance: E-Business Perspective (With Special Reference to Travel	
		Agencies in Colombo District)	
		W.A.C. Fernando, S.F. Fasana and A.M.D.B. Nawarathne	
	608	Perceived Potentials to Promote Bird Watching in Mannar District, Sri Lanka	
		S.K. Dolfina, W.G.S.R. Wijesundara and T.M.P.S.I. Thennakoon	
	622	Empirical Study on Impact of Residents 'Characteristics on Tourism	
		Development (With Special Reference to Mahiyanganaya)	
		<u>L.L.K.S. Alwis</u> and W.G.S.R Wijesundara	

Date: 08.02.2019 Venue: E1

Time	Paper ID	Abstract Title and Name of the Authors	
11.15-12.15	647	Visitors' Satisfaction on Sustainable Tourism Practices in Beach Tourism;	
		With Special Reference to Nilaveli Beach	
		S. Jassintha and A.C.I.D. Karunarathne	
	656	Role of Stakeholders in Promoting Pro-Poor Tourism in Uva Province	
		A.C.I.D. Karunarathne, J.P.R.C. Ranasinghe and A.M.D.B. Nawarathna	
	668	Does Begging Add Flavor to Tourism Destinations in Sri Lanka?	
		W.G.S.R. Wijesundara, C.P Danthanarayana, and A.A Idroos	
	690	An Analysis of Foreign Passenger Satisfaction on the Service Quality at	
		Bandaranaike International Airport	
		H.D.N.J. Heiyanthuduwa, A.K.A. Damunupola and P.H.T. Kumara	

	702	Assessing the Impact of Marketing Mix Factors to the Development of Gem	
		Tourism in Sri Lanka	
		H.L.C. Buddhika, P.I.N. Fernando and N.W.T. Dilshan	
	726	Need Analysis of a Context Aware Mobile Tour Guide Application to Upholo	
		Sri Lankan Tourism Industry	
		N.P. Ganewatta C.J.P. Kulathilaka and N.W.T. Dilshan	
12.15-01.15	749	Environmentally Responsible Behaviour in Ecotourism: Evidence from Eco	
		Tourists in Sri Lanka	
		R.A.A.K. Ranaweera	
	750	Eco Tourism Potentials of Waterfalls in Sri Lanka (With Special Reference to	
		Selected Waterfalls in Badulla District)	
		A.M.I.L. Bandara and C.J.P. Kulathilaka	
	761	A Study the Impact of Visitor Facilities on Visitors' Satisfaction in Pinnawala	
		Open Air Zoological Garden (Special Reference to Domestic Visitors)	
		M.N.M. Naleef, T.M.P.S.I. Tennakoon and A.M.D.B. Nawarathna	
	974	Factors Influencing on Intention to Selections of Sustainable Tourism	
		Destination: Empirical Evidence from Young Local Tourists Visits	
		Anuradhapura.	
		W.M.S. Subhashini, P.E.G.S. Sandamali and J.P.C Jayarangana	
	882	Impact of Social Media on Young Local Leisure Travelers' Behavior:	
		Empirical Evidences from Tourist Destinations in Kandy District.	
		W.A.Y. Shirmila, S.H.L. Herath, A.J. Weerasinghe and J.P.C. Jayarangana	
	953	An Impact of Motivation on Destination Loyalty of Young Local Tourists:	
		Empirical Evidence from Anuradhapura Tourist Destination.	
		M.D.M.N. Rajarathna, J.P.C. Jayarangana and R.M.N.U.K. Rathnayake	

### Conference Dinner

Date: 9th February 2019

Time: 7.00 p.m. onwards

Venue: Riverside Hotel, Badulla.

International Research Conference Dinner will be served on Thursday evening 7<sup>th</sup> February, 2019. Furthermore, a welcome dance performed by our university students is scheduled to welcome the gusts. Adding to that you will witness the grace and glamour of unique Sri Lankan Traditional Dances; Kandiyan dance, Bharatanatyam and Western dance among other events.

The Kandian, or up-country (udarata natum), dances, are regarded as the classical dance tradition of Sri Lanka. Kandyan dancers are traditionally performed only by male dancers. The technique, partly derived from South India, focuses on dynamism, powerful footwork, leaps and whirls. It has a vast repertoire, partly originating from an ancient indigenous ritual dance, partly influenced by South Indian



dances. Kandyan dances are now probably the country's most important cultural export. However, the most spectacular performances can still be seen in a religious context, particularly during the annual Kandy Perahera procession in the city of Kandy.



