

## **SICASH 2020 - Programme**

### **26th March 2021**

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| 9.00 a.m.  | - National Anthem  |
| 9.05 a.m.  | - Traditional lighting of the Oil Lamp (Online)  |
| 9.10 a.m.  | - Welcome Address by General Chair - Dr. Malitha Wijesundara   |
| 9.15 a.m.  | - SICASH Video Presentation  |
| 9.20 a.m.  | - Address by Co-Chair - Prof. Sriyani E. Peiris  |
| 9.25 a.m.  | - Address by the Vice-Chancellor of SLIIT- Prof. Lalith Gamage   |
| 9.35 a.m.  | - Address by the Chief Guest Prof. Kapila Perera – Secretary Ministry of Education                         |
| 9.45 a.m.  | - Keynote Speech 01 – Prof. Mike Jones, Professor of Biotechnology, Murdoch University, Western Australia. |
| 10.05 a.m. | - Keynote Speech 02 – Dr. K. Kanag-Isvaran, PC   |
| 10.30 a.m. | - Parallel Technical Sessions (till 1.15pm)  |
| 1.15 p.m.  | - Announcement of Awards   |
| 1.30 p.m.  | - Vote of thanks by Co-Chair – Prof. N. Selvakkumaran  |

## SICASH 2020 - Natural Sciences – Session I

#	Time	Field	Title of the Paper	Name of the Author/s	Paper ID
1	10:30 AM	Natural Science	Effect of 1-Methylcyclopropene and Wrapping Material on Shelf-Life and Postharvest Qualities of Spine Gourd ( <i>Momordica Dioica</i> )	Wijesinghe, G.P.M, Kumara, G.D.K , Kumara, J.B.D.A.P	NS1-1
2	10:45 AM	Natural Science	Newly Introduced Creeper Legume <i>Vigna Marina</i> as A Solution for Protection of Road Cuts In Sri Lanka	De Silva, M.H.S.C,Yapa, P.I. and Mahatantile,W.D.K.	NS1-2
3	11:00 AM	Natural Science	Phenotypic Plasticity Index as A Tool to Assess the Suitability of Three Coleus ( <i>Plectranthus scutellarioides</i> (L.) R.Br.) Varieties in Low-Maintenance Landscaping	Kodithuwakkuge, V. N., Padmaperuma, O. A. D., Gunathilake, G. K. D. C. S., Liyanage, L. P. H., Krishnarajah S. A. and Beneragama, C. K.	NS1-3
4	11:15 AM	Natural Science	Multilocal Evaluation of Growth and Antioxidant Content of Curly Kale ( <i>Brassica oleracea</i> L. var <i>acephala</i> ) and Chinese Kale ( <i>Brassica oleracea</i> var. <i>alboglabra</i> ) in Sri Lanka	Jayasooriya, R. Y, Chamara, R.M.S.R , Gunathilake, G.K.D.C.S., Liyanage, L.P.H. and Beneragama, C.K.	NS1-4
5	11:30 AM	Natural Science	Electrochemical Evaluation of Delayed Release Behaviour of Diclofenac Sodium Tablets	Sewwandi, A.A.M., Soysa, H. Sasimali M.	NS1-5
6	11:45 AM	Natural Science	Growth Parameters and Grain Yield of Rice ( <i>Oryza Sativa</i> L.) as Affected by Biofilm Biofertilizer Application	Ketippearachchi, K.G, Seneviratne, G., and D.L.C.K. Fonseka	NS1-6
7	12:00 NOON	Natural Science	Case Study on Safety Culture in Chemical Laboratories in Western Province, Sri Lanka	Samaranayake, A.D.A.I., Nishadya, S.M.S. and Jayasundara, U.K.	NS1-7
8	12:15 PM	Natural Science	Zno Nanoparticles Deposited on Gamboge ( <i>Garcinia Gummi-Gutta</i> L.) Based Activated Carbon for Removal of Phenol from Synthetic Wastewater	Nadeeshani, M.LN. and Edussuriya, M.	NS1-8
9	12:30 PM	Natural Science	The Use of Colour Shade Material in Black Pepper ( <i>Piper Nigrum</i> L) Propagation	Jayasinghe, J.A.T.U., Wickramanayake, D.S.D.D.S. <sup>1</sup> , and Kirthisinghe, J.P.	NS1-9
10	12:45 PM	Natural Science	Impact of Spacing and Type of planting material on Dry Matter Percentage in Cinnamon Bark; at the stage of first Harvest	Aluthgamage, H	NS1-10

