



INTERNATIONAL CONFERENCE ON APPLIED AND PURE SCIENCES
 ICAPS 2023 – Kelaniya
 Faculty of Science, University of Kelaniya, Sri Lanka
 13th October 2022



Track: Biological Sciences

10.15 am – 10.45 am Plenary Session - Dr. Christina Camara @ Faculty Boardroom, Faculty of Science, University of Kelaniya (UOK)

Morning Sessions – BS Track:
 10.45 am – 12.45 pm

Session ID: 01-01

Session Chair 1: Senior Prof. B. Jayawardena

Session Chair 2: Prof. C. S. K. Rajapakse

B1-Faculty Boardroom, Faculty of Science, UOK

Time	Abstract ID	Submission ID	Title	Authors
10.45 - 11.00 am	BO-02	8	Effect of farm management practices on the welfare of dairy cows and microbiological quality of raw milk in Naththandiya Area, Sri Lanka	A.B. Jayaweera, <u>P.U. Kamanee</u> , G.G. Senaratne and W.P.C.G. Weerasinghe*
11.00 - 11.15 am	BO-03	17	Preliminary studies of antioxidant and anti-inflammatory activities in methanol extracts of mistletoe (pilila) in guava.	<u>D.H. Tharakee</u> * and C.C. Kadigamuwa
11.15 - 11.30 am	BO-22	91	Abundance and microplastic characterization found in the mud crab <i>Scylla serrata</i> inhabiting Negombo Lagoon, Sri Lanka	<u>B.C.G. Dias</u> , A.A.D. Amarathunga*, D.S.M. De Silva, Dave Sivyer and M.D.S.R. Maddumage
11.30 - 11.45 am	BO-24	97	Microplastic contamination in selected commercial fish species in Negombo Lagoon, Sri Lanka	<u>A. Athukorala</u> , A.A.D. Amarathunga, D.S.M. De Silva*, Adil Bakir, Alex McGoran, Dave Sivyer, R.C.L. De Silva and S.R.C. Narangoda
11.45 - 12.00 noon	BO-29	109	Impact of extrusion cooking on nutrient composition of a composite flour mixture developed using local grain varieties	<u>T.P.S.S. Perera</u> , P. I. Godakumbura* and M.A.B. Prashantha
12.00 - 12.15 pm	BO-60	228	Evaluation of <i>Mimosa pudica</i> and <i>Mimosa pigra</i> as green manure for agricultural production	<u>F.F. Faiz</u> *, and A.A.L. Ratnatilleke
12.15 - 12.30 pm	BO-61	230	Investigation of in vitro antioxidant and alpha-amylase inhibitory activities of <i>Garcinia quaesita</i> Pierre fruit seed	<u>M.W.S. Hansagee</u> and M.J. Gunaratna*
12.30 - 12.45 pm	BO-62	233	Variation in total polyphenolic content, water soluble solid content, aroma and taste of Ceylon black teas of different climatic regions	<u>H.A.A. Chamodika</u> *, D.D.C de S. Wanniarachchi and L.W.S. Munasinghe



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Morning Sessions – BS Track: 10.45 am – 12.45 pm

