



International Research Symposium on Pure and Applied Sciences, 2017

Faculty of Science, University of Kelaniya, Sri Lanka

Multidisciplinary Research – Presentation Schedule - Session 1

Venue: Room A4 – 104, Department of Industrial Management

Session Chair: Dr. J. N. Nanayakkara

Plenary Speech	Time	Plenary Speech Title and Author
	1100-1115	Creative fusion of scientific methods with mathematics and computing Prof. Asoka S Karunananda

Abstract No	Time	Title and Author(s)
MO-01	1120-1135	Simulation-based modeling approach for collaborative supply chains from the perspective of apparel industry R. D. S. Lakmal and T. D. Rupasinghe
MO-02	1135-1150	Simulation-based solution approach for resilient supply chain network design for retail supply chains D. A. Silva and T. D. Rupasinghe
MO-03	1150-1205	Supply chain collaboration for sustainable Industry 4.0: A case study from the apparel industry D. D. Gamage and T. D. Rupasinghe
MO-04	1205-1220	A multi-pronged approach to assess informational efficiency of the Colombo Stock Exchange P. G. S. Upeksha and Suren Peter
MO-05	1220-1235	Customer perceived quality management practices and organizational performance: Case of private healthcare sector in Sri Lanka B. A. Sowmiya and Suren Peter
MO-06	1235-1250	A conceptual framework to assess supply chain risk in the apparel industry Hasitha Erandi and Suren Peter
MO-07	1250-1305	Consumer behavior models and microfinance in Sri Lanka: A systematic review of literature Vishvajinee Senasinghe and Suren Peter
		<i>1305 - 1400: Lunch</i>



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Multidisciplinary Research – Presentation Schedule - Session 2

Venue: Room A4 – 104, Department of Industrial Management

Session Chair: Dr. P. L. S. Peter

Abstract No	Time	Title and Author(s)
MO-08	1400-1415	Impact of lean supply chain strategies and third-party logistics (3PL) outsourcing on the supply chain performance V. K. Tharaka, R. N. Suraweera and N. W. K. Galahitiyawwe
MO-09	1415-1430	Default risk and debt recovery strategies of microfinance providers: A comparative study in Sri Lanka B. L. W. Kalpani and R. Abeysekera
MO-10	1430-1445	The strategic relationship building through value procurement: A systematic review of literature from the apparel industry K. N. P. Karunarathna, P. M. D. Rasanjani, M. M. Weerasekara and T. D. Rupasinghe
MO-11	1445-1500	An optimization model to allocate most suitable team members for software development projects Thilini Dharmasena and Annista Wijayanayake
MO-12	1500-1515	Optimizing the allocation of employees for training programmes Buddhika Wickramarachchi and Annista Wijayanayake
MO-13	1515-1530	Business transformation through technology adoption: Special reference to rice millers in Eastern Province, Sri Lanka S. Athambawa, A. P. R. Wickramarachchi and C. Puspakumara
MO-14	1530-1545	Application of Markov theory for inventory and cost analysis: Case study for tyre re-treading in automobile company N. B. Helarathna and Annista Wijayanayake
MO-15	1545-1600	Determinants of financial self-sufficiency of registered microfinance institutes in Sri Lanka N. Ramunahar and Annista Wijayanayake
		<i>1600-1630: Tea and Poster Session</i>



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Multidisciplinary Research – Presentation Schedule - Session 3

Venue: Room A4 – 104, Department of Industrial Management

Session Chair: Dr. U. P. K. Epa

Abstract No	Time	Title and Author(s)
MO-16	1630 – 1645	Cardio forecast: A multi criteria weighted voting ensemble model for the prediction of cardiovascular disease level F. Zahara Kitchilan and W. G. D. M. Samankula
MO-17	1645-1700	Nutritional status and lifestyle practices of undergraduates of Faculty of Science, University of Kelaniya B. T. J. Fernando, G. W. A. A. N. Fernando, K. R. K. Fernando, M. R. A. S. Fernando, W. G. Fernando and A. Kasturiratne
MO-18	1700-1715	Determination of Multiple Antibiotic Resistant (MAR) and MAR Index in bacteria isolated from Aquaculture Farms G. Y. Liyanage and Pathmalal M. Manage
MO-19	1715-1730	A study on sorption of Cd(II) onto chitosan derivatives K. A. S. Samaranayaka and C. S. K. Rajapakse
MO-20	1730-1745	A simple and rapid UV-Visible spectrophotometric method for determination of Mercury (II) using TMPyP in aqueous solutions A. H .P. Hettiarachchi and C. S. K. Rajapakse
MO-21	1745-1800	Model study on the adsorptive removal of nickel and cobalt ions from waste water using clay soil as a natural adsorbent C. A. U. K. Kumarihami, S. Kulathunga and S. S. Subramaniam
MO-22	1800-1815	Monitoring the accumulation of polycyclic aromatic hydrocarbons in the water bodies around Kelanitissa and Kerawalapitiya power plants in Sri Lanka H. M. H. B. Chandrasiri, F. T. Doole and S. S. Subramaniam