

UNIVERSITY OF MAURITIUS RESEARCH WEEK 2013
FACULTY OF ENGINEERING
DATE: 16th September 2013

Registration of Participants	09.00-09.30
Opening Ceremony	09.30-10.00
Refreshment	10.00-10.30
Speech by Keynote Speaker, Mr Osman MAHOMED, Executive Chairman, Commission on Maurice Ile Durable, in Lecture Theatre 1	10.10-10.30

THEME/TOPICS: Innovative Computing Technologies

VENUE : LT1- New Academic Complex

Session Chair: Associate Professor S. Baichoo

No	NAME OF AUTHOR(S)	TITLE OF ABSTRACT	TIME
1	A.Chiniah	<i>IPv6 Adoption in Mauritius</i>	10.30-10.50
2	A.Chiniah	<i>Erasure-Coded Distributed Storage Systems in Peer-to-Peer Environment</i>	10.50-11.10
3	T. Bakunzi,S.Baichoo	<i>A Review of Face recognition algorithms under uncontrolled environment</i>	11.10-11.30
4	D.Jaguessur,J.Seetohul,S.Pudaruth,	<i>MoBatrieE: A Personalised Profile-Based Intelligent and Adaptive Energy Manager</i>	11.30-11.50
5	S Jeebun, R. Ramjug-Ballgobin, Y.Beeharry, T.Al- Ani	<i>Optimal Number of States in Hidden Markov Models and Application to the Detection of Human Movement</i>	11.50-12.10
6	S.Sonut,R.Balgobin,M.Heenaye-Mamode Khan,,	<i>Palmprint Biometric Template Using Advanced Hill Cipher</i>	12.10-12.30

Lunch

12.30-13.30

THEME/TOPICS: Renewable Energy

VENUE :Room G1 - New Academic Complex

Session Chair: Associate Professor K Elahee

No	NAME OF AUTHOR(S)	TITLE OF ABSTRACT	TIME
1	Y.K.Ramgolam,K.M.S.Soyjaudah	<i>Unveiling The Solar Resource Potential of Mauritius</i>	10.30-10.50
2	Y.K.Ramgolam,U.Chumun	<i>Holistic Thin Film Based Photovoltaic System Design, Evaluation and Optimisation</i>	10.50-11.10
3	A.Needroo, Y.K.Ramgolam	<i>Energy performance analysis of households in Mauritius</i>	11.10-11.30
4	P.Daumoo,D.Surroop	<i>Co-combustion of Coal and RDF</i>	11.30-11.50
5	R.Pandoo,K.Elahee	<i>Prospective of using waste heat for air conditioning in Mauritius</i>	11.50-12.10
6	N.Reetoo, P.Jeetah	<i>Potential of biogas generation from cattle waster and residues of cattle feed</i>	12.10-12.30

Lunch

12.30-13.30

THEME/TOPICS: Intelligent System & Wireless Communications**VENUE : Room G2- New Academic Complex****Session Chair: Associate Professor K Khedo**

No	NAME OF AUTHOR(S)	TITLE OF ABSTRACT	TIME
1	R.K.Sungkur,S.Beesoon,J.Boodhoo	<i>Adopting Cloud Computing in the Teaching and Learning process at the University of Mauritius – Benefits and Challenges</i>	10.30-10.50
2	R.K.Sungkur	<i>An investigation on the suitability of adopting Wireless Web Services for a Supermarket</i>	10.50-11.10
3	P.S.Jutton, R Ramjug-Ballgobin	<i>Pneumatic Actuation of a 2-Link Robotic System</i>	11.10-11.30
4	E.Mungra,V.Oree	<i>Design and development of a low-cost microcontroller-based irrigation system for sugarcane fields</i>	11.30-11.50
5	I.Narain,T.P.Fowdur	<i>Comparative Analysis of Spatial Error Concealment Algorithms for Video Transmission</i>	11.50-12.10
6	M.F.Korumtollee,T.P.Fowdur	<i>Performance Analysis of OFDM with Variable FFT Size in Wi-Fi Systems</i>	12.10-12.30
Lunch			12.30-13.30
Speech by Keynote Speaker, Dr Arjoon SUDDHOO, Executive Director, Mauritius Research Council, in Lecture Theatre 1			13.30-13.50
THEME/TOPICS: Sustainable Infrastructure			
VENUE : LT1- New Academic Complex			
Session Chair: Associate Professor M. Nowbuth			
No	NAME OF AUTHOR(S)	TITLE OF ABSTRACT	TIME
1	M.I.Mungroo,R.Rughooputh, J.Cheeneebash,	<i>The impacts, benefits and cost analysis of sustainable renovation to existing buildings in Mauritius and setting up of possible strategies</i>	13.50-14.10
2	N A Fokeerbux,R.Rughooputh	<i>The application of Polymer Coated Aggregates (PCA) in flexible pavement</i>	14.10-14.30
3	N.R.Gunesh,R.Rughooputh	<i>Use of waste plastics and scrap rubber tyre in bituminous pavement</i>	14.30-14.50
4	Z.Allam,M.K.Elahee	<i>Investigating the urban heat-island effect in Port-Louis, Mauritius</i>	14.50-15.10
5	G.Jamansing,D.Surroop	<i>Assessing the potential for sustainable buildings in Mauritius</i>	15.10-15.30
Refreshments			15.30-15.50

