

## Programme of Technical sessions of the 8<sup>th</sup> Academic Sessions of University of Ruhuna- 22<sup>nd</sup> February 2011

Time	Paper no.	Technical Session A I Agriculture Chairperson: Prof. Mangala de Zoysa
1145-1205	AF-01	<b>Development of value-added low-fat yoghurts using mixed-fruits, Cassava flour (<i>Manihot esculenta</i> L.), Cereal mixture and evaluation of their physicochemical, microbiological and sensory properties</b> <i>Jayarathna, M.P.K., Gamage, P.M.W., Jayamanne, V.S., Gunarathna, M.A.W.S., Galappatti, K.M., Nanayakkara, G.T., Udayanganie, K.K.A., and Ramanayake, R.A.T.M.</i>
1205-1225	AF-02	<b>Effectiveness of Marketing Information Systems (MIS) on vegetable sub-sector in Sri Lanka</b> <i>Sandika, A.L. and Sadamali, M.K.V.</i>
1225-1245	AF-03	<b>Development of biscuits using sweet potato flour (<i>Ipomoea batatas</i> L.) and evaluation of its physicochemical, microbiological and sensory properties</b> <i>Vidhanapathirana, T.D., Udayanganie, K.K.A., Jayamanne, V.S. and Galappatti, K.M.</i>
1245-1305	AF-04	<b>Evaluation of pungency of chillie using the Scoville Index and the comparison of the sensory evaluation method and the spectrophotometric method in determining the pungency level</b> <i>Dissanayake, S.A.J., Wadasinghe, A., Jayamanne, V.S. and Fernando, G.S.N.</i>
1305-1400	LUNCH BREAK	
		Technical session A II Agriculture Chairperson: Prof. Asoka Gunawardena
1400-1420	AF-06	<b>Sessile drop contact angle as affected by the particle size and the drop size</b> <i>Leelamanie, D.A.L., Samarawickrama, U.I. and Jutaro K.</i>
1420-1440	AA-01	<b>Influence of selected heavy metals on Nitrogen mineralization and nitrification of agricultural soils</b> <i>Wimalasena, P.K.S.E., Walpola, B.C. and Piyadarshani, S.H.R.</i>
1440-1500	AA-02	<b>Development of carotene enriched pasteurized milk incorporated with carrot (<i>Daucus carota</i> L.)</b> <i>Kumudumali, P.G., Jayarathna, M.P.K., Jayamanne, V.S. and De Silva, A.S.K.</i>
1500-1520	AA-05	<b>Assessment of submergence tolerance of some traditional rice cultivars at seedling stage</b> <i>Ranawake, A.L., Dahanayaka, N. and Kumari, R.D.G.</i>
1520-1540	AA-07	<b>Utilization of agricultural waste compost as an alternative potting media component with coir dust for leafy vegetable <i>Ipomoea aquatica</i></b> <i>Thushara, W.K.R. and Jayasinghe, G.Y.</i>
1540		<b>Tea</b>

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<b>Time</b>	<b>Paper no.</b>	<b>Technical session B I</b>	<b>Engineering</b>	<b>Chairperson Dr. P. Pirapaharan</b>
1145-1205	<b>BF-01</b>	<b>Study on vertical axis wind turbine with introducing new turbine blade profile and deflector-rudder unit.</b> <i>Sanath, J.A. and Baduge, S.</i>		
1205-1225	<b>BF-02</b>	<b>Development of domestic water pump to use as a turbine for pico hydro (PAT)</b> <i>Lekamge, D.A., Marasinghe, M.M.J.M.B., Dayarathna, P.W.H.K.T.B., Dharshana, L.K. and Hettiarachchi, N.K.</i>		
1225-1245	<b>BF-03</b>	<b>Green roof performance towards the cooling of buildings in tropical climate</b> <i>Subashi, G.H.M.J., Silva, G.H.A.C., Abesekara, J.J., Nishadi, K.P.A. and Sanjeewa, L.V.D.</i>		
1245-1305	<b>BF-04</b>	<b>Effect of mechanical properties of concrete containing rice husk ash</b> <i>Uduweriya, R.B.Y.B. and De Silva, S.</i>		
1305-1400		<b>LUNCH BREAK</b>		
		<b>Technical Session B II</b>	<b>Engineering</b>	<b>Chairperson Dr. Chandana Perera</b>
1400-1420	<b>BF-05</b>	<b>Efficient and effective solid waste management system for Galle Municipality</b> <i>Hapilan S., Abhayawardana G.P.R., Kuhathasan A., Perera S.V.A.D.R.R. and Dayanthi W.K.C.N.</i>		
1420-1440	<b>BF-06</b>	<b>Feasibility of using bamboo as a potential reinforcement in concrete beams</b> <i>Athauda, A.M.B.B.S., Wijebandara M.M.A., Ihalakodippily I.K.K.G. and Wanniarachchi. K.S.</i>		
1440-1500	<b>BF-07</b>	<b>Properties of masonry blocks manufactured with crushed demolition waste</b> <i>Subashi, G.H.M.J., Wasantha, P.L.P., Jayasuriya, J.P.B. and Kandage, J.D.</i>		
1500-1520	<b>AF-05</b>	<b>Biogas production rate with methane content from market garbage in dry batch biogas system</b> <i>Bandara, K.M.M.G.C.J. and Wijetunga, S.</i>		
1520		<b>Tea</b>		

