

The 31st Annual Sessions of the Institute of Biology Sri Lanka

Schedule for Technical Sessions

(Venue: Faculty of Humanities and Social Sciences, Open University of Sri Lanka, Nugegoda)

Time (p.m.)		Session I (Seminar Room 2-A)	Session II (Seminar Room 2-B)	Session III (Seminar Room 1)
1.00-1.15	1	Effect of pretreatments on the quality of minimally processed green bell pepper (<i>Capsicum annum</i> L.). S. Ediriweera and K. Abayawickrama	Some insight into the barcodes and phylogeny of the two endemic mouse-deer in Sri Lanka. J.A.H.U. Jayakody, M.R. Wijesinghe, C.D. Dangalle, H.D.K.G.A. Weerakoon and S. Mendis	
1.15-1.30	2	Cluster analysis of eight caryophyllids using structural and pigment characters. G.L.T. Godagedera and S.P. Senanayake	Rapid and low-cost DNA extraction procedure for PCR-based detection of pathogenic organisms in environmental waters. J.R.K.N. Jayawardhane, N. Deshapriya and N. Welikala	Discrimination of two wild populations of tiger shrimp (<i>Penaeus monodon</i> Fabricius) in Sri Lanka using morphology and truss network system. D.H.N. Munasinghe and J.D.M. Senevirathna
1.30-1.45	3	Investigation of antibacterial compounds of <i>Vateria copallifera</i> seeds. T.A.N. Siriwardena, E.D. De Silva and C.D. Wijayarathna	A comparative bioinformatics study on CSN5 gene in <i>Arabidopsis thaliana</i> . K.H.H. Priyabhani and P.S. Saputhanthri	Assessing the toxicity of nitrates on the haematological parameters of the mossambique tilapia. T.T.K. Thenuwara, M.R. Wijesinghe, W.D. Ratnasooriya and D.N. de Silva
1.45-2.00	4	Biological control of big onion basal rot pathogen <i>Fusarium oxysporum</i> by a local <i>Trichoderma</i> isolate. W.H.M.V.P. Edirisinghe and N. Deshapriya	DNA fingerprinting of <i>Pyricularia grisea</i> , by repetitive-PCR method using a single primer based on the transposable element pot2. D.C. Wimalasiri, M.Y. Jothimala, W.S.S. Wijesundera and R.P.N. Priyanthi	Comparison of avifaunal communities of the Dombagaskanda and Kirigala forest reserves. K.D. De Silva Jayasekara, H.D.K.G.A. Weerakoon, and M. R. Wijesinghe
2.00-2.15	5	Feasibility of using palmyrah's raw tuber flour as an alternative culture media for fungal growth. S. Tharmila, E.C. Jeyaseelan and A.C. Thavaranjit	Immune status, clinical aspects and risk factors of human leptospirosis in Gampaha district, Sri Lanka. S. U. Thrikawala, M.L.G. Piyatisse, G. Premawansa, I. C. Perera, R.P.V.J. Rajapakse and W.S. Premawansa	Fishery in Maduganga estuary and Koggala lagoon areas (Sri Lanka) during the period of 2004-2007 with special consideration of the Indian Ocean Tsunami event in December 2004. K.A.M. Sudarshani and N.J. De S.Amarasinghe
2.15-2.30	6	Screening Sri Lankan rice (<i>Oryza sativa</i> L.) varieties for broad-spectrum herbicide, Glyphosate tolerance / resistance. W.J. Nimanthika and S.R. Weerakoon	Phagocytosis as a biomarker of immunotoxicity in response to selected heavy metals in <i>Euphyllis hexadactylus</i> (Ranidae): A pilot study. S. Priyadrshani, D.D. Wickramasinghe, D.N. de Silva and P.V. Udugama-Randeniya	Diversity of insects trapped in <i>Nepenthes distillatoria</i> pitchers in Sinharaja World Heritage site with respect to height from the ground, morphology and maturity. E.M.R. Samanmalee and S.W. Kotagama