## SICASH 2020 - Natural Sciences – Session II

#	Time	Field	Title of the Paper	Name of the Author/s	Paper ID
1	10:30 AM	Natural Science	Identification of SNP-Allelic Polymorphism Based Changes in Two Salt Responsive Proteins, Na <sup>+</sup> H <sup>+</sup> ANTI PORTER 4 and GLUTAREDOXIN 24 Between Two Rice Varieties	Abhayawickrama, B.P., Hanchapola, C.R., Kottearachchi, N.S., and Gimhani, D.R.	NS2-1
2	10:45 AM	Natural Science	Molecular Phylogeny of Rasboroides (Family Cyprinidae): An Endemic Freshwater Fish Species in Sri Lanka	Lankika, S.P.C. and Herath, V.	NS2-2
3	11:00 AM	Natural Science	Review on Methods of Explant Surface Sterilization for Efficient Micropropagation	Hemathilake, H.M. and Peiris, S.E.	NS2-3
4	11:15 AM	Natural Science	Effects of Silver Nitrate in In Vitro Establishment of <i>Cordyline Fruticosa</i> (L.) CV 'Purple Compacta Tri Colour' with CSUP Media Sterilization	Peiris, S.E., Hemathilaka, Heshika and Peiris, Colin N., Wijerathna, A.W.	NS2-4
5	11:45 AM	Natural Science	In Vitro Root Induction and Acclimatization of <i>Cissampelos pareira</i> : An Important Medicinal Plant	De Silva, D.C.M and Fonseka,D.L.C.K.	NS2-5
6	12:00 NOON	Natural Science	Callus Induction Protocol for <i>Aegle Marmelos</i> (L.) Corr. (Beli) through Seeds Explants	Hansani, S.A.N.P. ,Fonseka, D.L.C. K.,	NS2-6
7	12:15 AM	Natural Science	Improvement of the Survival Rate of In Vitro Propagated <i>Dendrobium Intermedium</i> CV 'White' during Acclimatization	Isaac, P.N. and Peiris, S.E.	NS2-7
8	12:30 PM	Natural Science	Production of Disease Free <i>Rumohra Adiantiformis</i> (Leatherleaf Fern) Using In Vitro Propagation	Perera, D. and Peiris, S.E.	NS2-8
9	12:45 PM	Natural Science	An Efficient Plant Regeneration using Leaf Explant for <i>Osbeckia Octandra</i> (L.) DC; A Valuable Medicinal and Ornamental Plant	Dilrukshi S. K. Nagahatenna and Sriyani E. Peiris	NS2-9

## SICASH 2020 – English Language, Literature & Education

#	Time	Field	Title of the Paper	Name of the Author/s	Paper ID
1	10:30 AM	English & Literature	A Study on the Impact of Online Monolingual and Bilingual Dictionary Use on ESL Learners' Vocabulary Acquisition and Retention	Wijesuriya, Keshani, and Dissanayake, Sucheru, D.M.M.	EE1
2	10:45 AM	English & Literature	Incorporating A Task-Based Approach to Motivate Speaking in The General English Classroom	Rathnasena, Upeksha	EE2
3	11:00 AM	English & Literature	Effectiveness of L2 Grammar Videos: A Dialogue between Teachers and Learners	Kalinga, J.	EE3
4	11:15 AM	English & Literature	Property, Sustainability and Well-Being: The Perspectives of the American Colonizers and the Natives in William Faulkner's Go Down, Moses	Jayasinghe, M.K.	EE4
5	11:30 AM	English & Literature	Lessons Learnt: A Study of Student Feedback Regarding Online Proficiency Assessment	Rathnasena, U. and Kalinga, J.	EE5
6	11:45 AM	English & Literature	Sustainability in the Face of Adversity – In Nathaniel Hawthorne's the Scarlet Letter	Jayasinghe, M.K.	EE6
7	12:00 NOON	Education	Perception of Postgraduate Students on Emergency Remote Teaching (ERT) During the COVID-19 Lock-Down: A Cohort Study in a Public University in Sri Lanka	Beneragama, C.K., Pieris, B.C.N., and Pieris, S.E.	EE7
8	12:15 PM	Education	The Public Primary School Teachers' Perception of Integrating Information and Communication Technology for Teaching & Learning in the Zonal Education of Colombo, Sri Lanka	Bukhari, S. K.1, Peiris, Colin N, Thelijjakoda, Samantha2, Dr. Nawinna, D. P., Wijekoon, W.M.J.L	EE8
9	12:30 PM	Education	Attitude of the Students Towards the Usage of Group Activities as a Remedy for Speaking Anxiety	Peiris, Ashani Erandi	EE9
10	12:45 PM	Education	Design of A Framework for Professional Development Programs for Teachers in the Use of Interactive Touch Screen	Perera, K.G.S.K., Wijesundera, Malitha. and Siriwardhena, Indrani.	EE10
11	1.00 PM	Education	Examining the Mode of Teaching English as a Second Language in Gampaha District Non-Urban Government Schools of Sri Lanka	Rajapakse, R.W.D.N.K.	EE11

