

# Un-In Alliance 2015

On 05<sup>th</sup> January 2015

Venue: Biology Auditorium and C2 Lecture Theatre/Faculty of Applied Sciences,  
University of Sri Jayewardenepura

Time	Program	
08.00am-08.30am	Registration	
08.30am-08.35am	Lighting the Oil Lamp and University Song	
08.35am-08.40am	Welcome Address by Ms. K. V. D. H. K. M. Wijegunaratne	
08.40am-08.45am	Speech by Prof. Sudantha Liyanage - Dean, Faculty of Applied Sciences, University of Sri Jayewardenepura	
	<b>Oral Presentations</b>	
08.45am-09.15am	<b>Guest Speech 1</b> <b>by</b> <b>Dr. A. D. U. S. Amarasinghe/University of Moratuwa</b> <b>at Biology Auditorium</b>	
	<b>Polymer Science, Environment and Waste Management</b> <b>at</b> <b>Biology Auditorium</b>	<b>Industrial Relations and Management</b> <b>at</b> <b>C2 Lecture Theatre</b>
09.15am-09.35am	“Investigation of the permeation properties of unlined natural rubber gloves” by Ms. C. K. Karunanayake	“An analysis of the challenges and barriers of implementing of ISO 14001 in Orange Electric (PVT) Ltd” by Mr. K. S. K. H. Gunawardana
09.35am-09.55am	“Enzymatic effect on wet processing of cotton fiber” by Ms. W. D. C. J. Premarathna	“Occupational Health And Safety Management Systems: an analysis of effectiveness in Orel Corporation (PVT) Ltd, Sri Lanka” by Mr. C. D. Kannangara

09.55am-10.15am	<p>“An evaluation of wastewater treatment methodologies used by textile industries to identify the gap for achieving zero wastewater discharge”</p> <p>by Ms. M. P. P. P. Weeraratne</p>	<p>“An investigation of the pharmaceutical products and services distribution in healthcare systems; case study evidenced on Hemas Capital Hospitals (PVT) Ltd Sri Lanka”</p> <p>by Ms. G. K. S. Manamperi</p>
10.15am-10.35am	<p>“Effect of polyurethane based anti-pilling agents on polyester-cotton blended fabrics”</p> <p>by Mr. K. A. H. Fernando</p>	<p>“The relationship between working capital management and profitability evidence”</p> <p>by Ms. H. D. R. Gunawardana</p>
10.35am-11.00 am	<p style="text-align: center;"><b>Tea Break</b></p>	
11.00am-11.20am	<p>“Estimation of committed effective radiation dose due to the consumption of marine fish species by an adult in Sri Lanka”</p> <p>by Ms. D. T. D. Danneruwa</p>	<p>“Identification of barriers and constraints in cleaner production implementation &amp; changing them into enabling measures”</p> <p>by Ms. R. C. Sanjeevani</p>
11.20am-11.40am	<p>“Compare the effects of acrylic based anti-pilling agents on polyester-cotton blended fabrics”</p> <p>by Mr. T. C. G. Siriwardena</p>	<p>“Attitudes towards biodegradable plastics”</p> <p>by Ms. D. W. M. T. Hemachandra</p>
11.40am-12.00 noon	<p>“Effective wetting agent for textile coloration”</p> <p>by Ms.M. A. T. L. Abhayadewa</p>	<p>“The impact of work life balance on employee job satisfaction”</p> <p>by Ms. M. P. Bandulasena</p>
12.00noon -12.20pm	<p>“Enhancement of resource efficiency in Sri Lankan industries through advance technologies”</p> <p>by Ms.W. M. A. S. Bandara</p>	<p>“Developing human value stream through lean system in MAS Active – Sleekline”</p> <p>by Mr. V. A. A. Gunawardana</p>
12.20pm-01.30pm	<p style="text-align: center;"><b>Lunch</b></p>	
01.30pm-2.00pm	<p style="text-align: center;"><b>Guest Speech 2</b> by <b>Prof. Preethi Udagama/University of Colombo</b> <b>at Biology Auditorium</b></p>	

	<b>Chemistry and Material Science at Biology Auditorium</b>	<b>Statistics and Information Technology at C2 Lecture Theatre</b>
02.00pm-2.20 pm	“Identification of a compatible biocide as an in-can preservative to increase the shelf life of algae fert solid K+ liquid fertilizer” by Ms. K. K. L. Ruwanthi	“Development of an optimal index to the Colombo stock exchange” by Ms. N. I. U. P. Abeygunawardene
02.20pm-02.40pm	“Development of the existing MDF board by adding suitable chemicals to reduce fungal attack” by Ms. Y. M. M. Nipunika	“Forecasting daily cash loading amounts for automated teller machines” by Mr. A. M. C. K. Bandara
02.40 pm-03.00pm	“Studying the production process of alloy conductor 6201 for improving its physico-mechanical properties” by Ms. S. L. Samaranayake	“Forecasting regional water demand in Sri Lanka” by Ms. D. P. D. T. Bhagya
03.00 pm-03.20pm	“Monitoring water quality in public water systems: a study based on main reservoirs of Ambatale water treatment plant” by Ms. K. D. N. Wijayawardana	““IPOT” shop alert system: location aware promotion platform, for consumers attraction” by Mr. G. G. D. Gunasinghe
03.20 pm-03.40pm	“Preparation of a ceramic floor tile body containing sodium carbonate as strengthening agent, for Lanka floor tile PLC” by Mr. S. I. A. P. Diddeniya	“Designing an ambulance detector to change traffic light timing” by Ms. W. T. A. Darmasena
03.40 pm-05.10pm	<b>Poster Session + Tea Break</b>	
05.10 pm-05.40 pm	Awards Ceremony	
05.40 pm-05.50pm	Concluding remarks and vote of thanks given by Mr. K. A. H. Fernando	