Track: Biological Sciences

Session ID: 01-02

B1-343, Faculty of Science, UOK

Session Chair 1: Senior Prof. W.U. Chandrasekara

Session Chair 2: Dr. (Mrs.) H.A.C.C. Perera

Time	Abstract ID	Submission ID	Title	Authors
10.45 - 11.00 am	BO-01	7	A taxonomic survey of fireflies (Coleoptera: Lampyridae) in selected sites of Rammale Forest Reserve, Southern, Sri Lanka	<u>D. R. De Silva</u> , W. M. C. D. Wijekoon*, A. D. T. I. Madushanka, H. C. E. Wegiriya
11.00 - 11.15 am	BO-10	33	EFFECTS OF A COMMERCIAL PROBIOTIC INCORPORATED FEED ON GROWTH PERFORMANCE AND NUTRIENT DIGESTIBILITY OF FANCY GUPPY, <i>Poecilia reticulata</i> (Poeciliidae)	<u>D.S. Dissanayake*</u> , U.P.K. Epa and K.R.P.S. Kumara
11.15 - 11.30 am	BO-19	79	Incorporation of pumpkin, <i>Cucurbita maxima</i> (Cucurbitaceae) peel as a feed additive for the growth and color enhancement of Guppy, <i>Poecilia reticulata</i> (Poeciliidae)	<u>N. Cassim*</u> and U. P. K. Epa
11.30 - 11.45 am	BO-20	83	The effect of egg desiccation period on the hatching success, morphometrics of emerged larvae and F1 generation adults of <i>Aedes aegypti</i> and <i>Aedes albopictus</i> (Diptera: Culicidae)	<u>A.G.Y.G. Kumari*</u> , R. Dalpadado, D. Amarasinghe
11.45 - 12.00 noon	BO-37	137	Spatial Variations of Macroinvertebrate Assemblage Structure Along Paddy-Based Run-of-River Irrigation System: A case study from Colombo, Sri Lanka	<u>D.M.P.I. Dasanayaka*</u> and M.M.M. Najim
12.00 - 12.15 pm	BO-46	180	A Preliminary Assessment of Odonate (Insecta: Odonata) Diversity and Abundance in Mihintale Lake and Kaludiyapokuna in Mihintale, Anuradhapura	<u>K.A.T. Rajapaksha</u> and D.K. Hettiarachchi *



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Morning Sessions – BS Track: 10.45 am – 12.45 pm

Track: Biological Sciences Session ID: 01-03 B1-303, Faculty of Science, UOK					Session Chair 1: Prof. R.M.C.S. Ratnayake Session Chair 2: Dr. J. Dahanayake
Time	Abstract ID	Submission ID	Title	Authors	
10.45 - 11.00 am	BO-04	19	Identification of Plant Based Anti-Diabetic Drug Leads: A Computer-Based Drug Discovery Approach.	<u>S. H. Katipearachchi*</u> , M. Faizan, P. Kalansuriya and A. P. Attanayake	
11.00 - 11.15 am	BO-05	20	Assessment of level of public knowledge, attitude, and perception towards sustainable mangrove forest conservation: a case study from Negombo region, Sri Lanka.	<u>W.S.B. Wickramasingha*</u> , W. W. A. M. R. Perera, K. C. Kodithuwakku, K. V. N. T. De Silva, D. M. S. D. Karunaratne	
11.15 - 11.30 am	BO-17	68	Morphological and molecular identification of different morphotypes of <i>Suaeda maritima</i> from Puttalam district in Sri Lanka	<u>R. Jayasundara</u> , K. Siridewa, T. Neththipola, W.L. De Silva, D. Perera and R.N. Attanayake*	
11.30 - 11.45 am	BO-38	139	Changes in the composition and diversity of standing vegetation and soil seed bank in a lowland wet evergreen forest	<u>T.D. Imbuldeniya*</u> , M.T.R. Fernando	
11.45 - 12.00 noon	BO-41	150	Effects of climate change on early life history stages of selected montane forest species in Sri Lanka	<u>D. D. D. D. Gunawardana*</u> and M. T. R. Fernando	



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Morning Sessions – BS Track: 10.45 am – 12.45 pm