## SICASH 2020 – Law

#	Time	Field	Title of the Paper	Name of the Author/s	Paper ID
1	10:30 AM	Law	Manufacturer V. Consumer: A Critical Analysis of Sri Lankan Product Liability Law in Respect of Electronic and Electrical Products	Segarajasingham, S	L1
2	10:45 AM	Law	Academic Research and Technology Transfer from University to Industry: Prospects, Challenges and the Way Forward for Sri Lanka	Punchihewa, Nishantha Sampath	L2
3	11:00 AM	Law	Regulating Responsible Business Practices for Human-Centered SDS: An Analysis of Recent Developments of International Investment Legal Framework of Developing Countries	Dawood, Shamila	L3
4	11:15 AM	Law	Denial of Justice Claims under the Fair and Equitable Standard: Scope and Limitations	Thushanthiga Kumarasoorier	L4
5	11:30 AM	Law	Online Dispute Resolution (ODR): As an Instrumental Approach for the Settlement of E-Commerce Disputes in Sri Lanka	Soorya, Balendra	L5
6	12:45 PM	Law	Specific Offence of Cyber-Sextortion for Sri Lanka	Harasgama, K. & M.A.P.M.Munasinghe	L6
7	01:00 PM	Law	The Covid-19 and Public Law of Sri Lanka	Selvakkumaran, N.	L7
8	12:30 PM	Law	Protecting Human Rights in Pandemic Situations: An Analysis of International Legal Responses in the Context of 'Covid 19' Outbreak	Seneviratne, S.S.M.W.	L8
9	11:45 AM	Law	Victim-Friendliness of the Personal Injury Law in Sri Lanka: A Critical Analysis	Liyanage, D.S.E.U.S.	L9
10	12:00 NOON	Law	Contractarian Approach in Protecting Trade Secrets in An Employment Context	Sumanadasa, Darshana	L10
11	12:15 PM	Law	Compromising Health to Gain Wealth: A Legal Response to Adverse Health Effects of Night Work	Puwanitha, Selvaraj	L11

## SICASH 2020 – Psychology & Nursing

#	Time	Field	Title of the Paper	Name of the Author/s	Paper ID
1	10:30 AM	Psychology	Depressive Symptoms, Social Anxiety and Aggression as Predictors of Cyber bullying Perpetration in Adulthood	Gunathillake, N.A., Perera, H.K.	PN1
2	10:45 AM	Psychology	Exploring Teacher Attitudes and Parent Expectations of Inclusive Education in Colombo	Peiris, A.N., and Pandithakoralage, S.C.	PN2
3	11:00 AM	Psychology	The Relationship between Individuals' Social Networks and Satisfaction with Life: The Mediating Role of Loneliness	Perera, P.L., and, Perera, H.	PN3
4	11:15 AM	Psychology	An Interpretative Phenomenological Analysis on Factors Affecting Organizational Commitment by HR Managers of Private Sector Service Industries	Chamindi, D. Iresha	PN4
5	11:30 AM	Psychology	Expectations and Satisfaction of Employees with Visual Impairment and Blindness: Evidence from Sri Lanka	Suraweera, T., Bandara, S., Ranasinghe, R.D.S.D., De Silva, H.S.N., Senanayake, S.R.M.N.S.B., Gunsekere, M.S.J.	PN5
6	11:45 AM	Nursing	Factors Influencing Use of Traditional Family Planning by Women in Sri Lanka	Peiris, T.S.G. and Karunaratne, H.V.V.M.P.	PN6
7	12.00 NOON	Nursing	Attitudes and Practices of Nurses' Regarding the First 24 Hours Postoperative Pain Management in Teaching Hospital, Rathnapura	Amarasinghe D.I.I and Meegoda, M.K.D.L.	PN7
8	12.15 AM	Nursing	Level of knowledge, Practice and Attitudes of Taking Anthropometric Measurements for Nutritional Assessments among Nurses Working in Dr. Neville Fernando Teaching Hospital, Malabe	Wijedasa, P.H.S	PN8
9	12:30 PM	Nursing	Common Complications Related to Peripheral Intravenous Cannulation (PIVC)	Dasanayake, D.M.C.D.K.	PN9