Bharatanatyam, a pre-eminent Indian classical dance form presumably the oldest classical dance heritage of India is regarded as mother of many other Indian classical dance forms. Conventionally, a solo dance performed only by women, it initiated in the Hindu temples of Tamil Nadu and eventually flourished in South India. Theoretical base of this form traces back to 'Natya Shastra', the ancient Sanskrit Hindu text on the performing arts. A form of illustrative anecdote of Hindu religious themes and spiritual ideas emoted by dancer with excellent footwork and impressive gestures its performance repertoire includes nrita, nritya and natya. Accompanists include a singer, music and particularly the guru who directs and conducts the performance.

#### Conference Tour

#### **Itinerary:**

Mahiyangana Temple, Dambana indigenous village & Ayurvedic Museum and Sorabora Lake

Date: 9th February, 2019.

Starting Time: 5.00 a.m.

Gathering Point: Uva Wellassa University



Mahiyangana Raja Maha Vihara is an ancient Buddhist temple in Mahiyangana, Sri Lanka. It is believed to be the site of Gautama Buddha's first visit to the country, and is one of the Solosmasthana, the 16 sacred religious locations in Sri Lanka. Currently this temple has been declared as one of archaeological site in Sri Lanka. A Yakka chieftain named Saman (who is now regarded as a deity) attained Sotāpanna (Sovan) after listening to the Buddha's discourse, and asked for a token from the

Buddha that they could worship in his absence. The Buddha had given him a handful of hair from his head, which Saman later enshrined in a small stupa, 10 feet (3.0 m) in height. This was the first stupa to be built in Sri Lanka.

Sri Lanka's Aborigines', or the Veddha's meaning "people of the forest" of Sri Lanka has a history much older than prince Vijaya's landing in 5<sup>th</sup> century BC and the origins of the Sinhala race. Archaeological evidence suggests that modern Veddha's Neolithic ancestors inhabited this island as far back as 10,000 BC. Once, roaming the Great Plains' of the north central region to the central mountains, today the remaining Veddha



population are confined to Dambana which is close to Maduru oya sanctuary. Today, the Veddha's are more modernized as far as at least the cloths are concerned and perfect way to observe Veddha is to organize a camp close to or within a reservation and Veddha's will be more than glad to show you their ways of life, with an

axe hanging from their shoulders and a bow slung behind them, gives you the impression nothing much has changed since the dawn of time for these proud warriors of the forest.



Sorabora Wawa (Sinhalese: මසාරම්බාර් වැව) is an ancient reservoir in Mahiyangana, Badulla District in Sri Lanka. It is thought to have been constructed during the reign of King Dutugemunu (161 BC – 137 BC) by a giant named Bulatha. In the ancient past, this tank was known as the 'Sea of Bintenna'. The tank has been built by damming the Diyawanna Oya with a 485-meter embankment. It does not make use of the structure called Bisokotuwa, which helps to regulate water pressure at the sluice gates from inside the tank and protect the embankment from erosion. Instead of that the sluice gate (Sorowwa) of the tank has been

placed strategically away from the embankment and made up utilizing the massive natural rock around the tank. It is say that this is the only such type sluice gate found in Sri Lanka.

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### Past Symposia

The first research symposium of Uva Wellassa University proudly launched with the theme of "Value Addition to the Natural Resource Base" which was held on September 2010. The 1st Symposium received one hundred and seventy-six (176) research papers scholarly contribution under five themes which were believed to be exploited by the participants to create a platform to debate and discuss valuable scientific ideas to be developed in order to add



value to the natural resource base. Further, numerous lab-scale innovations were exhibited at the symposium.

The 2nd symposium which was held on December 15 & 16, 2011 on the theme "Towards a Knowledge Economy" and provided an opportunity for Uva Wellassa University undergraduates, academics, scientists, industrialists and entrepreneurs both local and overseas to deliberate, debate and exhibit their research outputs, innovative findings, novel products in the fields of Animal Science, Export Agriculture, Computer Science, Management, Science & Technology and other related fields.

Further the 3<sup>rd</sup> symposium was held on November 22-23, 2012 under the theme of "Meeting Global Challenges through Knowledge and Wisdom". That year, students from three more degree programs, Tea Technology and Value Addition, Mineral Resources Technology and Industrial Information Technology were privileged to join with their research findings. A new feature, a poster session was added to benefit those who



were not successful in presenting their papers orally. In total, 47 posters were on display.