THEME/TOPICS: Environmental Technology**VENUE : G1- New Academic Complex****Session Chair: Dr V. Seebaluck**

No	NAME OF AUTHOR(S)	TITLE OF ABSTRACT	TIME
1	Z.Oozeer, V.Dookhun	<i>Carbon Footprint of refined cane sugar and impacts of implementing ISO 14067 to food products</i>	13.50-14.10
2	P.Agathe, V.Dookhun	<i>Assessing chemical exposures of planters and environmental risks during production of fruit and vegetable by SMEs in Rodrigues</i>	14.10-14.30
4	G.Thayalan, P.Jeetah	<i>Efficiency of removing hardness in water using Moringa Oleifera seed suspension</i>	14.30-14.50
5	A.Khoodaruth, R.Rughooputh	<i>Use of E10 to reduce GHG emissions in Mauritius</i>	14.50-15.10

Refreshments

15.30-15.50

THEME/TOPICS: Modelling and Evaluation**VENUE : G2- New Academic Complex****Session Chair: DrSayedHassen**

No	NAME OF AUTHOR(S)	TITLE OF ABSTRACT	TIME
1	C.Ramiah, Y.K.Ramgolam	<i>Behavioural Modeling and Simulation of Solar Modules under Real Weather Conditions in PSPICE</i>	13.50-14.10
2	S.Kishnah, S.Pudaruth	<i>A Study of the Information Literacy skills of Mauritian police officers</i>	14.10-14.30
3	S.Reega, A.Khoodaruth	<i>Utilisation of poke yoke to reinforce the implementation of total Productive Maintenance</i>	14.30-14.50
4	N.Roopaye, V.Dookhun	<i>Assessing the shortcomings in the local EIA process and proposal for reforms to adapt to medium scale energy projects for Mauritius</i>	14.50-15.10

Refreshments

15.30-15.50

UoM Research Week 16-20 September 2013

Faculty Research Day: Tuesday 17th September 2013

0930-1000	Keynote Speech by: Dr Hanitra Sylvia Andriamampianina in LT1				
1000-1015	Question Time				
1015-1030	Coffee Break				
Morning Sessions	LT1	Rm 1.1	Rm 1.2	Rm 1.4	Rm 1.5
	Panel 1-Cultural studies, Language, Media and Comunication	Panel 2- Cultural studies, Language, Media and Comunication	Panel 3- Cultural studies, Language, Media and Comunication	Panel 4- Cultural studies, Language, Media and Comunication	Panel 5- Cultural studies, Language, Media and Comunication
1030	Speaker 1 Farhad Abdool Kader Khoyratty <i>"The Natality of Bollywood at the End of Philosophy: A Temporal Reading of Mauritius at the Crux of the Old and New Indian Diasporas as Phenomenology of Choice"</i>	Speaker 1 Tejshree Auckle <i>"Youth Language in a Multilingual Context: The Case of E-Graffiti in Mauritius"</i>	Speaker 1 Ireena kanhye <i>"Advertising SUVs: A Social Semiotics Case Study"</i>	Speaker 1 Sachita Samboo <i>"Aqil Gopee et Ameerah Arjane, ou l'alchimie du Verbe mauricien »</i>	Speaker 1 Yannik Bosquet-Ballah and Oozeerally <i>"Une approche complexe, désordonnée, chaotique des faits de langue dans le contexte mauricien »</i>
1050	Speaker 2 Farhad Khoyratty and Samantha Rama <i>"The whole world is a work of art": Being-in-the-world and Virginia Woolf's painterly writing in The Waves"</i>	Speaker 2 Christina Chan-Meetoo <i>"Le Cinéma Mauricien: Typologie et Enjeux »</i>	Speaker 2 Rajen Suntoo and R. Rughooputh & and J. Moonsamy <i>"Facebook as a new form of culture for young people: A case study of the</i>	Speaker 2 S. Ozeerally <i>"Une relecture de l'évolution du Bhojpuri mauricien à travers la loupe des systèmes dissipatifs : une perspective rétro-anticipatrice"</i>	Speaker 2 Arnaud Carpooran <i>"L'impact factor : ses effets discriminatoires sur les sciences sociales</i>

