



Fourth International Symposium on Agriculture 2025 (ISA 2025)
“Innovative Approaches to Modernize Agriculture for Food Security”



Faculty of Agriculture, Eastern University Sri Lanka

ISA_2025_46 Virtual	CONSUMER PREFERENCE FOR STREET FOODS IN COLOMBO DS DIVISION, SRI LANKA H.G.V. Shandhi, A.L.S. Wijesinghe, W.M.C.D. Wijesinghe, and S. H. P. Malkanthi	12.10 p.m. - 12.20 p.m.
ISA_2025_56 Virtual	MARKET POTENTIAL FOR TARO-BASED COOKIES IN KURUNEGALA DISTRICT M.N.U. Gunathilaka, I.F. Nifasa, P. Saranya, S.H.P. Malkanthi and U.V.E. Sasanka	12.20 p.m. - 12.30 p.m.
ISA_2025_57 Virtual	CONSUMER AWARENESS ON FOOD QUALITY STANDARDS OF PACKAGED FOOD PRODUCTS: A COMPARATIVE STUDY AMONG X, Y, AND Z GENERATIONS IN SABARAGAMUWA PROVINCE, SRI LANKA. G.H.M.N.D. Karunarathna, M.S.R. Samarakoon, and V. Aravinth	12.30 p.m. - 12.40 p.m.
ISA_2025_69 Virtual	IMPACT OF SPRINKLER IRRIGATION ON YIELD AND CULTIVATION COSTS IN GROUNDNUT AND JUMBO PEANUT FARMING IN KILINOCHCHI DISTRICT T. Lathusha, K. Sooriyakumar, S. Sivashankar, and S. Sarujan	12.40 p.m. - 12.50 p.m.
ISA_2025_77 Virtual	EXPLORING SRI LANKAN CONSUMERS' LEVEL OF AWARENESS AND WILLINGNESS TO PAY FOR CULTURED MEAT: A STUDY IN WESTERN PROVINCE, SRI LANKA W.M.M.G.S.N. Rajapaksha, D.S.S. Jayasooriya, R.S.W.B.M.T. Gamage and U.B.E. Sasanka	12.50 p.m. - 13.00 p.m.
LUNCH BREAK		01.00 p.m. - 01.30 p.m.
ISA_2025_99 Virtual	ASSESSMENT OF CROPPING SYSTEMS AND THEIR CHALLENGES IN THE DRY ZONE: A CASE STUDY FROM KINNIYA, TRINCOMALEE DISTRICT, SRI LANKA M.S.M. Issath, K. Jeyavanan and T. Sivananthawerl	01.30 p.m. - 01.40 p.m.



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Faculty of Agriculture, Eastern University Sri Lanka

Technical Session: Agricultural Economics and Extension - Session II		
Member of Technical Session: Ms. Thevasena Vijayakumar		
Contact No: 0775063946		Email: thevasena19@gmail.com
Meeting Link: https://learn.zoom.us/j/92055335930?pwd=NmQTiqK4izIqoKHu6s9JEXiBt0n7iU.1		
Meeting ID: 920 5533 5930		Passcode: ISAag@2025
Abstract Id	Title and Authors	Time
Oral Presentation		
ISA_2025_54 Virtual	EXPLORING THE DEMAND FOR HOME-COOKED MEAL DELIVERY SERVICES IN URBAN SRI LANKA: INSIGHTS FROM THE KADUWELA DS DIVISION H.P.T. Perera, R.D.C. Prabuddhika and M.G.I. Sewwandi	01.40 p.m. - 01.50 p.m.
ISA_2025_76 Virtual	CONSUMER AWARENESS AND WILLINGNESS TO PAY MORE FOR ECO-FRIENDLY PACKAGING: A STUDY IN WESTERN PROVINCE, SRI LANKA A.P.G. Y. Dias, A.E.P. Veenavi P.G.A.S. Nawarathna and U.B.E. Sasanka	01.50 p.m. - 02.00 p.m.
ISA_2025_105 Virtual	ASSESSING THE PRACTICAL APPLICATION OF AGRICULTURAL EXTENSION KNOWLEDGE BY AGRICULTURAL UNDERGRADUATES AT SABARAGAMUWA UNIVERSITY OF SRI LANKA N.W.J.V. Hansika, K.M.K. Madusani, R.M.K.D. Rathnayake, N.M.H.I. Nayakarathne	02.00 p.m. - 02.10 p.m.
ISA_2025_53 Virtual	KEY DRIVERS AND IMPACTS OF PART-TIME EMPLOYMENT AMONG UNIVERSITY UNDERGRADUATES IN SRI LANKA Y.G.R.N.M. Jayaweera, D.M.D.I. Prabodhanie, and L.G.S.M. Sathsarani	02.10 p.m. - 02.20 p.m.
ISA_2025_79 Virtual	KNOWLEDGE, ATTITUDE, AND PRACTICES ON DISPOSAL OF USED SHARP WASTE IN HOME SETTINGS AMONG INSULIN SELF-INJECTING DIABETIC PATIENTS ATTENDING THE CLINICS AT TEACHING HOSPITAL BATTICALOA, SRI LANKA. W.P.A. Karunarathna, M.S.M. Anas, B.M.C.N. Basnayaka and S. Shanmukanathan	02.20 p.m. - 02.30 p.m.
Poster Presentation		



