

Date	16th December 2018			
Venue	Magulmaduwa	Umagaya I	Umagaya II	Tea Room
08.00 - 08.30	Registration			
08.30 - 10.30	TS 2.1 Session: Sustainable Manufacturing Towards Operations I Session Chair: Dr. K. Jayakrishna & Prof. Sunil Sharma	TS 2.2 Session: Operation Research Session Chair: Dr. Amalika Pindiyarachchi & Prof. Xenophon Koufteros	TS 2.3 Session: Logistics and Supply Chain Management Session Chair: Prof. Shams Rahman & Ms. Gayani De Alwis	
09.00 - 09.15	18 Factors that drive green procurement implementation and its impact on firm performance: An Indian study, Manimay Ghosh (Xavier Institute of Management, India)	29 Optimal Fleet Assignment Using Ant Colony Algorithm (ID 29) Rashid Anzom (Bangladesh University of Textiles), M. Ahsan Akhtar Hasin (Bangladesh University of Engineering and Technology, Bangladesh)	109 How Sourcing of Interdependent Components affects Quality in Automotive Supply Chains, Tharanga Rajapakse (University of Florida, United States), Suresh Muthulingam (The Pennsylvania State University, United States), Anupam Agrawal (Texas A&M University, United States)	
09.15 - 09.30	34 The challenges of GSCM implementation in the UK manufacturing SMEs, Vikas Kumar , Shahruzzaman Sabri (The University of Warwick, United Kingdom), Jose Arturo Garza-Reyes, Simon Peter Nadeem (University of Derby, United Kingdom), Archana Kumari (University of the West of England, United Kingdom), Supalak Akkarangoon (Khon Kaen University, Thailand)	56 Cluster-based Vehicle Routing Optimization approach for Pharmaceutical Supply Chains (PSC), Hiruni Niwunhella , Thashika Rupasinghe (University of Kelaniya, Sri Lanka)	20 Supply Management & Ethical Decision Making: A Behavioral Experiment, Xenophon Koufteros , Xingzhi Jia (Texas A&M University, United States)	
09.30 - 09.45	55 Commitment Mechanism and Auditing for Enhancing Supplier's Compliance to Sustainability Code of Conduct, Nagesh Murthy , Hossein Rikhtehgar Berenji, Zibin Yang (Lundquist College of Business, University of Oregon, United States)	108 Global sourcing decisions: a multivariate analysis approach, Di Li, (Birmingham City University, United Kingdom) Jan Godsell , (W.M.G. University of Warwick, United Kingdom), Antonios Karatzas (Norwich Business School, United Kingdom) Joshua Ignatius, (W.M.G. University of Warwick, United Kingdom)	60 Determinants of Automated Teller Machine Loading Demand Requirements in Sri Lankan Cash Supply Chains, Kalpani Perera, Uthpalee Hewage (University of Moratuwa, Sri Lanka)	Enhancing Sri Lanka's Logistics Performance to integrate with Global Supply Chains
09.45 - 10.00	120 Designing supply contracts: When "going green" and CSR come together, Mithu Rani Kuiti , Preetam Basu (Indian Institute of Management Calcutta, India), Debabrata Ghosh (Malaysia Institute for Supply Chain Management, Malaysia)	73 A novel framework and effective scheduling of cross docking center for multi-objective truck scheduling problem, Vijayakumar Manupati (NIT WARAN-GAL), Siddharth Madan, Somnath Lahiri, Jayakrishna K (VIT University, India)	169 Refining Logistics Performance of Third-Party Logistics Firms. A study of Commercial Road Freight Transport Sector in Zimbabwe, Wiseman Muchaendepi , Charles Mbohwa (University of Johannesburg, South Africa), James Kanyepe (Chinhoyi University of Technology, Zimbabwe)	
10.00 - 10.15	144 Suppliers' commitment and dependability: Their role in the diffusion of sustainability practices, Cristina Gimenez Thomsen (ESADE Business School- Universitat Ramon Llull, Spain), Cristina Sancha (OBS Business School, Spain), Christina Wong (The Hong Kong Polytechnic University, Hong Kong), Annachi-ara Longoni (ESADE Business School- Universitat Ramon Llull, Spain)	23 Contracts with asymmetric information about supply reliability and effort for its improvement, Xi Shan (The University of Texas at Dallas, United States), Chenglin Zhang (Southwestern University of Finance and Economics, Chengdu, China), Suresh Sethi, (The University of Texas at Dallas, United States)	101 Cost impact of urban time windows restrictions on movement of spare parts in automotive supply chain using MCDM/A Chitresh Kumar (Jindal Global Business School, India), Tas Vijayaraghavan, Abhishek Chakraborty (XLRI, India), Russell Thompson (Univ. of Melbourne, Australia)	