The 4<sup>th</sup> research symposium which was held on December 12 & 13, 2013 gave an immense opportunity to researchers to debate and exchange interactive views on their novel research findings. It provided the scholars an ideal platform to exhibit their new innovative knowledge in research activities by selecting the apt theme "Value"

Addition towards Economic Growth and Prosperity'. Their scholarly knowledge was expected to be contributed to elevate the social wellbeing and socio economic development of the country.

The 5<sup>th</sup> research symposium was held on January 29 & 30, 2015 providing an appropriate and timely platform to bring together the young and promising researchers to present their work, interact with and learn from each

other on innovative theoretical and evidence-based research on the theme of "Value Addition for Sustainable Development".

In the symposium, a number of parallel technical sessions were organized covering all eleven (11) degree programs and a poster session and more than 200 presenters presented their research findings in these sessions.

Uva Wellassa University, which primarily focuses on value addition in all its research and teaching activities, organized its 6<sup>th</sup> Research Symposium to provide a platform to discuss, debate, agreed upon and disseminate the current research on value addition under the theme of "Towards Emerging Trends in Value Addition". Innovative perspectives towards value addition pay a pivotal role in uplifting the social well-being, while improving the proficiency to capture the emerging opportunities in the globe. This symposium was held on January 28 & 29, 2016.

The 6<sup>th</sup> Research Symposium is undoubtedly reached its zenith of adding value to diversified areas of research such as Agriculture, Management, Science and Humanities paving way for a multitude of research on myriad disciplines under the areas stated above. The researches, academicians, professional, practitioners and undergraduates were enthusiastic in contributing to this year's Symposium which received around three hundred and fifty (350) research papers



out of which two hundred and fifteen (215) research papers were selected and presented under 15 themes. The chancellor of the University resided as the Chief Guest of the Symposium whilst Professor Kapila Gunasekara, the former Vice Chancellor of the University of Peradeniya graced the occasion as the Guest of Honour. Professor U. K. J. Mudalige delivered the keynote speech while Dr. G. Chandrasena, Vice Chancellor, Uva Wellassa University took the lead as the Chairperson of the Symposium.



The seventh research symposium of the Uva Wellassa University (UWU) was held on January 19 & 20, 2017 at the university premises with the theme of "Global Trends towards Technopreneurial Development". This was the first International Research Symposium which is named as IRSUWU 2017 organized by UWU, as the youngest university in Sri Lanka. IRSUWU 2017 comprised of

seven sub-themes namely Agriculture, Biology, Computer Science, Food Science, Process Engineering, Management Science and Earth Sciences.

Development that meets the entrepreneurship in a technology intensive context while processing of merging technology prowess and entrepreneurial talents and skills defines technopreneurial development. The ability of present to uphold this core value of technopreneurial development has so far not shown to be at a recognizable level. Research focused on value addition is therefore imperative in generating new knowledge, products, services and processes which are vital to devise new strategies to steer current resource base in order to protect, promote and to achieve key ideas of technopreneurial development. Having realized this fundamental concept in facing societal challenges in the 21<sup>st</sup> century, Uva Wellassa University organized its 1<sup>st</sup> International Research Symposium on the theme "Global Trends towards Technopreneurial Development" Corresponding with the IRSUWU 2017.

With the expectation of contributing to the country's sustainable development, UWU opened its 2<sup>nd</sup> International Research Symposium under the theme of "Emerging Technologies for an Innovative Green Economy", which was held during February 1-3, 2018 at UWU premises, encouraging researchers to discuss, share and disseminate research findings in this esteemed forum of intellectualities actively engaged in keeping footprints



in the journey of Sri Lanka's sustainable development and regaining economic prosperity.

### Sri Lanka – Pearl of the Indian Ocean

Sri Lanka is known to many as the Pearl of the Indian Ocean and is a true paradise on earth. With beautiful golden beaches, splendid terrains and jungles, as well as cultural and historical sites, this picturesque island provides an abundant source of attractions and places to visit.



Sri Lanka is diverse country home to many religions, ethnicities and languages. The Sinhalese people are the majority although there are many ethnic minorities including Tamils, Muslim moors, Burghers, Kaffirs, Malays and the aboriginal Veddha people.

Sri Lanka is an important producer of tea, coffee,

gemstones, coconuts, rubber and the native cinnamon. Sri Lanka has been called "The tear drop of Indian ocean" because of its shape and location and is known as "The pearl of the Indian Ocean" because of its natural beauty. The island contains tropical forests, and diverse landscape with high biodiversity. The country





has had a long history of international engagement, being a founding member of SAARC and a member of United Nations, Commonwealth of Nations, G7 and Non- Aligned Movement. In antiquity, Sri Lanka was known to travellers by a variety of names, such as, Lanka, Sinhala, Taprobane, Serandib, Ceilao, and Ceylon.