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ISA_2025_23 Virtual	ASSESSING THE ALTERNATIVE LIVELIHOOD OPTIONS PRACTICED BY THE RELOCATED AGRICULTURAL VICTIMS IN THE WET ZONE OF SRI LANKA M.W.K.K. Dilrukshi	02.30 p.m. - 02.35 p.m.
ISA_2025_44 Virtual	CONSUMER PREFERENCE FOR HEALTHY PALMYRAH PRODUCTS IN NON- PALMYRAH PRODUCING AREAS IN SRI LANKA: A CASE STUDY IN WESTERN PROVINCE, SRI LANKA A. Kurinchimalar, J. Sathana, A. Dilaiksana and U.B.E. Sasanka	02.35 p.m. - 02.40 p.m.
ISA_2025_45 Virtual	EXPLORING THE CONSUMER BUYING BEHAVIORS TOWARDS INSTANT FOOD PRODUCTS IN RATNAPURA DISTRICT, SRI LANKA K.R. Dilhni, P.H.A.S.K. Dilrukshi, R.P.H.R. Sewwandi and S.H.P. Malkanthi	02.40 p.m. - 02.45 p.m.
ISA_2025_73 Virtual	PREFERENCE FOR PLANT-BASED MEAT ALTERNATIVES AMONG VEGETARIANS AND VEGANS IN SRI LANKA: A CASE STUDY IN KANDY DISTRICT. P.S.M.S. Gunasekara, W.M.H.N. Jayasooriya, U.K. Srimali and U.B.E. Sasanka	02.45 p.m. - 02.50 p.m.
ISA_2025_92 Virtual	OPPORTUNITIES AND CHALLENGES IN CINNAMON (<i>Cinnamomum zeylanicum</i> Blume) CULTIVATION IN HAKMANA DS DIVISION H.A. Dinusha Madushani, and Krishnal Thirumarpan	02.50 p.m. - 02.55 p.m.
ISA_2025_118 Virtual	FACTORS AFFECTING THE SUCCESSES AND FAILURE OF SMALL AND MEDIUM SCALE ENTERPRISES (SMEs) IN SRI LANKA: CASE STUDY IN MATARA DISTRICT	02.55 p.m. - 03.00 p.m.



Fourth International Symposium on Agriculture 2025 (ISA 2025)
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Faculty of Agriculture, Eastern University Sri Lanka

Venue: Laboratory, Department of Crop Science, Faculty of Agriculture, EUSL

Date: 06.03.2025

Time: 11.30 a.m. - 03.05 p.m.

Technical Session: Crop Production and Biodiversity Conservation - Session I		
Track Coordinator: Ms. A. A. N. K. Abesekara		
Contact No: 0702315563		Email: nathasha.abesekara@gmail.com
Zoom Link: https://learn.zoom.us/j/99275381766?pwd=bCZPaV2sPw2qDd7Ajgzx17bzuLVaeT.1		
Meeting ID: 992 7538 1766		Passcode: D^znUe9G
Abstract ID	Title and Authors	Time
Oral Presentation		
ISA_2025_12 Physical	SELECTION OF THE OPTIMAL STEM CUTTING TYPE FOR PRODUCING HIGH QUALITY PLANTING MATERIAL IN BETEL (<i>Piper betle</i> L.) R.M.M.L. Rathnayake, H.M.P.A. Subasinghe, R.M. Fonseka and T. Sivananthawerl	11.30 a.m. - 11.40 a.m.
ISA_2025_27 Virtual	EXPLORING THE HIDDEN DIVERSITY OF FRESHWATER HYPHOMYCETES IN LENTIC FRESHWATER HABITATS IN ANURADHAPURA DISTRICT, SRI LANKA S.D.M.K. Wimalasena, N.N. Wijayawardene, T.C. Bamunuarachchige, T.N. Withana, R.G. Udeni Jayalal, D.J. Bhat, T.M. Dawoud, H.K.S. de Zoysa, Dong-Qin Dai	11.40 a.m. - 11.50 a.m.
ISA_2025_10 Virtual	EVALUATING THE POTENTIAL OF ORGANIC FOLIAR SPRAYS ON GROWTH AND YIELD OF BRINJAL (<i>Solanum melongena</i> L.) UNDER INTEGRATED PLANT NUTRIENT MANAGEMENT K Kajeewan, A F Imthath Ahamed and N Gnanavelrajah, A Amirthalojanan and S Sivanesan	11.50 a.m. - 12.00 p.m.



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ISA_2025_11 Virtual	NOSTOC GROWN IN PARBOILED EFFLUENT AS A BIOFERTILIZER IN COMBINATION WITH INORGANIC FERTILIZERS FOR PADDY CULTIVATION IN THE DRY ZONE OF SRI LANKA A.M.C. Jayawardhana, N. Gnanavelrajah, S. Sivaneson and A. Ponnegipprethiraraja	12.00 p.m. - 12.10 p.m.
ISA_2025_115 Virtual	THE IMPACT OF ADVERSE WEATHER CONDITIONS ON TEA YIELD IN THE LOW COUNTRY WET ZONE OF SRI LANKA. I.L.G. Rathnayake , S.M.W. Senevirathna and D.V.D. Hemalika	12.10 p.m. - 12.20 p.m.
ISA_2025_124 Virtual	SELECT THE BEST PERFORMANCE OF STRAWBERRY VARIETY (<i>Fragaria ananassa</i>) UNDER AEROPONIC CULTIVATION SYSTEM Dilrukshi D.G.D.S.P.	12.20 p.m. - 12.30 p.m.
ISA_2025_16 Virtual	EFFECT OF CYANOBACTERIA BIOFERTILIZER ON GROWTH AND YIELD OF HYDROPONICS LETTUCE Raman Rushanthi, Nalina Gnanavelrajah and Renuka Ratnayake	12.30 p.m. - 12.40 p.m.
ISA_2025_18 Virtual	ASSESSING GROWTH PERFORMANCE OF WATERMELON (<i>Citrullus lanatus</i>) AGAINST BIOFERTILIZER ENRICHED WITH AZOLLA AS AN ENHANCER OF NITROGEN CONTENT Borala Liyanage D. Deepali, M.I.S. Safeena	12.40 p.m. - 12.50 p.m.
ISA_2025_93 Virtual	MITIGATING TRANSPLANTING SHOCK IN RICE (<i>Oryza sativa</i>): EVALUATING ORGANIC COMPOST MEDIA IN MODIFIED DAPOG NURSERIES M.G. Pathirana, H.M.A.S.B. Jayasinghe	12.50 p.m. - 01.00 p.m.
LUNCH BREAK		01.00 p.m. - 01.30 p.m.