10.15 - 10.30	181 Modelling Sustainable Manufacturing practices for plastic part manufacturing organization using Interpretive structural Modeling, Pawan Goel , Jayakrishna Kandasamy (Vellore Institute of Technology, India), G. Logesh (Sri Venkateswara College of Engineering, Chennai, India), Vijayakumar Manupati, K.E.K. Vimal (National Institute of Technology, India)		15 An integrated warehouse design and optimization modelling approach to enhance supply chain performance, Thashika Rupasinghe (Dept of Industrial Management University of Kelaniya, Kelaniya, Sri Lanka), Sadna Dissanayake (Hayleys Advantis Limited Colombo, Sri Lanka)	
10.30 - 11.00	Tea			Key Note 6 : Prof. Yan
11.00 - 13.00	Houmin, City University of Hong Kong, Hong Kong Key Note 7 : Prof. Jose Arturo Garza-Reyes, University of Derby, UK			
13.00 - 14.00	Lunch			
14.00 - 15.30	TS 2.4 Session: Sustainable Manufacturing Towards Operations II Session Chair: Prof. Tharanga Rajapaksha & Dr. Anura Manjupura	TS 2.5 Session: System Modelling, Simulation and Optimization of Manufacturing Session Chair: Dr. Chanaka Senanayake & Dr. Kushan Wijesundara	TS 2.6 Session: Lean and Agile Manufacturing/ Quality Planning and Six Sigma Session Chair: Dr. Premila Gamage & Dr. S. Maheshwaran	
14.00 - 14.15	13 Reverse logistics models for the collection of Waste Electrical and Electronic Equipment: the Brazilian case, Marcos Dieste (University of Padova, Italy), Arcione Ferreira Viagi (Universidade de Taubaté, Brazil), Roberto Panizzolo (University of Padova, Italy), Reinaldo Fagundes Dos Santos, Fernando Augusto Silva Marins (UNESP, Brazil)	140 A Simulation Based Study on Multi-echelon Repairable Parts Inventory Control of Public Transportation System, Sourmyajoti Datta , Rohit Kapoor (Indian Institute of Management Indore, India)	71 A conceptual framework to assess the applicability of implementing Agile Manufacturing techniques, Lakshmi Withanagamage , Mrs. R.M.V.S. Rathnayake (University of Moratuwa, Sri Lanka), Dr. Erandi Wat-tegama (Wayamba University of Sri Lanka, Sri Lanka)	
14.15 - 14.30	45 A review on the impact of process energy on the environmental performance of milling, K.P.M. Priyankara , J.R. Gamage, K.H.I. Mangala (University of Moratuwa, Sri Lanka)	52 Simulating Cutting Line of a Furniture Industry, Ab-dur Rahman, Sudipa Sarker , Md. Tawhidul Islam (Bangladesh University of Engineering and Technology, Bangladesh)	90 Investigation and comparative study on safe bio-packaging in dairy industry using Value Stream Map-ping, Aravind Raj Sakthivel , Jayakrishna Kandasamy, Pushparaj Rm (Vellore Institute of Technology, India), Balasubramanian K (Bharath Institute of Higher Education and Research, India), Mohamed Thariq Bin (Universiti Putra Malaysia, Malaysia)	Enhancing Sri Lanka's Logistics Performance to integrate with Global Supply Chains
14.30 - 14.45	50 Remanufacture for Sustainability: review of the barriers and the solutions to promote remanufacturing, H.N.W. Gunasekara , J.R. Gamage, H.K.G. Puchi-hewa (University of Moratuwa, Sri Lanka)	136 Examining the Rhythm of Dynamic Team Communication, Sara McComb (Purdue University), Deanna Kenne-dy (University of Washington Bothell)	157 An empirical investigation of relationship between lean and human factors: A structural equation model approach, Puneet Goel, Sakthi T. Jayapaul R. (National Institute of Technology, India)	
14.45 - 15.00	51 Investigation on the Factors Affecting the Sustainability of SME Industries in Southern Province of Sri Lanka, Haresankar Jayasankar , Udayanga Galappaththi (Department of Mechanical and Manufacturing Engineering, Faculty of Engineering, University of Ruhuna, Sri Lanka), Ranjika Perera (Faculty of Engineering, University of Ruhuna, Sri Lanka)	41 Size Matters, So Does Duration: The Interplay between Offer Size and Offer Deadline, Zhenyu Hu (NUS Business School, Singapore), Wenjie Tang (Institute of Operations Research & Analytics, National University of Singapore, Singapore),	146 Towards a Strategic Financial Perspective for Interpreting the Costs of Quality, Shane Schvaneveldt (Weber State University, United States)	
15.00 - 15.15	61 Development of a Social Life Cycle Assessment framework for manufacturing organizations, Ben Ruben (Sri Krishna College of Engineering and Technology, India), Prasanth Menon (PSG COLLEGE OF TECHNOLOGY, India), Raja Sreedharan (AMRITA SCHOOL OF BUSINESS, India)	141 Risk pooling approach in multi-product multi-period inventory control model under uncertainty, Peeyush Vats , Jayant Kishor Purohit (Poornima College of Engineering, India), Gunjan Soni, Ajay Pal Singh Rathore (Malaviya National Institute of Technology, India)	152 Process Improvement Through Six Sigma Approach In A Gas Manufacturing Plant In Sri Lanka, Chatura Manamperi , R. A. Ekanayake, P. Gamage (University of Peradeniya, Sri Lanka)	