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<b>Time</b>	<b>Paper no.</b>	<b>Technical session C I</b>	<b>Social Sciences and Management</b> <b>Chairperson Prof. R.M. Ranaweera Banda</b>
1145-1205	<b>CF-01</b>	<b>Services quality on customer satisfaction: Evidence from Sri Lankan retail banking industry</b> <i>Nismi, M.N.M. and Buddhika, S.A.</i>	
1205-1225	<b>CF-02</b>		
1225-1245	<b>CF-03</b>		
1245-1305	<b>CF-04</b>		
1305-1400	<b>LUNCH BREAK</b>		
		<b>Technical session C II</b>	<b>Social Sciences and Management</b> <b>Chairperson Prof. A.K.G. Jayasinghe</b>
1400-1420	<b>CF-05</b>	<b>Determinants of academics' grievances: Evidence with special reference to University of Ruhuna</b> <i>Rathnayake, R.M. &amp; Galhena, B.L.</i>	
1420-1440	<b>CA-01</b>	<b>Barriers to women's succession to executive level positions in Sri Lanka: A case in apparel industry</b> <i>Hifas, M. and Ganewatta, G.K.H.</i>	
1440-1500	<b>CA-02</b>	<b>Effect of team based payment system to organizational performance with special reference to MAS Active Asialine</b> <i>Sadamali, N.G.P. and Ramawickrama, J</i>	
1500-1520	<b>CA-03</b>		
1520-1540	<b>CA-04</b>	<b>A study of modern trends in traditional food security methods of rural areas with reference to the north-west slope in Sinharaja forest</b> <i>Kumara, R.K.C., Karunaratna, M.S.K.L. and Chaturangi, D.</i>	
1540-1600	<b>CA-05</b>		
1600		<b>Tea</b>	

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<b>Time</b>	<b>Paper No.</b>	<b>Technical session D I</b>	<b>Biological Sciences</b>	<b>Chairperson-Prof. P.R.T. Cumartunga</b>
1145-1205	<b>DF-01</b>	<b>Fungal contamination of raw materials of selected herbal drugs available in retail shops in Matara area</b> <i>Ransara, G.B.M, Dilrukshi, K.G.G., Daladawatta, N.D. and Abeysinghe, S.</i>		
1205-1225	<b>DF-02</b>	<b>Utility of Single Stranded Conformation Polymorphism (SSCP) method to identify two related freshwater prawn species: <i>Macrobrachium rosenbergii</i> (De Man) and <i>Macrobrachium malcolmsonii</i> (Milne Edwards) – A preliminary investigation</b> <i>Karunasagara, J.D.K. and Munasinghe, D.H.N.</i>		
1225-1245	<b>DF-03</b>	<b>Classification and regression trees to predict the species of an unidentified <i>Puntius</i> specimen</b> <i>Thilan, A.W.L.P., De Silva, M.P.K.S.K. and Jayasekara, L.A.L.W</i>		
1245-1305	<b>AA-06</b>	<b>Assessment of per capita Carbon Footprint: A case study, Faculty of Agriculture, University of Ruhuna</b> <i>Awanthi, M.G.G. and Navaratne, C.M.</i>		
1305-1400		<b>LUNCH BREA K E</b>		
		<b>Technical session D II</b>	<b>Biological Sciences</b>	<b>Chairperson: Prof . L.P. Jayatissa</b>
1400-1420	<b>DA-01</b>	<b>Differences of soil quality observed in three biogenic structures of ‘soil engineers’ in Matara.</b> <i>Gunawardhana, D.C.E., Nisansala, M.K.T, Sandamali, W.M.I. and Munasinghe, D.H.N.</i>		
1420-1440	<b>DA-02</b>	<b>Investigation of anti oxidant activity of <i>Fluggea leucopyrus</i></b> <i>Bulugahapitya, V.P. and Madhuranga, B.K.S.</i>		
1440-1500	<b>DA-03</b>	<b>Effect of “PRINSO” (a washing powder) exposure on the rat skin</b> <i>Dayasiri, P.B.I.A.K. and Chandana, E.P.S.</i>		
1500-1520	<b>AA-04</b>	<b>Direct plantlet regeneration of Dragon fruit (<i>Hylecereus undatus</i>) from leaf and stem explants on tissue culture medium</b> <i>Dahanayake, N., Ranawake, A.L., Senadhipathy, D.D. and Pushpakumari, H.W.L.</i>		
1520		<b>Tea</b>		

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