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ISA_2025_20 Virtual	IMPACT OF DIFFERENT POTTING MEDIA ON GROWTH, YIELD AND QUALITY PERFORMANCE OF LUFFA (<i>Luffa acutangula</i>) UNDER SHADE NET CONDITION S. Ladsika, L. Pradheeban, K. Thanusan	02.10 p.m. - 02.20 p.m.
ISA_2025_32 Virtual	HIGH-DENSITY PLANTING IN COTTON: NANO NUTRIENTS FOR MAXIMUM GROWTH AND YIELD Elango Mahachandramuki, Kanthan Thirukumaran, Paneerselavam Parasuraman	02.20 p.m. - 02.30 p.m.
ISA_2025_48 Virtual	ORGANIC COTTON PRODUCTION: ANALYZING THE IMPACT OF ORGANIC MANURES ON GROWTH, YIELD AND PROFITABILITY Kanthan Thirukumaran, Elango Mahachandramuki, Kadapillai Nagarajan, Vaddi Saitheja, Ramasamy Karthikeyan, Pannerselvam Parasuraman	02.30 p.m. - 02.40 p.m.
Poster Presentation		
ISA_2025_91 Virtual	ECOSYSTEM-BASED APPROACHES (EBAs) FOR SUSTAINABLE COASTAL ZONE MANAGEMENT TO COMBAT CLIMATE CHANGE AND HUMAN IMPACT K. Keerthana, W.M.A.T. Wanninayaka, H.M.R. Nimeshika, B.K.A. Bellanthudawa, S. Sandamal	02.40 p.m. - 02.45 p.m.
ISA_2025_123 Virtual	EVALUATION OF PERFORMANCE OF SELECTED TRADITIONAL RICE VARIETIES UNDER ORGANIC FARMING. Jayasena R.M.N.M, Somarathna W.G.R.S, Thanusan S, and Vinujan S,	02.45 p.m. – 02.50 p.m.
ISA_2025_160 Virtual	CLIMATE CHANGE IMPACT ON ADAPTIVE TRAITS OF SRI LANKAN WILD RICE (<i>Oryza rufipogon</i> AND <i>O. nivara</i>) Parakkrama Wijerathna, Salinda Sandamal, Disna Ratnasekera	02.50 p.m. - 02.55 p.m.



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ISA_2025_24 Virtual	EFFECT OF DIFFERENT WEED MANAGEMENT PRACTICES ON MACHINE -TRANSPLANTED RICE J.Vijayakumari and S.Sivaneson	02.55 p.m. - 03.00 p.m.
ISA_2025_04 Virtual	EFFECT OF DIFFERENT TYPE OF FERTILIZERS ON GROWTH AND YIELD OF OKRA (<i>Abelmoschus esculentus</i> L.), KILINCHCHI, SRI LANKA G.K.T. Rathnasoma, S.J. Arasakesary, and Pakeerathan, K	03.00 p.m. - 03.05 p.m.



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Faculty of Agriculture, Eastern University Sri Lanka

Venue: Laboratory, Department of Agricultural Biology, Faculty of Agriculture, EUSL.

Date: 06.03.2025

Time: 11.30 a.m. - 01.50 p.m.

Technical Session: Crop Protection and Biotechnology		
Track Coordinator: Ms. K.S.F. Sabira		
Contact No: 0768006675		Email: sabirazamaan13@gmail.com
Zoom Link: https://learn.zoom.us/j/92259332387?pwd=ZnbyJS563xbSE73FbPYtcAZmSaqhZn.1		
Meeting ID: 922 5933 2387		Passcode: Cpbt@2025
Abstract ID	Title and Authors	Time
Oral Presentation		
ISA_2025_129 Physical	MOLECULAR IDENTIFICATION OF <i>Rhinacanthus</i> species USING COMBINED CHLOROPLAST DNA MARKERS S. Kasthuri, G. A. W. Sam Antony, T. Divarjitha and T. Thayalini	11.30 a.m. - 11.40 a.m.
ISA_2025_75 Virtual	BIOPLASTIC DEVELOPMENT FROM WATER HYACINTH AND CANNA: A CONSERVATION AND RESOURCE STRATEGY Jayasinghe I.C, Marasinghe M.M.N.C, Lakmali T.H.S, Chiranga M.J	11.40 a.m. - 11.50 a.m.
ISA_2025_82 Virtual	INDEXED-BASED APPROACH ON MARINE DEBRIS POLLUTION IN FOUR MAIN COASTAL REGIONS OF SRI LANKA H.P.A. Rupasinghe, I.J.J.U.N. Perera, R.D.C. Sandaruwan, H.P.S. Jayapala, B.K.A. Bellanthudawa, and Asanka Tennakoon	11.50 a.m. - 12.00 p.m.