## SICASH 2020 – Poster Presentations

#	Time	Title of the Paper	Name of the Author/s	Paper ID
1	10:30 AM	<b>Production of Cassava Starch Composites as a Sustainable Alternative for Plastics</b>	Kodithuwakku, P. K.*, Sirimuthu, N. M. S., Yatawara, C. and Senarath-Yapa, M.D. Department of Chemistry, Faculty of Applied Sciences, University of Sri Jayawardenepura, Gangodawila, Sri Lanka John Keells Research, Nanotechnology & Science Park, Homagama.	P1
2	10:40 AM	<b>A Comparative Study between Tissue Biopsy and Liquid Biopsy in the Diagnosis of Cancer</b>	Balaakshayan, B., Devindi Sathsarani, A. M. A., Kumarasinghe, N. Mihirini., Saubhagya Rathnayake, R. M., Perera, M. R. N., Joy Annan, N. Faculty of Humanities and Sciences, Sri Lanka Institute of Information Technology, (SLIIT), Malabe, Sri Lanka	P2
3	10:50 AM	<b>Applications, Benefits and Drawbacks of Bioprinting – A Review</b>	Hewagama, Hashani., Chamathka, Harini., Nilaweera, Githmi Faculty of Humanities and Sciences, Sri Lanka Institute of Information Technology, (SLIIT), Malabe, Sri Lanka	P3
4	11:00 AM	<b>Biotechnology - The Panacea When Everything Else Fails</b>	Fernando, K.S.P. and Gamage, J.H. Faculty Of Humanities & Sciences, Sri Lanka Institute Of Information Technology (SLIIT), Malabe, Sri Lanka	P4
5	11:10 AM	<b>Molecular Approach to the Covid 19 VIRUS .....</b>	Duleela Senarath, Dulara Senarath, Silva, S.Inuli Upulma and Shivani, T. Faculty of Science and Humanities, Sri Lanka Institute of Information Technology (SLIIT), Malabe, Sri Lanka	P5
6	11:20 AM	<b>Metal Recovery from Printed Circuit Boards through Biotechnology</b>	Alwis, M.A.M.A.1, Nishshanka, N.A.K.Y.A., Mirissage, M.S.A.S.N., Fernando, W.R.S., Perera, D.S.M. , Fernando, W.P.E.M. Faculty of Humanities & Sciences, Sri Lanka Institute of Information Technology (SLIIT), Malabe, Sri Lanka	P6
7	11:30 AM	<b>Off the Wall: A Literary Analysis on 'The Fly'</b>	Suhaib, Hafsa., Udathaara, Kamaali., Siriwardena, Prasansa., Weerasinghe, Sandali., Kaushani, Yuresha Faculty of Humanities and Sciences, Sri Lanka Institute of Information Technology, (SLIIT), Malabe, Sri Lanka	P7
8	11:40 AM	<b>The Social Vision Reflected Through the Poetry of William Blake</b>	Abeywickrama, Disara Dewni Faculty of Humanities and Sciences, Sri Lanka Institute of Information Technology, (SLIIT), Malabe, Sri Lanka	P8
9	11:50 AM	<b>A comparison study of removing Rhodamine B from waste water by functionalized natural and synthetic porous carbon</b>	R.A.S.S.Ranchagoda 1, T.C.Jayaruk	P9
10	12:00 NOON	<b>Factors influence in adapting of bottled water consumption in selected urban, semi urban and rural areas of Matara DS division</b>	H.I.G.K.Anuruddi1 and K.M.C.Fernando1* Faculty of Agriculture, University of Ruhuna, Mapalana, Kamburupitiya	P10