Track: Biological Sciences

Session ID: 01-04

B1-229, Faculty of Science, UOK

Session Chair 1: Prof. Renuka N. Attanayake

Session Chair 2: Dr. Thilina Fernando

Time	Abstract ID	Submission ID	Title	Authors
10.45 - 11.00 am	BO-09	25	Formulation of novel organic liquid fertilizer for growth enhancement of ornamental cactus: <i>Opuntia microdasys</i> (Lehm.) Pfeiff.	<u>R.M.T.K. Ranathunga</u> and R.M.C.S. Ratnayake*
11.00 - 11.15 am	BO-11	36	Optimizing growth conditions for vegetative propagation of Near Threatened (NT) epiphytic <i>Cactus Rhipsalis baccifera</i> sub sp. <i>Mauritiana</i> (DC.) Barthlott. (Cactaceae)	<u>S.G.M.S.D. Senanayaka</u> , R.M.C.S. Ratnayake*, R.A.S.P. and Senanayake, A.M.A.S. Attanayake
11.15 - 11.30 am	BO-14	47	The vegetation structure and floristic composition of tropical rainforest landscape, at Udakiruwa, Sri Lanka.	<u>U. D. L. Sanjeewa</u> *, I. D. Singhalage, G. A. D. Perera, P. E. Kaliyadasa, P. H. T. Kumara and E. P. S. K. Ediriweera
11.30 - 11.45 am	BO-26	104	Valorization of diaper waste into sustainable production of commercially grown <i>Pleurotus</i> spp. in Sri Lanka	<u>I. Y. Nawarathne</u> and D. A. Daranagama*
11.45 - 12.00 noon	BO-33	114	Impact of different biochar and urea fertilizer ratios on soil microbial activity, growth and physiological performances of rice (<i>Oryza sativa</i> L.)	<u>K. H. C. H. Kumara</u> *, M. H. U. Siriwardana, R. F. Hafeel, D. M. Withanawasam, K. M. C. Fernando, and D. L. Wathugala



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Morning Sessions – BS Track: 10.45 am – 12.45 pm

<p>Track: Biological Sciences Session ID: 01-05 B1-323, Faculty of Science, UOK</p>				
			<p>Session Chair 1: Dr. M. M. Gunawardane Session Chair 2: Dr. W. M. A. P. Halmillawewa</p>	
Time	Abstract ID	Submission ID	Title	Authors
10.45 - 11.00 am	BO-06	21	Zinc oxide nanoparticles synthesized using <i>Camonea bifida</i> leaf extract as a potential antimicrobial and antibiofilm agent	<u>C.N. Jayalath</u> , D.U. Kaluarachchi and M.M.K. Peiris*
11.00 - 11.15 am	BO-07	22	Biosynthesis of silver nanoparticles using <i>Camonea bifida</i> leaf extract and investigation of antimicrobial properties	<u>Y.R. Jayawardena</u> , J.Y. Senevirathna and M.M.K. Peiris*
11.15 - 11.30 am	BO-18	70	Low-cost media composition for increased laccase activity of wood decay fungi, <i>Phlebiopsis flavidoalba</i> and <i>Perenniporia tephropora</i>	<u>T.M.Y.H. Senavirathna</u> and R.N. Attanayake*
11.30 - 11.45 am	BO-42	153	Bioremediation potential of wood-associated fungi in Rajawaka forest reserve, Balangoda	<u>D. M. H. S. K. Nadungamuwa</u> , B. T. S. D. P. Kannangara* and D. A. Daranagama
11.45 - 12.00 noon	BO-50	194	Biosurfactant Production by Bacteria Isolated from Petroleum Contaminated Soil	<u>A.M.S. Sandeepani</u> * and I.V.N. Rathnayake
12.00 - 12.15 pm	BO-51	195	Characterization of Lipolytic Bacteria Isolated from Oil Mill Waste.	<u>P.P.C.M. Dias</u> * and I.V.N. Rathnayake
12.15 - 12.30 pm	BO-59	227	Antifungal activity of fresh fruit extract of <i>Garcinia quaesita</i> against <i>Fusarium proliferatum</i> causing crown rot disease in banana	<u>G. B. T. Lakmali</u> * and M. J. Gunaratna



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Evening Sessions – BS Track: 1.30 – 3.30 pm