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ISA_2025_35 Virtual	NANO-BASED FORMULATION OF <i>Acorus calamus</i> RHIZOME EXTRACT AND ITS IN VITRO EFFICACY ON CONTROL OF <i>Fusarium</i> Fungus A. Fathima Aska and K. Prasannath	12.00 p.m. - 12.10 p.m.
ISA_2025_59 Virtual	EVALUATION OF BLENDED ATTRACTANTS COMBINED WITH CUE LURE FOR SUPPRESSING MELON FLIES, (<i>Zeugodacus cucurbitae</i> : Diptera: Tephritidae) IN CUCURBITS. P.V.J.S. Wijethilake, P.H. Ranaweera, M.I. Sriwardana and R.F. Niranjana	12.10 p.m. - 12.20 p.m.
ISA_2025_68 Virtual	EFFECT OF METHYL JASMONATE ON AGARWOOD PRODUCTION FROM SHOOT CULTURE OF <i>Gyrinops walla</i> A.M. Dinithi Charuni Aththanayake, J.P. Eeswara and G. Thirukkumaran	12.20 p.m. - 12.30 p.m.
ISA_2025_81 Virtual	EFFECT OF DIFFERENT CROP ESTABLISHMENT METHODS ON THE ABUNDANCE OF RICE THRIPS, RICE LEAF FOLDER, AND RICE BROWN PLANTHOPPER IN THE Bg 352 RICE VARIETY M.P.H.K. Jayaweera, S.R. Sarathchandra, K.S. Hemachandra, K.S. Sandadevani, L.B.T. Dilanka	12.30 p.m. - 12.40 p.m.
ISA_2025_132 Virtual	PLANT-EXTRACT DERIVED NANOEMULSIONS AS POTENTIAL BIO-FUNGICIDES FOR STRAWBERRY GRAY MOLD PATHOGEN UNDER IN-VITRO CONDITION R.M.I.K. Rathnayake, A.D.N.T. Kumara and C.Ranasinghe	12.40 p.m. - 12.50 p.m.
ISA_2025_159 Virtual	INFLUENCE OF LIGHT COLOR ON THE GROWTH OF IN-VITRO PROPAGATED BANANA (<i>Musa</i> spp.) PLANTLETS K.A.H. Nethmini Kuruwita, D.M.C.C. Gunathilake, H Rohanadeera and D.M.H.C. Dissanayake	12.50 p.m. - 01.00 p.m.
LUNCH BREAK		01.00 p.m. - 01.30 p.m.



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Poster Presentation		
ISA_2025_80 Virtual	EVALUATION OF VARIOUS SUBSTRATES FOR MASS PRODUCTION OF <i>Metarhizium</i> sp. AND ITS BIO EFFICACY AGAINST WHITE GRUBS IN TEA CULTIVATION M.S.T. Dulangi ¹ , R.F. Niranjana, N.A.I.M. Nissanka, and R.D.P.D. Senanayake	01.30 p.m. - 01.35 p.m.
ISA_2025_147 Virtual	ANTIFUNGAL ACTIVITY OF SOME NATURAL PLANT EXTRACTS AGAINST CAUSAL AGENT OF ANTHRACNOSE DISEASE OF TOMATO FRUITS R. M. A. Jeyawardhana, and A. Vengadaramana	01.35 p.m. – 01.40 p.m.
ISA_2025_134 Virtual	EFFECT OF ENDOPHYTIC FUNGI ON THE DEVELOPMENT OF TOMATO SEEDLINGS Francesco Dovana and Marco Mucciarelli	01.40 p.m. – 01.45 p.m.
ISA_2025_49 Physical	INFLUENCE OF WEATHER PARAMETERS ON THE BROWN PLANTHOPPER (<i>Nilaparvata lugens</i>) INCIDENCES IN SRI LANKA S.R. Sarathchandra, T.A. Kamiss, A. Abeysekara, M.P.H.K. Jayaweera, L.B.T. Dilanka, K.S. Sandadevani	01.45 p.m. – 01.50 p.m.



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Faculty of Agriculture, Eastern University Sri Lanka

Venue: IT Unit, Faculty of Agriculture, Eastern University, Sri Lanka.

Date: 06.03.2025

Time: 11.30 a.m. – 12.45 p.m.

Technical Session: Digital and Climate Smart Agriculture - Session I		
Track coordinator: Ms. A. Kavunthini		
Contact No: 0771477207		Email: kavunthacrc@gmail.com
Zoom Link: https://learn.zoom.us/j/93815957853?pwd=g8Pte4yUAcEPIsAWBd98tDIQlrWlil.1		
Meeting ID: 938 1595 7853		Passcode:
Abstract ID	Title and Authors	Time
Oral Presentation		
ISA_2025_60 Virtual	OPTIMIZING CROP SELECTION USING XGBOOST: A DATA DRIVEN APPROACH FOR CROP RECOMMENDATION M.S.H. Peiris and W.M.H.G.T.C.K. Weerakoon	11.30-11.40 am
ISA_2025_102 Virtual	LEVERAGING SMART TECHNOLOGIES AND CONSERVATION AGRICULTURAL PRACTICES FOR SUSTAINABLE FOOD SECURITY: A SYSTEMATIC REVIEW Jayathilaka MADK , Ukwatte TS, Jayasinghe GY	11.40 am- 11.50 am
ISA_2025_106 Virtual	HIGH-THROUGHPUT PHENOTYPING FOR IN-SEASON MAIZE PLANT HEIGHT PREDICTION USING UAV-BASED MULTISPECTRAL IMAGING AND MACHINE LEARNING IN BREEDING AND PRECISION AGRICULTURE Prasanna T.L.J. , De Silva S.H.N.P., Ariyaratne M.,	11.50 am- 12.00 pm