2.30-2.45	7	Effect of Gibberellic acid (GA3) on differentially salt tolerant rice cultivars in response to salt stress. J.M.D.R. Menike and P. Senadheera	Depression of mitotic indices and induction of chromosomal aberrations in common onion (<i>Allium cepa</i>) following exposure to selected industrial effluents. B.M.W.L. Jayathilaka and A. Pathiratne	Effect of glyphosate and chlorpyrifos on the histology of the testis in <i>Megascolex spectabilis</i> . J.H.T. Rajapakse and S.R. Krishnarajah
2.45-3.00	8	Antimicrobial properties of some selected lower plants. D.L.M.B. Jayarathne, P.S. Saputhanthri, R.P. Perera and G.A.S. Premakumara	Purification of Phytoplasma associated with Weligama Coconut Leaf Wilt Disease for production of diagnostic polyclonal antibodies. C. Kanatiwela, N. Shanmuganathan, D. Weerakoon, W.S. Premawansa, R. Wijesekara, P.V. Udugama-Randeniya	Zoonotic importance of domestic rat, <i>Rattus rattus</i> and pet animals in some selected sites of Western Province in Sri Lanka. E.M.D.L. Premathilake and L.D. Amarasinghe
3.00-3.15 Tea Break				
3.15-3.30	9	Effect of aqueous <i>Allium cepa</i> var <i>aggregatum</i> extract dip treatment on Willard mangoes. N. Krishnapillai and R.S. W. Wijeratnam	Effect of cinnamon oils on the root knot nematode <i>Meloidogyne graminicola</i> in rice seedlings and young rice plants. W.K.A.G.A. Wijesinghe and L.D. Amarasinghe	Effect of <i>Carica papaya</i> leaf concentrate on rat platelet count and RBC permeability. A. Gammulle, W.D. Ratnasooriya, S. Nagananthini and P.V. Udugama-Randeniya
3.30-3.45	10	Floral biology of <i>Hibiscus furcatus</i> in relation to pollination. H.P.P. Prematilleke and R.M.C.S. Ratnayake	In vitro nematocidal activity of weed plant extracts against the root-knot nematode, <i>Meloidogyne incognita</i> . G.D.T.M. Nanayakkara, P.B. Ratnaweera, and A.A.K. Karunathilaka	Increased serum NOx levels in severe leptospirosis patients in Sri Lanka. T.L. Kalugalage, T.D.P. Vithanage, P. Somaratne, H.J. De Silva, S. Rajapakse and S.M. Handunnetti
3.45-4.00	11	Soil properties of Bellanwila-Attidiya Sanctuary: A Preliminary Investigation. S. Cooray, D.D. Wickramasinghe and R. Piyadasa	Nematodes associated with banana (<i>Musa</i> spp) cultivations in selected sites in Gampaha district in Sri Lanka. W.B.P. Vitharana and L.D. Amarasinghe	
4.00-4.15	12	Pollination and seed biology of <i>Hibiscus furcatus</i> . H.P.P. Prematilleke and R.M.C.S. Ratnayake	Root-knot nematode infestations on Chilli (<i>Capsicum annum</i>) at selected localities in Hambantota district. W.T.S.D. Premachandra and D.P.C. Senarath	Study of anti-malarial activity of <i>Artemisia vulgaris</i> leaf extract, using the <i>Plasmodium berghei</i> murine model. B.A.G.S. Bamunuarachchi, W.D. Ratnasooriya, G.A.S. Premakumara and P.V. Udugama-Randeniya
4.15-4.30	13	Effect of burying depth and surface fire on germination of selected dry zone forest plant seeds in Sri Lanka. R.M.C.S. Ratnayake and L.R. Jayasekera		Effect of oral administration of hot water infusion of black tea (<i>Camellia sinensis</i> L) on serum toxic heavy metal concentrations in rats. K.R.W. Abeywickrama, A.M.T. Weerakoon and W.D. Ratnasooriya
4.30-4.45	14	Evaluation of in vitro antibacterial activity of some medicinal plant extracts on hair borne bacteria. S. Tharmila, E.C. Jeyaseelan, and A.C. Thavaranjit		Parasites of mammals housed in the National Zoological Gardens, Sri Lanka. N.L. Dangampola, L.A.J.P.K. Jayasekara, I.C. Perera and P.V. Udugama-Randeniya