<p style="text-align: center;">Track: Biological Sciences Session ID: 02-01 B1-Faculty Boardroom, Faculty of Science, UOK</p>				
			Session Chair 1: Prof. P. A. S. R. Wickramarachchi	
			Session Chair 2: Prof. A.M.T. Amarakoon	
Time	Abstract ID	Submission ID	Title	Authors
1.30 -1.45 pm	BO-36	126	Evaluation of <i>in vitro</i> antioxidant, anti-inflammatory activities and photoprotective properties of methanolic extracts of fruits, leaves and bark of <i>Flacourtia indica</i>	<u>D. M. S. T. Disanayake</u> * and C. S. K. Rajapakse
1.45 - 2.00 pm	BO-40	149	Antimicrobial activity of poly-herbal formula “Dasapanguwa” against several Gram’s positive bacteria and Gram’s negative bacteria	<u>G. A. Samaraweera</u> , V. H. N. M. Gunathilaka, M. A. S. N. Perera, P. D. V. M. Perera, N. D. A. Wageesha and C.C. Kadigamuwa
2.00 - 2.15 pm	BO-43	154	Evaluation of antioxidant and anti-inflammatory properties of leaves of <i>Impatiens repens</i>	<u>D. T. D. Silva</u> and A. M. D. M. B. Abeykoon*
2.15 - 2.30 pm	BO-45	168	Assessment of the antioxidant, anti-diabetic, and anti-obesity activities of a Sri Lankan "spice" mixture at different storage conditions used for treating obesity	<u>M. L. D. C. Jayawantha</u> , M. I. Manuha and P. A. Paranagama*
2.30 - 2.45 pm	BO-49	193	A comparative study of the nutritional, pharmaceutical and photoprotective properties of almond (<i>Prunus dulcis</i>) and tropical almond (<i>Terminalia catappa</i>) nuts	<u>G. M. Panditharathna</u> * and C. S. K. Rajapakse
2.45 -3.00 pm	BO-52	202	Profiling of phytochemical composition and potential bioactive compounds in <i>Calotropis gigantea</i>	<u>P.K.R.S. Kumari</u> and E.M.R.K.B. Edirisinghe*
3.00 - 3.15 pm	BO-56	220	Preliminary study of anti-inflammatory action of Sri Lankan “Dasapanguwa”	<u>M.D.I.H. Seneviratne</u> and C.C. Kadigamuwa*



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Evening Sessions – BS Track: 1.30 – 3.30 pm

Track: Biological Sciences				
Session ID: O2-02				
B1-343, Faculty of Science, UOK				
			Session Chair 1: Prof. D. S. M. De Silva	
			Session Chair 2: Dr. Sumudu Mapa	
Time	Abstract ID	Submission ID	Title	Authors
1.30 -1.45 pm	BO-15	63	Degradability of biodegradable polymers in freshwater, and sediment under laboratory conditions	<u>D.S. Wijetunge</u> , R.R.M.K.P. Ranatunga* and P.M. Manage
1.45 - 2.00 pm	BO-32	112	Levels of Naphthalene and Phenanthrene in seawater along the coastal belt from Colombo to Mirissa in Sri Lanka.	<u>K. E. P. Mallikarachchi</u> , K. R. V. Bandara and P. M. Manage
2.00 - 2.15 pm	BO-39	147	Imposex in the Gastropod, <i>Thias Clavigera</i> as a Sensitive Biomarker for Tributyltin (TBT) Pollution	<u>K.R.V. Bandara</u> and P.M. Manage
2.15 - 2.30 pm	BO-54	215	Distribution of heavy metals across different tissue types in <i>Etroplus suratensis</i> from Mahakanadarawa reservoir: Investigating dietary implications for CKDu in Sri Lanka	<u>P. L. R. A. Perera</u> *, W. P. R. T. Perera, U. P. Liyanage, W. A. P. J. Premaratne and J. A. Liyanage
2.30 - 2.45 pm	BO-55	219	Assessment of contaminant levels of hazardous toxic metals and subsequent risk analysis in agricultural soil and selected comestibles within a region afflicted by CKDu in Sri Lanka	<u>M.A.S.N. Perera</u> , C.C. Kadigamuwa*, V.H.N.M. Gunathilaka, G.A. Samaraweera, W. P. R. T. Perera, P. L. R. A. Perera, J. A. Liyanage and W.A.P.J. Premaratne
2.45 -3.00 pm	BO-63	237	Detection of microcystins (cyanotoxin) in selected drinking water wells in the Gampaha district, Sri Lanka	<u>S. P. A. Sinhapitiya</u> , H. M. Herath, W. M. S. N. Bandara, A. U. Rajapaksha, M. S. Vithanage, D. N. Magana-Arachchi, R. P. Wanigatunge*