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	Rathnayake K.M.K.I., Chandana R.A.M. , Ayesha S.W.R.A.P., Herath S., Marambe B.	
ISA_2025_165 Virtual	ESTIMATING THE TEA LEAF YIELD CANOPY USING REMOTE SENSE BASED VEGETATION INDICES Praveen. B , Delina. P.J.E	12.00 pm- 12.10 pm
ISA_2025_13 Virtual	SPATIAL DISTRIBUTION OF SOIL MICROBIAL BIOMASS CARBON IN CHENA CULTIVATION SYSTEMS IN MIHINTALE, SRI LANKA M. Rammiya , W.D.U. Premarathna, G.A.D. Perera, R.R. Ratnayake	12.10 pm- 12.20 pm
ISA_2025_14 Virtual	SPATIAL DISTRIBUTION OF SOIL MICROBIAL BIOMASS CARBON AND SOIL AVAILABLE MACRONUTRIENTS IN KATUPOTHA DRY ZONE FOREST SYSTEMS, MIHINTALE, SRI LANKA M. Kiruciga , W.D.U. Premarathna, G.A.D. Perera, R.R. Ratnayake	12.20-12.30 pm
ISA_2025_121 Physical	COMPARATIVE STUDY OF MACHINE LEARNING MODELS FOR PREDICTING SHRIMP GROWTH PERFORMANCE USING WATER QUALITY PARAMETERS Maura Muraleetharan , Ravikumar S, Dheerasinghe G.W.M.M.K and Herath S.S.	12.30 pm- 12.40 pm
	Poster Presentation	
ISA_2025_89 Virtual	ENHANCING CROP YIELD PREDICTION FOR ACHIEVING FOOD SECURITY IN SRI LANKA: A HYBRID APPROACH OF MACHINE LEARNING ALGORITHMS H. M. Munasinghe, E. G. T. Dasunika	12.40 pm- 12.45 pm



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Faculty of Agriculture, Eastern University Sri Lanka

Venue: Laboratory, Department of Agricultural Engineering, Faculty of Agriculture, EUSL.

Date: 06.03.2025

Time: 11.30 a.m. – 12.35 p.m.

Technical Session: Digital and Climate Smart Agriculture - Session II		
Track Coordinator: D. M. T. G. Dissanayaka Contact No: 0716851445 Email: tharukagimhani98@gmail.com		
Zoom Link: https://learn.zoom.us/j/96641229797?pwd=vnN59LQgcpRJM99FH5NjzBSrVHDuLz.1		
Meeting ID: 966 4122 9797		Passcode:
Abstract ID	Title and Authors	Time
Oral Presentation		
ISA_2025_58 Virtual	DEVELOPMENT OF A SOLAR-POWERED SMART IRRIGATION SYSTEM H.M.S.D. Herath, N.A.S.I. Neththasinghe , P. J. Ranasinghe	11.30 am - 11.40 am
ISA_2025_78 Virtual	EFFECTS OF HARVEST MATURITY ON PHYSICOCHEMICAL QUALITY OF <i>Piper nigrum</i> AND EXTRACTION TECHNIQUES ON YIELD AND QUALITY OF OLEORESINS EXTRACTS R.P.D.D.D. Ranaweera, H.D. Weeratunge	11.40 am - 11.50 am
ISA_2025_84 Virtual	IMPACT MILLING SPEED ON RICE FLOUR TEMPERATURE AND PARTICLE SIZE DISTRIBUTION S.K.B.N.P.K. Wijerathna , B.D.M.P. Bandara, R. Bawatharani	11.50 am - 12.00 pm
ISA_2025_90 Virtual	MODIFICATION OF LDPE USING CINNAMON BARK OIL AND GARLIC EXTRACT FOR FRESH FOOD PACKAGING B.L.H.Perera , Dr. S.A.S.C.Samarasinghe, Dr. Lanka Undugoda	12.00 pm - 12.10 pm
ISA_2025_133 Virtual	DESIGN AND DEVELOPMENT OF AN AUTOMATED COCOPEAT DRYING MACHINE FOR SUSTAINABLE HORTICULTURE	12.10 pm - 12.20 pm



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	A.K.S.S. Nipunsara , U.R.D. Lakpriya, H.M.D.M. Herath, M.M.I.S. Kumara, H.V.H.H. Senavirathna	
ISA_2025_148 Physical	DEVELOPMENT AND EVALUATION OF A LOW-COST AUTOMATED SEED DRYER SYSTEM W.A.J. Pushpakumara, M. Sugirtharan, G. Niroash, D.M.T.G. Dissanayaka , T. Kapilathan	12.20 pm - 12.30 pm
Poster Presentation		
ISA_2025_154 Virtual	DEVELOPMENT AND VALIDATION OF LOW-COST IoT BASED TEMPERATURE AND MOISTURE MONITORING SYSTEM FOR COMPOST PILES: AN EXPERIMENTAL STUDY K.H.T.H. Alecxender, M. Sugirtharan, G. Niroash, D. M. T. G. Dissanayaka , T. Kapilathan	12.30 pm - 12.35 pm



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Faculty of Agriculture, Eastern University Sri Lanka

Venue: Agric. Engineering Workshop, Faculty of Agriculture, EUSL

Date: 06.03.2025

Time: 11.30 a.m. – 2.00 p.m.