15.15 - 15.30	124 An Investigation on The Eco-Labeling System in Sri Lanka, Leeza De Silva , Asela Kulathunga (University of Peradeniya, Sri Lanka)	36 Business view on the development of industrial plant-wide optimization tool, Jukka Hemilä , VTT Technical Research Centre of Finland Ltd., Finland) Jani Jansson (Outotec Oyj, Finland)		
15.30 - 16.00	Tea			
16.00 - 17.30	TS 2.7 Session: Service Operation Session Chair: Dr. Erandi Wattedegama & Prof. Bala Shetty	TS 2.8 Session: Risk & Reliability Session Chair: Dr. Ruwan D. Nawarathne & Dr. C.S Bandara	TS 2.9 Session: Sustainable Manufacturing Towards Operations II Session Chair: Prof. Ray Venkataraman & Mr. S. Peiris	
16.00 - 16.15	93 Police Staffing and Workload Assignment in Law Enforcement Using Multi-Server Queueing Models, Xin Zhai , Jingchen Liu (Peking University), Zhongyi Liu (People's Public Security University of China), Guanying Wang (Tianjin University, China)	16 A Sustainable Vehicle Routing Problem for Indian Agri-Food Supply Chain Network Design, Saurabh Pratap , Rakesh Patidar, Bellamkonda Venkatesh, (Indian Institute of Information Technology, Design & Manufacturing, Jabalpur, M.P., India), Yash Daultani (Indian Institute of Information Technology and Management, Gwalior, India)	159 Development of Sustainability of Traditional Cottage Industries, H M M Jayawickrama, A K Kulatunga (University of Peradeniya)	
16.15 - 16.30	94 An Empirical Study of the Dynamics in Employee Turnover, Zhijian Cui (Nazarbayev University Graduate School of Business, Kazakhstan), Lilun Du (The Hong Kong University of Science and Technology, Hong Kong), Hongping Li (University of Science and Technology of China, China)	27 The Sustainable Forward and Reverse Supply Chain Network Design for New and Refurbished Products (ID-27), Saurabh Pratap , Harpreet Singh (Indian Institute of Information Technology, Design & Manufacturing, India), Mengdi Zhang (School of Internet of Things, Nanjing University of Posts and Telecommunications, Nanjing, China), Pramod Kumar Jain (IIT Roorkee, India)	32 Development of the conceptual framework to capture real time data using IoT for parametric modeling of life cycle assessment: Case study of tea processing industry in Sri Lanka, Sivapirakasam Kamalakanna, A K Kulatunga (University of Peradeniya)	Enhancing Sri Lanka's Logistics Performance to integrate with Global Supply Chains
16.30 - 16.45	105 Embedding Priority UNSDG's in Corporate strategy (Paper ID 105) Luk Van Wassenhove , (INSEAD France) Ravi Fernando (INSEAD France)	122 Developing An Employee Performance Evaluation Framework In An Indian Automobile Firm Using Ahp, Bhumika Chaturvedi (Nagarro Software Pvt Ltd, India), Yash Daultani (ABV-IIITM Gwalior, India), Mayanka Singh Chhonker (AURO University, India)	81 Process optimization plan to enhance sustainability in ceramic tile industry with Life Cycle Assessment: Case study of floor tile manufacturing factory in Sri Lanka, Rajitha Peiris, A K Kulatunga (University of Peradeniya)	
16.45 - 17.00	114 Technology Transfer Solution for SMEs in Sri Lanka through University-Industry Collaboration, Chamini Rodrigo , Udayanga Galappaththi, Kavindu Kariya-wasam, Rakshitha Gunaratna, Jinendra De Silva, Lakshman Samarawansa (Faculty of Engineering, University of Ruhuna, Sri Lanka)	47 Benchmarking wholesale stores productivity using data development analysis, ankit kumar (tata consultancy services), yash daultani (abv-indian institute of information technology and management, gwalior), saurabh pratap (Indian institute of information technology, Design & Manufacturing, Jabalpur, M.P., India)	155 An Application of Chemical Leasing Model for Wastewater Treatment of apparel industry in Sri Lanka: Case study Lakmini Edirisinghe, A K Kulatunga (University of Peradeniya)	
17.00 - 17.15	154 Enablers of Hotel's Risk Management Orientation: Impact on Hotel Supply Chain Agility, Resilience and Performance, Dr. Santanu Mandar (Amrita School of Business, Amrita Vishwa Vidyapeetham, Coimbatore, India)		32 Multi criteria decision making techniques to select appropriate renewable energy technology for microgrid perspective, Nallanathan Sakthivelnathan (faculty of technology, university of jaffna, srilanka), Dr. asela kulatunga (university of peradeniya)	
17.15 - 17.30	123			
17.30 - 18.30	Awards & Closing Ceremony (MH)			
18.30 - 22.30				