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Evening Sessions - BS Track: 1.30 – 3.30 pm

Track: Biological Sciences				
Session ID: 02-03				
B1-303, Faculty of Science, UOK				
			Session Chair 1: Prof. (Mrs.) W. M. D. N. Wijeyaratne	
			Session Chair 2: Dr. R.C.L. De Silva	
Time	Abstract ID	Submission ID	Title	Authors
1.30 -1.45 pm	BO-08	24	Assessment of water quality and pollution state using selected physicochemical parameters and bioindicators in “Modi canal” Galle	<u>U.V.D.H. Perera*</u> and W. A. H. P. Guruge
1.45 - 2.00 pm	BO-13	46	Analysis of groundwater used in areas beyond the National Water Board distribution network in Ratnapura.	<u>K. K. A. D. A. Karunasena</u> , D. S. M. de Silva* and N. M. Hakmanage
2.00 - 2.15 pm	BO-16	67	Modeling the urban growth and land use changes in Vavuniya, Sri Lanka, using GIS	<u>T.D.S. Ariyaratna*</u> , K. Reinurshan, M. Hazeema, W.S.B. Wickramasinghe and V.P.A. Weerasinghe
2.15 - 2.30 pm	BO-21	84	Comparative Effect of Nanoparticles of Silver, Europium Doped ZnO and CaF ₂ on <i>Aedes aegypti</i> and <i>Daphnia magna</i>	<u>G.D.S.S. Kumarasinghe*</u> , L.D. Amarasinghe and C.R. De Silva
2.30 - 2.45 pm	BO-25	98	Analysis of the Spatial Relationship between Land Surface Temperature and Vegetation Cover in Gampaha District, Sri Lanka	<u>A.B.C.I. Amarasooriya</u> , R.M.C.S. Ratnayake and W. de Silva*
2.45 -3.00 pm	BO-27	106	Soil erosion and sediment yield estimation using GIS-based RUSLE model in Attanagalu Oya watershed, Sri Lanka	<u>W. R. A. J. W. Rathnayaka*</u> and V. P. A. Weerasinghe
3.00 -3.15 pm	BO-28	107	Effects of paddy cultivation on the water and sediment quality of drainage canals of an anicut scheme, Sri Lanka	<u>S.P.Y.B. Pathirana*</u> and M.M.M. Najim
3.15 -3.30 pm	BO-44	167	Assessment of heavy metals in oysters (<i>Crassostrea cucullata</i>), sediments, and water in selected locations of Negombo estuary	<u>N. S. Premananda</u> , Y. L. N. M. Arachchige*, C. K. Hemachandra



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Evening Sessions – BS Track: 1.30 – 3.30 pm