Technical Session: Soil, Water, Energy, and Environment - Session I		
Track coordinator: Ms. U.Kavithanjali Contact No: 0766776981 Email: saikavithanjali.u@gmail.com		
Zoom Link: https://learn.zoom.us/j/93724119004?pwd=HaaojdNtlphbdlgRIEMHFxwLNWsh.1		
Meetind Id: 937 2411 9004		Passcode: fHAeb!4&
Abstract ID	Title and Authors	Time
Oral Presenttions		
ISA_2025_120 Physical	IMPACT OF NITROGEN SOURCES ON MAINTAINING CHLOROPHYLL CONTENT OF MUNG BEAN LEAVES UNDER SALINITY Perera MDAM , Athauda ARSA, Janith BGU, Rusalani TMR, Benaragana CK and Suriyagoda LDB	11.30 am- 11.40 am
ISA_2025_25 Virtual	FORMULATION OF COMPOST INCORPORATING OF PALMYRAH LEAF AND PALMYRAH COIR DUST AND OPTIMIZATION OF WEIGHT PERCENTAGE RATIO THROUGH QUALITY EVALUATION Nilushiny K. , Mary J., Gowsala S. and Srivijeindran S.	11.40 am- 11.50 am
ISA_2025_149 Virtual	STUDY ON THE EFFECT OF BIOSOLIDS AND SUGARCANE FILTER CAKE INTEGRATED WITH CHEMICAL FERTILIZERS ON THE OKRA CULTIVATION IN SANDY REGOSOLS M.P. Kosgallane and P. Premanandarajah	11.50 am- 12.00 pm
ISA_2025_150 Virtual	INTEGRATED EFFECTS OF FISH POND SEDIMENTS AND FISH AMINO ACID LIQUID FERTILIZERS WITH INORGANIC FERTILIZERS ON OKRA (<i>Abelmoschus esculentus</i>) GROWTH IN SANDY REGOSOL SOIL D.S.S. Rathnasekara and P. Premanandarajah	12.00 pm- 12.10 pm
ISA_2025_152 Virtual	EFFECTS OF LIQUID FERTLIZERS MADE FROM GLIRICIDIA LEAF EXTRACTS AND ORGANIC MANURES ON THE PERFORMANCE OF OKRA (<i>Abelmoschus esculentus</i>) IN SANDY REGOSOLS IN COMPARISON WITH INORGANIC FERTILIZERS W.U.S.T. Fernando and P. Premanandarajah	12.10 pm- 12.20 pm



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ISA_2025_39 Virtual	SUITABILITY OF BOLGODA LAKE WATER FOR AQUACULTURE AND AGRICULTURE INTERMS OF SOME PHYSICO-CHEMICAL PARAMETERS D.G.V. Sathsarani, M. and Sugirtharan	12.20 pm- 12.30 pm
Technical Session: Soil, Water, Energy, and Environment - Session II		
Track Coordinator: D. M. T. G. Dissanayaka Contact No: 0716851445 Gmail Address: tharukagimhani98@gmail.com		
Zoom Link: https://learn.zoom.us/j/93724119004?pwd=HaaojIdNtlphbdlgRIEEMHFXwLNWsh.1		
Meetind Id: 937 2411 9004		Passcode: fHAeb!4&
Abstract ID	Title and Authors	Time
ISA_2025_146 Virtual	MICROPLASTIC POLLUTION IN BOLGODA LAKE R. M. S. K. Rathnayake, A. S. Dikkumbura, M. G. Y. L. Mahagamage	12.30 pm-12.40 pm
ISA_2025_153 Virtual	PRODUCTION OF BIODEGRADABLE BIOPLASTIC PACKAGING MATERIAL IN AGRICULTURE Rajarathna.W.P.P.S., Jeyavanan K. and Viharnaa R.	12.40 pm-12.50 pm
ISA_2025_163 Virtual	POTENTIAL OF SELECTED PERENNIAL BIO-MASS FOR BIO FUELS PRODUCTION. A COMPREHENSIVE REVIEW. S.P.U.S. Wickramasinghe	12.50 pm-1.00 pm
LUNCH BREAK		1.00 pm – 1.30 pm
ISA_2025_164 Virtual	PROCESS OPTIMIZATION AND ENERGY ANALYSIS OF THE BIO-FUEL INDUSTRY (ETHANOL). A REVIEW ON ETHANOL PRODUCTION. S.P.U.S. Wickramasinghe	1.30 pm - 1.40 pm
Poster Presentation		
ISA_2025_113 Virtual	DEVELOPMENT OF BIODEGRADABLE ECO-FRIENDLY GRASS MATS USING <i>Eichhornia crassipes</i> , <i>Azolla pinnata</i> , AND BANANA PEELS: A SUSTAINABLE SOLUTION FOR MANAGING AQUATIC INVASIVE SPECIES AND AGRICULTURAL WASTE Jayasinghe I.C , V.I. Weerakoon	1.40 pm-1.45. pm



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ISA_2025_151 Virtual	EFFECTS OF ORGANIC MANURE AND INORGANIC FERTILIZERS ON THE GROWTH AND YIELD OF OKRA IN SANDY REGOSOL. E.A.I. Madhushani and P. Premanandarajah	1.45 pm-1.50 pm
ISA_2025_144 Virtual	ADSORPTION TECHNIQUES TO REMOVE HEAVY METALS FROM INDUSTRIAL WASTEWATER: A REVIEW H.M.S.T. Herath , R. Thivyatharsan, U. Kavithanjali, G. Niroash	1.50 pm-1.55 pm



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Venue: Laboratory, Department of Agricultural Chemistry, Faculty of Agriculture, EUSL

Date: 06.03.2025

Time: 11.30 a.m - 03.00 p.m

Technical Session: Food and Nutrition		
Track coordinator: W.K.A.K.H. Weerasinghe		
Contact No: 0768841619		Email: kweerasinghe2017@gmail.com
Zoom Link: https://learn.zoom.us/j/97161222020?pwd=EokKsqEHZYjTnCIAjsPv6qxAZcK8zp.1		
Meeting ID: 971 6122 2020		Passcode: =\$njf1XF
Abstract ID	Title and Authors	Time
Oral Presentation		
ISA_2025_31 Physical	COMPARATIVE CHARACTERIZATION OF PHYSICOCHEMICAL, NUTRITIONAL, AND FUNCTIONAL PROPERTIES OF COCONUT MILK FROM DIFFERENT EXTRACTION METHODS A S.A.M. Mahsoom, H.M. Jans, P.A.B. N Perumpuli, G.S.N. Fernando	11.30 a.m. - 11.40 a.m.
ISA_2025_137 Physical	FISH POISONING ASSOCIATED WITH HISTAMINE – A REVIEW S.A.R.U. Sooriyapperuma, and M.S.W. de Silva	11.40 a.m. - 11.50 a.m.
ISA_2025_157 Physical	EFFECT OF FERMENTATION DURATION ON THE ANTIOXIDANT ACTIVITY OF BEVERAGES PREPARED FROM <i>Coffea robusta</i> PERICARP AND SEED POWDER BLENDS P. Abijah and H. A. P. W. Hettiarachchi	11.50 a.m. - 12.00 p.m.
ISA_2025_21 Virtual	OPTIMIZATION OF FERMENTATION AND EVALUATION OF SENSORY, PHYSICOCHEMICAL,	12.00 p.m. - 12.10 p.m.



