

Room A	Theme Name		Nutritional and functional properties of food & feed			
		Manu ID	Manuscript Tittle	Theme Number	Authors	Corresponding Author
Mr. Ryan Rienzie - ryanrienzie@agri.pdn.ac.lk https://learn.zoom.us/my/pgiazoom4	10.45 am - 11.00 am	2023_6	Performance of Nile Tilapia (<i>Oreochromis niloticus</i>) Fingerlings Fed Diets Containing Insoluble Dietary Fiber Obtained from Cinnamon (<i>Ceylon zeylanicum</i>) Spent Bark Waste.	1	L.H.M.P.R. Lansakara, Prof. J.K. Vidanarachchi, Prof. S.M.C. Himali, Prof. S.P. Kodithuwakku	L.H.M.P.R. Lansakara 715374841, priyanwada.lansakara@gmail.com
	11.00 am -11.15 am	2023_13	Evaluation of Physical, Nutritional and Sensory Properties of Biscuits Made from Blended Wheat flour and Pumpkin Powder	1	K.A.T.K. Jayalath1, E. Mendis and A.A.D. Madushan	K.A.T.K. Jayalath 0711249668, kasthuriarachchit@gmail.com
	11.15 am -11.30 am	48007	Comparative Analysis of Green and Brown Morphotypes of <i>Kappaphycus alvarezii</i> Doty (Doty): Morphology, Total Phenol Content, Antioxidant Activity and Antimicrobial Activity Against Selected Bacterial Strains	1	Rajapaksha G.D.S.P, Bandaranayake P.C.G., De Croose M.D.S.T., Mr. Gunathilake P.M.P.C., Jayawardena B.C., Nirooparaj B.,Vidanarachchi J.K.,Wijesekara I.	G.D.S.P. Rajapaksha rajapakshagdsp@gmail.com, 0769892289
	11.30 am - 11.45 am	2023_5	In Vitro Antioxidant, Phytochemical Contents, Anti-Diabetic and Anti-Inflammatory Potentials of <i>Passiflora foetida</i> L	1	P.G.N.H. Dharmasiri, P. Ranasinghe, P. T. Jayasooriya, and K. W Samarakoon	K.W. Samarakoon samarakoonk@kdu.ac.lk, 070-2558823
	11.45 am - 12.00 pm	2023_27	Dietary Energy Contribution from Macronutrients, Saturated fat and Added Sugar and Intake of Cholesterol and Dietary Fibre among 11-13 Year Children in Colombo City	1	A.D.D.C. Athauda*,1, D.G.N.G. Wijesinghe2 and G.A.P. Chandrasekara3	A.D.D.C. Athauda dinuchathuri@yahoo.com

Room A	Theme Name		Agronomic interventions for better crop production			
		Manu ID	Manuscript Tittle	Theme Number	Authors	Corresponding Author
Mr. Ryan Rienzie - ryanrienzie@agri.pdn.ac.lk https://learn.zoom.us/j/968673	1.15 pm - 1.30 pm	579693	Assessment of Growth and Yield Characteristics of a Greenhouse Hybrid and a Dual-Purpose Cultivar Under Different Microclimatic Conditions	2	Dewapriya I.N.S., Prof. Amaratunga K.S.P.Dr. Bandaranayake A.U.Prof. Bandaranayake P.C.G.,Ms. Hettiarachchi M.H.S.M.,Prof. Weerakkody W.A.P.	I.N.S. Devapriya seminidevapriya@gmail.com, 07714436140, 771443614
	1.30 pm - 1.45 pm	2023_22	Investigation of Soil Properties and Hydrological Dynamics of Oil Palm and Rubber Plantations in the Low Country Wet Zone of Sri Lanka.	2	K.M.Kularathna, D.N. Vidanagamage, Y.N.S. Wijewardhana, H.M.S.K. Herath	Kusalika Madushani _kusalikasl@gmail.com,07766 64450
	1.45 pm - 2.00 pm	2023_26	Interaction Effects of Phosphorus and Zinc on Rice (Oryza sativa) grown in Dry Zone soils of Sri Lanka	2	S.M.A.D.K.S. Mayadunne*, R.S. Dharmakeerthi 1 , C.P. Attanayake 2 Postgraduate Institute of Agriculture University of Peradeniya	S.M.A.D.K.S. Mayadunne sammanimayadunne@gmail.com
	2.00 pm - 2.15 pm	968673	Predicting Salinity Tolerance of Popular Sri Lankan Rice Varieties Based on Root Morphology at the Seedling Stage	2	K.I.S. Thamali, W.G.A.S. Sumanarathne, L.D.B. Suriyagoda, and D.V. Jayatilake	K.I.S. Thamali 0702592200 thamalik@agri.pdn.ac.lk
	2.15 pm - 2.30 pm	2023_19	Modification of Canopy Architecture for Enhancing the Yield of Black Pepper (Piper nigrum L.) through Effective Photosynthetically Active Radiation (PAR) Absorption and Distribution	2	K.P.P. Madhushani*1,2, H.M.P.A. Subasinghe2 , R M Fonseka1 and T.Sivananthawerl 1	K.P.P. Madushani poornimadusha@gmail.com, 0711432455