Track: Biological Sciences					Session Chair 1: Prof. Sameera R Samarakoon
Session ID: 02-04					Session Chair 2: Dr. Tharindra Weerakoon
B1-229, Faculty of Science, UOK					
Time	Abstract ID	Submission ID	Title	Authors	
1.30 -1.45 pm	BO-23	96	Assessment of litter and microplastic pollution in the water and sediment of Hirikatuoya stream, within the Walawe river basin, Sri Lanka.	A.A.S. Lahiru, A. A. D. Amarathunga*, S. Malavipathirana, D.S.M. De Silva, D. Sivyer	
1.45 - 2.00 pm	BO-30	110	Microplastics in selected offshore pelagic fish in Indian Ocean	N.K.D.M.P. Jayarathna*, C.N. Walpita, A.A.D. Amarathunga , D.S.M. De Silva and D. Sivyer	
2.00 - 2.15 pm	BO-31	111	Effectiveness of banana leaves and coconut coir as substrates for <i>Pleurotus ostreatus</i> cultivation: A perspective of nutritional and antioxidant properties	J.M. Anandappa and G.S.G Liyanage*	
2.15 - 2.30 pm	BO-34	118	Fluorescence-activated cell sorting analysis of yEGFP expression in transgenic <i>Pichia pastoris</i> with reconstituted RNAi	C.S. Dharmarathna*, R.S. Dassanayake, Y.I.N.S. Gunawardena and C. Hettiarachchi	
2.30 - 2.45 pm	BO-57	225	Characterization of adsorption properties of Naturally Occurring Clay Deposits in Mannar District to Remove of Lead and Cadmium from Aquatic Systems	D.K. Chandrasiri*, C.C. Kadigamuwa	
2.45 -3.00 pm	BO-60	226	<i>Pueraria phaseoloides</i> and <i>Croton laccifer</i> as sources for green manure formulations in Sri Lanka	H.M. Gammudaly* and A.A.L. Ratnatilleke	



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Evening Sessions – BS Track: 1.30 – 3.30 pm

Track: Biological Sciences Session ID: 02-05 B1-323, Faculty of Science, UOK				
			Session Chair 1: Senior Prof. (Mrs.) L.D. Amarasinghe	
			Session Chair 2: Prof. U.P.K. Epa	
Time	Abstract ID	Submission ID	Title	Authors
1.30 -1.45 pm	BO-12	39	Analyses of Biometric Growth Parameters and Feeding Habits of <i>Mugil cephalus</i> (Flathead mullet): One of the Economically Important Fish Species Collected from Negombo Lagoon	<u>N.T.P. Nimasha</u> and H.A.C.C. Perera*
1.45 - 2.00 pm	BO-35	124	Studying the associations in between Myeloperoxidase levels in neutrophils and Mean Cell Hemoglobin Concentration in varying hemoglobin concentrations of patients attending Haematology Clinic, Colombo North Teaching Hospital, Ragama, Sri Lanka	M. U. A. Peiris*, <u>P. W. W. M. S. D. Wickramasinghe</u> , R. Tudugala, Y. Costa, and D. U. Kottahachchi
2.00 - 2.15 pm	BO-47	187	Effect of Dietary Supplementation of Probiotic and Ascorbic on the Growth, Survival, Hematological Parameters, and Enhancement of Resistance to Bacterial Infections in Nile Tilapia, (<i>Oreochromis niloticus</i>)	<u>A.G.C. Nethmini</u> *, M.G.I.S. Parakrama, A.D.W.R. Rajapakshe and R. Weerasinghe
2.15 - 2.30 pm	BO-48	191	Effect of almond-based diet, on the growth performance and selected hematological parameters of Nile tilapia (<i>Oreochromis niloticus</i>) fingerlings.	<u>M.P.P. Gunawardana</u> *, M.G.I.S Parakrama, A.D.W.R Rajapakshe and R. Weerasinghe
2.30 - 2.45 pm	BO-53	208	The Effect of Bisphenol A and Its Analogue, Bisphenol S on Stress Response of Developing Zebrafish (<i>Danio rerio</i>)	<u>K.P.W.D. Shanika</u> and G. Rajapaksa*
2.45 -3.00 pm	BO-64	80	Analyses of biometric parameters, feeding habit, and fisheries aspects of Spotted Sardinella (<i>Amblygaster sirm</i>) occurring along the Negombo coastal waters of Sri Lanka	W.M.N.S. Wijesooriya, <u>R.P.P. Ratnayake</u> and H.A.C.C.Perera*