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	AND FUNCTIONAL PROPERTIES OF FERMENTED BETEL LEAF TEA P.H.M.C. Wijerathna, A.A.M. Subodinee	
ISA_2025_28 Virtual	QUALITY ATTRIBUTES OF CLOVE, HONEY AND GREEN TEA TREATED CHICKEN MEAT DURING STORAGE R.M.K.P. Gunawardhana, and M. Pagthinathan	12.10 p.m. - 12.20 p.m.
ISA_2025_36 Virtual	IDENTIFICATION OF CHEMICAL CONSTITUENTS RESPONSIBLE FOR ORGANOLEPTIC QUALITIES OF CEYLON CINNAMON (<i>Cinnamomum zeylanicum</i> Blume) Wijeweera A.A., Hewage J.W., Hemalika W.S., Jayasinghe G.G., and Hettiarachchi S.R.	12.20 p.m. - 12.30 p.m.
ISA_2025_38 Virtual	IMPACT OF WHEY MARINATION ON PHYSIOCHEMICAL, SHELF LIFE AND SENSORY QUALITY OF CULLED LAYER CHICKEN MEAT K.Anujaani and M.Pagthinathan	12.30 p.m. - 12.40 p.m.
ISA_2025_43 Virtual	IMPACT OF ATOMIZATION SPEED AND INLET TEMPERATURE ON THE ORGANOLEPTIC PROPERTIES OF SPRAY DRIED SOYBEAN POWDER R.B.T.M. Piyasinghe, H.R.P. Fernando and R. Bawatharani	12.40 p.m. - 12.50 p.m.
ISA_2025_50 Virtual	PROXIMATE COMPOSITION AND PHYSICOCHEMICAL PROPERTIES OF RED SEAWEED: <i>Kappaphycus alvarezii</i> Simmaky S., Srivarathan S., Wijesekara R.G.S. and Gunathilake K.D.P.P.	12.50 p.m. - 01.00 p.m.
LUNCH BREAK		01.00 p.m. – 01.30 p.m.
ISA_2025_51 Virtual	DEVELOPMENT OF JAM USING KING COCONUT (<i>Cocos nucifera</i> var <i>aurantiaca</i> L.) KERNEL AND EVALUATE ITS SENSORY, PHYSICOCHEMICAL, PROXIMATE AND FUNCTIONAL PROPERTIES	01.30 p.m. - 01.40 p.m.



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	H.P.P.D. Perera , G.S.N. Fernando and P.C.D. Perera	
ISA_2025_66 Virtual	APPLICATION OF CEYLON CINNAMON (<i>Cinnamomum zeylanicum</i> Blume) IN PRODUCTION OF CARBONATED BEVERAGES Pathirana K.P.R.D, Wijeweera A. A., Jayasooriya H.D.J.	01.40 p.m. - 01.50 p.m.
ISA_2025_107 Virtual	DEVELOPMENT OF CRACKER INCORPORATED CEYLON CINNAMON (<i>Cinnamomum zeylanicum</i> Blume) BARK AND EVALUATING ITS QUALITY AND MEDICINAL PARAMETERS A. M. T. R. Amarakoon, A. A. Wijeweera, and W.P.K.M. Abeyesekara	01.50 p.m. - 02.00 p.m.
ISA_2025_108 Virtual	BODY MASS INDEX DISTRIBUTION AMONG ADOLESCENTS FROM JAFFNA DISTRICT M. Sivakaran, V. Arasaratnam and R. Surenthirakumaran	02.00 p.m.- 02.10 p.m.
ISA_2025_155 Virtual	REVIEW ON THE BIOACTIVE COMPOUNDS IN FUNCTIONAL FOODS: THERAPEUTIC APPLICATIONS AND CURRENT TRENDS W.K.A.K.H. Weerasingha, D.D.S.N. Jayathilaka and A. Sugirtharan	02.10 p.m.- 02.20 p.m.
ISA_2025_22 Virtual	FIBER AND PROTEIN ENRICH INSTANT MUFFIN MIX USING DEFATTED DESICCATED COCONUT (<i>Cocos nucifera</i> L.) FLOUR M.K.K.P. Rupasinghe, H.P.D.T. Hewa Pathirana, B.G.R.R. Bandara, L.L.W.C. Yalegama	02.20 p.m. – 02.30 p.m.
ISA_2025_109 Virtual	DEVELOPMENT OF NOODLES INCORPORATING CEYLON CINNAMON (<i>Cinnamomum zeylanicum</i> Blume) P.H.N.M.De Silva, A.A. Wijeweera, J.A.N Gimhani	02.30 p.m. - 02.40 p.m.
Poster Presentation		



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ISA_2025_67 Virtual	DEVELOPMENT AND QUALITY ASSESSMENT OF JACKFRUIT SEED BASED- PASTA ENRICHED WITH CINNAMON AND MORINGA J.A. Sonali Ramesha, K.S. Kumararathna, A.A. Wijeweera ³ , W.M. Deepika Priyadarshani ⁴	02.45 p.m. – 02.50 p.m.
ISA_2025_71 Virtual	INSTANT NOODLES CONSUMPTION BEHAVIOR AMONG GENERATION Z IN SRI LANKA E.M.K.C.S. De Seram, W.A.K.P. Weerasooriya, T.R. Nanayakkara and U.B.E. Sasanka	02.50 p.m. - 02.55 p.m.