Room B	Theme Name		Agricultural inputs for sustainable crop production			
		Manu ID	Manuscript Tittle	Theme Number	Authors	Corresponding Author
Dr. E.R.J. Samarakoon rasanjalis@agri.pdn.ac.lk https://learn.zoom.us/j/7592520884	10.45 am -11.00 am	2023_10	The Availability and the Characteristics of Microplastics in the Locally Produced Commercial Compost	3	A. S. Y. P. Ranasingha*1, 2, A. K. Karunarathna2, W. S. Dandeniya2, M. S. Nijamudeen1 and G.N. Hewagama3	A.S.Y.P. Ranasinghe 071 8503288 yasarapradeep@gmail.com
	11.00 am -11.15 am	134612	Effects of Biochar Based Slow-Release Fertilizer Application on Ammonia Volatilization in Lowland Rice Soil Under Two Water Regimes	3	Ms. Jayarathna M.K.N.W., Prof. Dharmakeerthi R.S., Dr. Igalavithana A.D.	M.K.N.W. Jayarathna 0713224174 nelumjayarathne94@gmail.com
	11.15 am -11.30 am	2023_17	Effect of Reduced Fertilizer Rate, Increased Plant Density, and Extended Irrigation Interval on Yield and Nutritive Value of Hybrid Fodder Sorghum in Lowland Paddy Fields	3	U.L. Karunadhipathi, M.A.P.W.K. Malaviarachchi, W.M.P.B. Weerasinghe, and M.B.P. Kumara Mahipala	M.B.P.K. Mahipala pmahi@agri.pdn.ac.lk
	11.30 am -11.45 am	2023_12	Effect of Physical State of Substrate, Activated Charcoal and Type of Auxin on In vitro Rooting of Gyrinops walla	3	Sarujaa Selvaskanthan, J.P. Eeswara	Sarujaa Selvaskanthan sarujas@univ.jfn.ac.lk, 776787258
	11.45 am -12.00 pm	2023_23	Sources of Total Factor Productivity Growth in Sri Lankan Agriculture	3	Ms. R.M.H.V. Rajapaksha, Prof. D.V.P. Prasada	Hasani Rajapaksha hasanirajapaksha@gmail.com 0705857674

Room B	Theme Name		Technological solutions for efficient resource management			
		Manu ID	Manuscript Tittle	Theme Number	Authors	Corresponding Author
Ms. JMCM Jayasekara chathurikaj@agri.pdn.ac.lk https://learn.zoom.us/j/10581058	1.15 pm - 1.30 pm	560157	Allele Profiling of Bacterial Blight Resistance Genes Xa4, Xa38, and Xa21 in Selected Sri Lankan Rice Germplasm	4	I. K. Edirisinghe, Ms. Amarathunge M.A.R, Ms. Dissanayake D.M.N.L.K, Dr. Jayatilake D.V., Ms. Nanayakkara N.H.L.D.L.D., Dr. Perera S.A.C.N. Prof. Suriyagoda L.D.B., Ms. Thamali K.I.S, Ms. weerasinghe W.D.P	I.K. Edirisinghe 772121897, iedirisingha05890@gmail.com
	1.30 pm - 1.45 pm	545667	Changes in Total and Available K Contents in K-bearing Minerals Co-pyrolyzed with Poultry Litter at Different Temperatures	4	Ms. Sarachchandra P. O., Prof. Dharmakeerthi R. S., Dr. Karunarathna A. K.	P.O. Sarachchandra 0717001755 pulara.sarachchandra@gmail.com
	1.45 pm - 2.00 pm	2023_15	Use of drone imagery to predict leaf nitrogen content of sugarcane	4	U.W.L.M. Kumarasiri1*, U.W.A. Vitharana, Thilanka Ariyawansa, H.A.S. Weerasinghe and B.R. Kulasekara	U.W.L.M. Kumarasiri 0761419185, lahirumadhushankaln99@gmail.com
	2.00 pm - 2.15 pm	612751	Development of a Protocol for Water Quality Monitoring and Assessment: A Case Study of Kotagala Wetland, Nuwara Eliya, Sri Lanka.	4	Ms. Jayasekara J.M.A.U, Prof. Mowjood.M.I.M, Prof. N.D.K.Dayawansa	J.M.A.U. Jayasekara awanthi.jayasekara@gmail.com, 0701078672
	2.15 pm - 2.30 pm	2023_14	Phenotypic diversity of selected Sri Lankan rice germplasm for nitrogen use efficiency under irrigated condition	4	R.M.N.H. Senanayake1*, D.M.J.B Senanayake1, N.A.A.S.P. Nissanka2, P.C.G. Bandaranayake3, W.S. Dandeniya4, R.S.Dharmakeerthi4, W.M.U.K. Rathnayake1, and H.K.M. Mihiranga2	R.M.N.H. Senanayake nilminihs@yahoo.com, 0704511743, 0706511743