			<i>Mauritian youths</i>		et humaines non-anglophones »
1110	Speaker 3 Farhad Khoyratty and Mushiirah Bibi Tegally <i>"An Analysis of Patriarchy in the Representation of the Tawaif (courtesan) in Umrao Jaan (Dutta, 2006)"</i>	Speaker 3 Kiran Mahadeo <i>"Language and Power Dynamics in Students' Interactions: A Case Study"</i>		Speaker 3 Kavita Daby <i>"Une peinture sociale philosophique, morale et politique : La Nausée, L'Âge de raison et Le Sursis de Jean-Paul Sartre"</i>	Speaker 3 Yannik Bosquet-Ballah <i>"Toponymie et néotonymie : enjeux de la dénomination des espaces mauriciens"</i>
1130-1140	Question Time				
1140-1245	LUNCH				
1245-1315	Keynote Speech by: Mr Phillippe Lam Shin Saw in LT1				
1315-1330	Question Time				
Afternoon Sessions	Panel 6-Banking, Finance	Panel 7- Governance		Panel 8-Gender	Panel 9-Education
1330	Speaker 1 Kheswar Jankee <i>'Estimating Quality of service in the Commercial Banking sector in Mauritius'</i>	Speaker 1 Tania Diolle and Riad Sultan <i>"The institutionalisation of ethno-political interests in the Mauritian Electoral System and its impact on governance"</i>		Speaker 1 Rajeev Pydayya <i>"Glass Ceiling Analysis: Evidence for Mauritius"</i>	Speaker 1 Darsheene Ramnauth <i>"Studying Empathy in "normal" children towards children with learning disabilities: A Probable Solution towards integration of the disabled in the mainstream "</i>
1350	Speaker 2 Indranarain	Speaker 2 Sheila Bunwaree and		Speaker 2 Verena Tandrayen	Speaker 2 Vidyaluxmi Mayaram

	Ramlall <i>"Do Financial Markets Mitigate CO2 Emissions Worldwide?"</i>	Laura Meunier <i>"Gender and Local Governance: An Overview of the 2012 Elections "</i>		<i>" High Fertility in Africa: Is Economic Growth the Best Contraception?"</i>	<i>" An Evaluation of the Effectiveness of the Curriculum, Pedagogy and Culture at Primary Level"</i>
1410	Speaker 3 Girash Gungaram <i>"Stock Market Integration in SADC"</i>	Speaker 3 Sheila Bunwaree and Bibi Mea <i>"A Gender Analysis of the 2010 – 2015 Legislature"</i>		Speaker 3 Rajen Suntoo <i>"Conjugal roles in Mauritian families with dual-earner couples"</i>	Speaker 3 Abdool Mohabuth <i>"The impact of formative assessment on students' own learning and development during Practice Learning"</i>
1430-1445	Question Time				
1445-1500	Coffee Break				
	Panel 11-Social Development	Panel 12-Social Development		Panel 13-Social Development	Panel 14-Social Development
1500	Speaker 1 Sanjeev Sobhee and Varuna Dreepaul <i>"Unravelling the Environmental Cost of External Trade in a Globalised World"</i>	Speaker 1 Asrani Gopaul <i>"The Mauritian experience of Social resilience and social development in the era of global capitalism: Myth or Reality for least developed African communities?"</i>		Speaker 1 Priya Raghoobar and Nicolas Ragoodoo <i>"The CSR and Sustainable Development Nexus"</i>	Speaker 1 Ibrahim Koodoruth <i>"A review of intended and unintended consequences of the use of automated speed cameras to reduce road crash: lessons learnt"</i>
1520	Speaker 2 Ruben Thoplan and Harshana Kasseeah <i>"Barriers faced by Small and</i>	Speaker 2 Darsheene Ramnauth <i>"Applying the Barefoot Principles towards Poverty</i>		Speaker 2 Nicolas Ragoodoo and A.Omarjee <i>"The Social Sustainability of the Financial Sector in</i>	Speaker 2 Sangeetah Seetulparsad and A. Gopaul <i>"An Assessment of the Welfare of Migrant Workers in the Garment</i>