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Venue: LH1, Faculty of Agriculture, EUSL.

Date: 06.03.2025

Time: 11.30 a.m. – 12.25 p.m.

Technical Session: Medicinal Plants and Phytochemicals		
Track Coordinator: D.D.S.N. Jayathilaka		
Contact No: 0715858738		Email: nayanahari.jayathilaka@gmail.com
Zoom Link: https://learn.zoom.us/j/94635468099?pwd=sXfy3h2PumBRZybbYZPFw0v5X1bpke.1		
Meeting Id: 946 3546 8099		Passcode: =vEt=Ld7
Abstract ID	Title and Authors	Time
Oral Presentation		
ISA_2025_111 Virtual	PHYSICO-CHEMICAL, PHYTOCHEMICAL AND CHROMATOGRAPHICAL ANALYSIS OF <i>Phyllanthus debilis</i> J.G. KLEIN EX WILLD K.B.W.I.G. Abeywardhane, S.K.M.K. Herapathdeniya, D.M. Nallaperuma	11.30 a.m. - 11.40 a.m.
ISA_2025_125 Virtual	IN VITRO ANTIOXIDANT POTENTIAL AND ALPHA AMYLASE INHIBITION OF SEEDS AND SPROUTS OF <i>Trigonella foenum-graecum</i> K. Kamshana, S. Sivasinthujah and S. Thuvaragan	11.40 a.m. - 11.50 am
ISA_2025_136 Virtual	SCREENING THE ANTIDIABETIC AND ANTIOXIDANT PROPERTIES OF SRI LANKAN FLORA: A COMPARATIVE STUDY OF ETHANOLIC EXTRACTS FROM YOUNG LEAVES AND FLOWERS OF SELECTED MEDICINAL PLANTS Bentharavithana J.I, Liyanaarachchi G.D., Samarasekera J. K. R. R., Mendis B.E.P., Rajapakse R.P.N.P	11.50 a.m. - 12.00 p.m.



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ISA_2025_101 Virtual	CURRENT SITUATION OF MEDICINAL PLANTS USED FOR PAEDITRIC AILMENTS AROUND SANTHIRASEGARA PILAIYAR TEMPLE, NALLUR NORTH Nithyapriya Sivaram	12.00 p.m. - 12.10 p.m.
ISA_2025_131 Virtual	PHYTOCHEMICAL SCREENING AND ANTIBACTERIAL ACTIVITY OF THE BARK OF ODINA WODIER AGAINST THE COMMON PATHOGENS OF WOUND INFECTION Kasthuri S, G.A.W.Sam Antony, Divarjitha T, Thayalini T	12.10 p.m. - 12.20 p.m.
Poster Presentation		
ISA_2025_112 Virtual	PHYTOCHEMICAL SCREENING AND ANTIBACTERIAL ACTIVITY OF <i>Nigella sativa</i> L. and <i>Cuminum cyminum</i> (Iruseeragam) Varuna. V, Thayalini. T, Velayuthamurthy. K	12.20 p.m. - 12.25 p.m.



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ISA_2025_63 Virtual	EFFECT OF DIETARY REPLACEMENT OF FISHMEAL WITH SUCKERMOUTH CATFISH (<i>Pterygoplichthys pardalis</i>) MEAL ON THE GROWTH AND COLORATION OF OSCAR FISH (<i>Astronotus ocellatus</i>) P.C.M. Perera, M.S.M. Nafees	12.00 p.m. - 12.10 p.m.
ISA_2025_83 Virtual	ASSESSING THE TRENDS IN POPULATION DYNAMICS OF KEY FRESHWATER FISH SPECIES IN SAMANALAWEWA RESERVOIR, SRI LANKA D.I.P. Kularathna, C.N. Walpita	12.10 p.m. - 12.20 p.m.

Technical Session: Sustainable Livestock and Aquaculture Management - Session II

Track Coordinator: Ms. J. Shiromiya

Contact No: 0778468019

Email: shiromie1997@gmail.com

Zoom Link:

<https://learn.zoom.us/j/91634241247?pwd=IaC1yZhc8YLbMFftQkyxCMG01Uxn4L.1>

Meeting ID: 916 3424 1247

Passcode: .1Mj?\$YQ

Abstract ID	Title and Author	Time
Poster Presentation		
ISA_2025_98 Virtual	THE EFFECT OF SHORT-TERM EXPOSURE TO BISPHENOL-A AND ITS ANALOGUE, BISPHENOL-S ON STRESS RESPONSE OF JUVENILE ZEBRAFISH (<i>Danio rerio</i>) K.P.W.D. Shanika and G. Rajapaksa	12.20 p.m. - 12.25 p.m.
ISA_2025_142 Virtual	ENRICHMENT OF FRESHWATER ROTIFER (<i>Brachionus calyciflorus</i>) AND ITS APPLICATION IN RED-BLONDE GUPPY (<i>Poecilia reticulata</i>) FISH LARVICULTURE	12.25 p.m. - 12.30 p.m.



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	K. M. Nicholos, Varthani Susruthan, and P.M. Withanage	
ISA_2025_88 Virtual	INVESTIGATION OF LUMPY SKIN DISEASE IN CATTLE IN BATTICALOA DISTRICT, SRI LANKA P. Mithushan, M. Pagthinathan, P. Mathurangani	12.30 p.m. - 12.35 p.m.
ISA_2025_117 Virtual	QUALITY CHARACTERISTICS OF CHICKEN SAUSAGES BY COMBINATION OF KIDNEY BEANS (<i>Phaseolus vulgaris</i>) AND SOYBEANS (<i>Glycine max</i>) S.S.T. Ranathunga and M. Pagthinathan	12.35 p.m. - 12.40 p.m.