

UNIVERSITY OF MAURITIUS

UoM Research Week 2017

Faculty of Information, Communication & Digital Technologies Research Day

Venue: LT1/G1, University of Mauritius

Tuesday 19 September 2017

TIME/VENUE	LT1	G1
09.00 – 09.15	Registration of Participants	
09.15 – 09.20	Welcome Address by Master of Ceremony	
09.20 – 09.35	Address by Dean FoICDT	
09:35 – 10:00	Keynote Address by Mr V. Mooneegan, Senior Vice President & Managing Director, Ceridian HCM Mauritius	
10.00 – 10.15	<i>TEA BREAK</i>	
	Session Chair: Assoc Prof (Dr) Moonian	
10.30 – 10.45	Address By Faculty Research Advisor	
10.45 – 11.00	Address by Pole of Research Excellence (PRE), Dr (Mrs) Baichoo	
11.00 – 11.15	Computational methods for feature selection in the context of gene expression profiling and biomarker discovery: robust and novel methods Z Mungloo-Dilmohamud , Department of Digital Technologies, UoM	
11.15 – 11.30	Computational Analysis for Understanding Evolution of Infectious Diseases S Baichoo , <i>Dr (Mrs)</i> , Department of Digital Technologies, UoM	
11.30 – 11.45	Adaptive Slime Mold Algorithm for Sustainable Transport Development K Heeroo , Department of Software Information Systems, UoM	
11.45 – 12.00	<i>Discussion</i>	
12.00 – 13.00	<i>LUNCH</i>	

Session Chair: Dr Y. Chuttur		Session Chair: Dr M Heenaye – Mamode Khan	
13.00 – 13.15	An adaptive ERP analytics framework integrated with Big Data Z Cadessaib , Department of Software Information Systems, UoM	Data Management in Erasure-Coded Distributed Storage System A Chiniah , Department of Digital Technologies, UoM	
13.15 – 13.30	AMBLE: A Content Adaptation Framework for the Delivery of Personalized Learning Elements B Curum , Department of Digital Technologies, UoM	Performance Evaluation of an IPv6 Addressing Based IoT Smart Wireless Sensor Network A Mungur, Dr , Department of Information & Communication Technologies, UoM	
13.30 – 13.45	ERP research status in Mauritius Z Cadessaib , Department of Software Information Systems, UoM	An integrated resource for computational analysis of human genetic diseases A Ghoorah, Dr (Miss) , Department of Digital Technologies, UoM	
13.45 – 14.00	An Adaptive Privacy Framework for Proximity Based Social Networking (PBSN) A Mocktoolah , Department of Information & Communication Technologies, UoM	MINioN: A Modularity Maximization Algorithm to Identify Disease Modules in PPI Networks A Ghoorah, Dr (Miss) , Department of Digital Technologies, UoM	
14.00 – 14.15	<i>Discussion</i>		<i>Discussion</i>
14.15 – 14.30	<i>TEA BREAK</i>		
Session Chair: Dr N Chooramun		Session Chair: Dr Mungur	
14.30 – 14.45	Optimal Wireless Sensor Network Topologies for Urban Drainage Monitoring System in Smart Cities K Khedo, Associate Professor (Dr) , Department of Digital Technologies, UoM	Design and implementation of a UDP tunnel for OPENSSH I Coonjah , UoM	
14.45 – 15.00	Recent Advances on Internet of Things Technologies for Precision Agriculture V Ramdoo , Department of IT, Faculty of IT, Design, and Communication, Charles Telfair Institute, Moka, Mauritius	Trust-Based Reputation Management System (TRMS) Framework for Ubiquitous Environment J Seetohul , Department of Information & Communication Technologies, UoM	
15.00 – 15.15	Analysis and Implementation of Fusion in Biometric V Makoollall , Department of Software Information Systems, UoM	A Survey of Body Sensor Network for Diabetes Patients Monitoring G Huzooree , Department of Information Technology, Charles Telfair Institute, Moka, Mauritius	
15.15 – 15.30	User Authentication and Secure Image Transmission System R Monique , Department of Information & Communication Technologies, UoM	Data Analytics for Real-Time Disease Outbreak Management and Surveillance in Mauritius K Khedo , Associate Professor (Dr), Department of Digital Technologies, UoM	
15.30 – 15.45	Legal and Ethical Considerations of Biometric Data Storage in Mauritius S Baichoo, Associate Professor (Dr) , Department of Software Information Systems, UoM	<i>Discussion</i>	
15.45 – 16.00	<i>Discussion</i>		