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Poster Sessions

Session ID: P-01

B2-201, Faculty of Science, UOK

Session Chair 1: Dr. (Ms.) Thelma Abeysinghe

Session Chair 2: Dr. (Ms.) Sumudu Mapa

Time	Abstract ID	Submission ID	Title	Authors
11.00 – 11.10 am	BP-03	61	A pilot study on quality parameters of commercially available black tea in Sri Lanka	<u>N.G.L.H.E. Amamadhu</u> and A.M.T. Amarakoon
11.10 – 11.20 am	BP-04	69	In silico comparison of hypocholesterolemic effect of orally administered phytochemicals from five different plants on humans	<u>F.B.S. Ameer</u> and W.M.T.D.N. Weerakoon
11.20 – 11.30 am	BP-06	105	PRELIMINARY STUDY OF ANTIOXIDANT AND ANTI-INFLAMMATORY PROPERTIES OF MISTLETOE (<i>Dendrophthoe falcata</i>) ON MANGO HOST PLANT (<i>Mangifera indica</i>)	<u>M.T.F. Raseena</u> and C.C. Kadigamuwa
11.30 – 11.40 am	BP-09	125	Analysis of phytochemicals and antioxidant properties of <i>Dendrophthoe falcata</i> and <i>Mangifera indica</i> plant leaf extracts	<u>M.G.T.N. Karunarathna</u> and C.C. Kadigamuwa
11.40 – 11.50 am	BP-12	44	Impact of threshing, blanching, and drying on piperine content in "black pepper" (<i>Piper nigrum</i> L.)	<u>H.M.R.P. Lakmali</u> , T. Liyanage, H.M.P.A. Subasinghe and J.P. Kirthisinghe



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Poster Sessions

Session ID: P-03

B2-201, Faculty of Science, UOK

Session Chair 1: Dr. Induni Siriwardene

Session Chair 2: Ms. Priyangi Edirisinghe

Time	Abstract ID	Submission ID	Title	Authors
14.30 – 14.40 pm	BP- 01	9	Determination of <i>Staphylococcus</i> spp. present as contaminants on Public Door Handles of an Institute and analysis of their antibiogram	<u>M.P.P.M. Pathirana</u> W.A.S. Danushka, N.N. Athukorala, D.M.M.P. Niroshan, A. Kaluaddaraarachchi, R.K.A.B. Nayanathara and P.D.V.M. Perera
14.40 – 14.50 pm	BP-02	35	Investigation of a suitable formulation for <i>Trichoderma harzianum</i> in different compositions of solid carrier materials at two temperatures	<u>N. N. Kalpani</u> , B. T. S. D. P. Kannangara and R.M.C.S. Ratnayake
14.50 – 15.00 pm	BP-05	88	Sea moss as an alternative gelling agent to develop a cost-effective in vitro culture medium for the propagation of Phalaenopsis cv. Pink lip	<u>D.T. Wishwakulathilaka</u> , A.I.S. Priyadarshan, S.P. Senanayake and G.B.T. Lakmali
15.00 – 15.10 pm	BP-07	115	Comparison of total chlorophyll, carotene and phenolic contents between species/varieties of Sri Lankan green leafy vegetables <i>Sesbania grandiflora</i> , <i>Centella asiatica</i> and <i>Ipomea aquatica</i>	<u>L.W. Dahanayaka</u> , C.C. Kadigamuwa and S.T. Mapa
15.10 – 15.20 pm	BP-08	119	Sea mosses as an alternative solidifying agent for in vitro micropropagation of Dendrobium cv. "Big Jumbo White"	<u>G.B.T. Lakmali</u> , A.I.S. Priyadarshan, R.A.S.P. Senanayake
15.20 – 15.30 pm	BP-10	148	Assessment of phenolics in selected Phalaenopsis cultivars	<u>J.A.T. Tikirikumari</u> , Y.K.D.D. Thathsarani and R.A.S.P. Senanayake
15.30 – 15.40 pm	BP-11	232	Inhibition of discoloration of fruit and vegetable juices by coconut paring residual extract	<u>M.W.N.H. Mettananda</u> , N. Jayathilaka, N.A.K.P.J. Seneviratne