Lying within the

Indomalaya ecozone, Sri Lanka is one of 25 biodiversity hotspots in the world. Although the country is relatively small in size, it has the highest biodiversity density in Asia. Remarkably high proportion of the species among its flora and fauna, 27% of the 3,210 flowering plants and 22% of the mammals, are endemic. Sri Lanka has declared 24 wildlife reserves, which are home to a wide



range of native species such as Asian elephants, leopards, sloth bears, the unique small Lories, a variety of deer, the purple-faced languor, the endangered wild boar, porcupines and anteaters. Among the trees of the dryland forests are valuable species such as satinwood, ebony, ironwood, mahogany and teak. These are the famous National Parks in Sri Lanka - Yala, Wilpaththu, Sinharaja, Udawalawa and Kumana Bird Sanctuary. Sri Lanka's biggest attraction is its tourism potential. It is a floating gem in the Indian Ocean, as its landscape ranges from arid plains to rainforests, and sandy beaches. It has a coastline of more than 1,300 kilometres with a tropical



monsoon climate. A pleasant blend of geography and climate, as well as oodles of elephants, the biggest concentration of leopards and other wildlife, make Sri Lanka irresistible for tourism and investment.

### Uva Wellassa University

Uva Wellassa University is the first Entrepreneurial University, providing education to the students focusing on employers' needs and entrepreneurship. The new course driven structure of education facilitates interdisciplinary, generates the knowledge base for education and practically enlightens their path. Value addition to national resource base caters for sustainable development of the nation.





Our theme provides the necessary emphasis that should pervade the system within to pursue a vision clearly giving us a direction on Value Addition to the National Resource Base. It is also the only Entrepreneurial University in Sri Lanka. As such all our degree programs deliver knowledge and skills required by the employers in industry and commerce for value addition.

The university has a strong concept based on the theme; value addition to the local resource base and supported by a young team of qualified lecturers ready to take off. Uva Wellassa University has four faculties which are offering thirteen market oriented degree programs directly designed to fit the theme of the university and job market. The programs cover resource areas of Aquatic, Animal Science, Export, Tea, Palm, Latex, Minerals, Tourism, Hospitality & Events



Management, IT, Entrepreneurship, Management, Science and Technology, Bio systems and Engineering technology.



The net result of this strategic theme effectively produces graduates readily employable both in the state and private sector.

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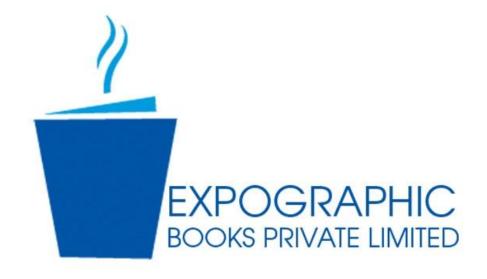


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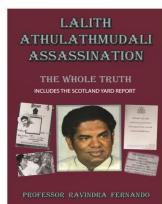
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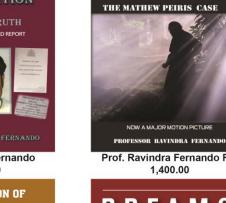
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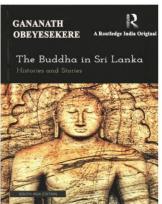
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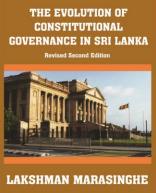
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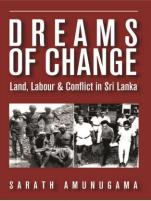
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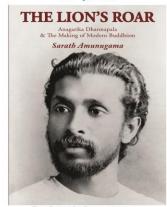
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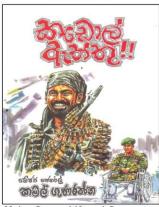
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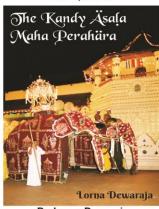
Dr. Sarath Amunugama Rs. 1,500.00



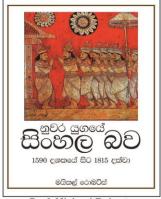
Dr. Sarath Amunugama Rs. 3,700.00



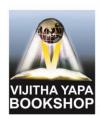
Major General Kamal Gunaratne Rs. 750.00



Dr. Lorna Dewaraja Rs. 2,000.00



Prof. Michael Roberts Rs. 2,200.00



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