

PROGRAMME - RISTCON 2015

22nd January 2015

Time	Abstract No	Topic
08.00 – 12.30	Registration and INAUGURAL SESSION	
12.30 – 13.30	Lunch Break	
13.30 – 14.30	Invited Presentations: Prof. UpulWijayantha <i>Laughborough University, UK</i> “Recent Research Advances at ERL”	
14.30 – 15.00	Tea Break	
Session B1 Chairperson: Prof. UpulWijayantha		
15.00	B-008	Development of a User Friendly Anticorrosive Electroplating Process <i>P.Y. Liyanage, M. N. Kaumal</i>
15.15	B-009	Preliminary Investigation of Wound Healing Activity of Stem Bark Extract of <i>Ficusracemosa</i> Linn. <i>N.S. Bopage, K.H. Jayawardena, S.C. Wijeyaratne, A.M. Abeysekera, G.M.K.B. Gunaherath</i>
15.30	B-010	SnO₂ as a Cathode Material For Rechargeable Mg Batteries <i>H.N.M. Sarangika, G.K.R. Senadeera, M.A.K.L. Dissanayake, K.V.L. Amarasinghe, W.A.R.B. Weerasekera, V.A. Seneviratne</i>
15.45	B-021	Aryloxy-substituted Tetraphenylethylene Derivatives for the Preparation of ElectroactiveDendrimers <i>S. H. Wadumethrige, R. Rathore</i>
16.00	B-013	A Preliminary Study of a New Chromogenic sensor Derived from Phenolphthalein for Fluoride Analysis <i>A.S. Dissanayaka, K. Liyanage</i>
16.15 – 17.15	Invited Speech: Prof. SarathKotagama <i>Department of Zoology, University of Colombo</i> “Integration of natural resources in development through research”	

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Session B2 Chairperson: Dr. WimalUbhayasekera		
08.30	B-023	Degradation of vulcanized natural rubber using locally available natural oils <i>R.M.M.D. Rathnayake, C.K. Jayasuriya</i>
08.45	B-025	Reinforcement of natural rubber using a hybrid filler derived from mineral silica and In-situ precipitated silica <i>K. V. M. Chathurangani, C. K. Jayasuriya</i>

09.00	B-027	Synthesis of Ag-Neem Plant Extract Nanocomposites By Microwave Irradiation and Evaluation of their Antibacterial Activities <i>R.H.W. Gunasekera, P.B.D.D. Bandara</i>
09.15	B-028	Effects of Extraction Solvent on the Total Phenolic and Flavonoid content extracted from Orange Colored Kiwifruit (<i>Actinidiamacroserma</i>L.) <i>S.K. Hettihewa, Y. Hemar</i>
09.30 – 10.30	Invited Presentation: Prof. Naoki Hirotsu <i>Toyo University, Japan</i> “The genetic control of rice yield using novel genes”	
10.30 – 11.00	Tea Break	
11.00 – 12.00	Invited Presentations: Dr. Saman Seneweera (Session A & C) Dr. Wimal Ubhayasekera (Session B & D)	
12.00 – 13.15	Lunch Break	
13.15 – 14.15	Poster session	
Session B3 Chairperson: Prof. Upul Wijayantha		
14.15	B-031	Morphological and mechanical properties of epoxy composites containing banana pseudostem cellulose nanocrystals <i>L.A. Panamgama, N.M.A.K. Nawarathna</i>
14.30	B-034	Treatment of Textile Effluents Using a Combination of Chemical/Physicochemical Processes <i>S.J.P. Ariyaratne, S. Wanniarachchi</i>
14.45	B-035	Preliminary Investigation on Selenium Levels of Some Consumable Food in Sri Lanka <i>S.R. Hettiarachchi, C.P.M. Marasinghe Wadige</i>
15.00	B-036	Preparation of Chemically Activated Carbons Using Agrowastes and Investigation of Their Surface Properties <i>M. Edussuriya, K.P.B.W. Kumudu</i>
15.15	B-037	Iron Nanoparticle Based Drug Delivery System For the Effective Treatment of Pancreatic Cancer <i>H. Manawadu, H. Wang, T.B. Shrestha, D.L. Troyer, S.H. Bossmann</i>
15.30 – 16.00	Tea	