Room C	Theme Name		Spatial analysis and modeling in agriculture			
		Manu ID	Manuscript Tittle	Theme Number	Authors	Corresponding Author
Dr. Kumudu P. P. Kopiyawattage kumuduk@agri.pdn.ac.lk https://learn.zoom.us/j/csctsci	10.45 am -11.00 am	2023_9	Impact of Climatic Change on Paddy Yield in Kandy District, Sri Lanka Using Vector Auto Regressive Model	5	D.K.N.S. De Silva and N.R. Abeynayake	D.K.N.S. de Silva 717133240 kalathmansdesilva@gmail.com
	11.00 am -11.15 am	815074	Spatial characterization of soil salinity of a paddy grown soil	5	Ms. Noyalin M., Prof. Kumaragamage D., Mr. Nirmal K.A.D.S., Mr. Perera R.A.C.J, Prof. Vitharana W. A. U	M. Noyalin noyalinbms9@gmail.com, 0778750472
	11.15 am -11.30 am	2023_16	Spatiotemporal Trends in Atmospheric Ammonia Levels in Different Climatic Zones of Sri Lanka from 2008 to 2019 Using IASI Satellite Data	5	B. M. B. Weerakoon* and S. P. Nissanka	B.M.B. Weerakoon buddhikavray@gmail.com
	11.30 am -11.45 am	2023_3	Spatial Analysis of Chronic Kidney Disease of unknown aetiology (CKDu) prevalence in Badulupura Village, Sri Lanka	5	Marasinghe B.S , Vitharana W.A.U , Rohana Chandrajith, and Fonseka H.P.U	B.S. Marasinghe 0777 368075 marasinghe2003@yahoo.com
	11.45 am -12.00 pm	2023_21	Allometric Models for Estimating Above-Ground, Below-Ground and Total Biomass of Tea (Camellia sinensis (L.) O. Kuntze) Plant Individuals Grown under Tea Cultivation Systems of Sri Lanka	5	R.A.A.S. Rathnayaka1*, B. Jananey1, H.P.N. Maduranga3, T. Sivananthawerl3, P.G.D.S. Amarasena2, E. Frossard4, A.J. Mohotti3, K.M. Mohotti2 and L.D.B. Suriyagoda3	R.A.A.S Rathnayake asankasrimalrathnayaka@gmail.com, 0176673217

Room C	Theme Name		Society and information technology in food systems			
		Manu ID	Manuscript Tittle	Theme Number	Authors	Corresponding Author
Dr. Yamuna Somaratne yamunas@agri.pdn.ac.lk https://learn.zoom.us/j/854812345	1.15 pm - 1.30 pm	2023_4	Alternative and ICT-based Advisory and Extension Approaches in the Tea Sector in Sri Lanka: An Explorative Study	6	P. Weththasinghe, U.I. Dissanayeke	P. Weththasinghe 710890402 weththasinghep@gmail.com
	1.30 pm - 1.45 pm	685481	Digital Information Dissemination among Agricultural Communities of Practice in Trinidad and Tobago West Indies: Challenges and Opportunities	6	Dr. Jeet Ramjattan, Prof. Wayne Ganpat	Jeet Ramjattan 18686859250 jeetramjattan@gmail.com
	1.45 pm - 2.00 pm	269920	Impact of Economic Crisis in Food Security of Rural Households in Vavuniya North Division in Vavuniya District	6	Mr. Sathyaruban, S.Sutharshiny, Anoma Abhayaratne	Sathyaruban 94773184672, sathya2975@gmail.com
	2.00 pm - 2.15 pm	2023_24	Technical Efficiency in European Union Food Industry: A Stochastic Frontier Approach	6	Ms. R.M.H.V. Rajapaksha, Prof. D.V.P. Prasada	Hasani Rajapaksha hasanirajapaksha@gmail.com 0705857674
	2.15 pm - 2.30 pm	397316	Present Status and Farmers' Attitudes Towards Organic Agriculture: A Case Study in Jaffna Peninsula, Sri Lanka.	6	Ms. Anusiya Muralitharan, Prof. Janaki Mohotti, Dr. Loha pradheepan, Prof. Renuka Ratnayake	Anusiya Muralitharan 0771799363 anusiyam@univ.jfn.ac.lk