	Medium-Sized Firms in Mauritius: An Analysis based on Neural Networks”	<i>Alleviation: The Case of La Valette , Bambous”</i>		Mauritius: Appearances and Realities”	<i>Factory of Mauritius 2013”</i>
1540	Speaker 3 Ruben Thoplan and Brinda Sooreea-Bheemul <i>“Growth Strategy: The Way Forward”</i>	Speaker 3 Selvi Armoogum <i>“Social Sustainability of Housing Development in Mauritius”</i>		Speaker 3 Rajen Suntoo <i>“Life Experiences and Living Conditions of Elderly Widowers in Mauritius”</i>	Speaker 3 Harshana Kasseeah <i>“Surviving Competition in a Post Multi-Fibre Arrangement (MFA) Era: Evidence from Mauritius”</i>
1600-1615	Question Time				

FACULTY OF SCIENCE: HARNESSING RESEARCH TOWARDS NATIONAL PROGRESS

No	NAME OF PRESENTER	THEME	TITLE OF ABSTRACT	TIME
1	R K Coonjobeharry	Financial and Computational Modelling	<i>An Alternating-Direction-Implicit Method for Pricing Convertible Bonds</i>	09H00-09H15
2	N Thakoor	Financial and Computational Modelling	<i>A New Algorithm for Pricing Path Dependent Options under a Local Volatility Model</i>	09H15-09H30
3	Z Auhammad	Financial and Computational Modelling	<i>Fitting the Canadian Term Structure of Zero Coupon Interest Rates using the Nelson Siegel Framework</i>	09H30-09H45
4	Z K Jaffur	Financial and Computational Modelling	<i>A Univariate Approach To Forecasting The Canadian Unemployment Rate</i>	09H45-10H00
5	N A Raman	Financial and Computational Modelling	<i>Modelling and Forecasting Unemployment Rates in Canada using the VECM Approach</i>	10H00-10H15
TEA BREAK (10H15-10H30)				
	KEYNOTE SPEAKER TALK			10H30-11H00
6	Y Haman	Financial and Computational Modelling	<i>Bankruptcy Prediction Model for Mauritian Private Firms: A logistic regression approach</i>	11H00-11H15
7	J K Sreekeessoon	Applied Mathematics	<i>Forecasting Water Storage For Reservoirs in Mauritius using ANN and SVR</i>	11H15-11H30
8	J Naggea and K Doollah	Applied Mathematics	<i>Optimization of Water Distribution Network Using Particle Swarm Optimization Algorithm</i>	11H30-11H45
LUNCH AND POSTER SESSION (11H45-13H00)				
9	N Seechurn	Applied Chemistry	<i>Determination of copper in urban sediments from the Grand River North West Catchment Area</i>	13H00-13H15
10	N Jaufeerally	Applied Chemistry	<i>Exploration of Novel Telluro-ketones: A Computational Approach</i>	13H15-13H30
11	L Rhyman	Applied Chemistry	<i>Theoretical Studies on Cycloaddition Reactions</i>	13H30-13H45
12	Z Dhunny	Applications in Physics	<i>Wind flow analysis over complex hilly terrains using CFD</i>	13H45-14H00
13	S Oree	Applications in Physics	<i>A Demonstration Kit For Near-Field Wireless Power Transfer</i>	14H00-14H15
14	K Gungah	Applications in Physics	<i>An assessment of the RFI environment at some locations in Mauritius for Radio Astronomy applications</i>	14H15-14H30
TEA BREAK AND POSTER SESSION (14H30-15H00)				

UNIVERSITY OF MAURITIUS RESEARCH WEEK 2013

FACULTY OF SCIENCE

DATE: WED 18th September 2013, Venue: LT 2, Time: 09H00-15H00

FACULTY OF SCIENCE: HARNESSING RESEARCH TOWARDS NATIONAL PROGRESS

No	NAME OF PRESENTER	THEME	TITLE OF ABSTRACT	TIME
1	D Pooja	Health & Medical Sciences	A Study of the Job Satisfaction, Working Conditions, Self-perceived Stress and Quality of Life of Biomedical Personnel in Mauritius.	09H00-09H15
2	M J Somanah	Health & Medical Sciences	The inhibitory effect of a fermented papaya preparation on the growth, hydrophobicity and acid production of <i>Streptococcus mutans</i> , <i>Streptococcus mitis</i> and <i>Lactobacillus acidophilus</i> : its implication for improving the oral health status of diabetics.	09H15-09H30
3	M Jissury and V Chittoo	Health & Medical Sciences	A phytochemical study and <i>in vitro</i> investigation of the biological activities of herbal formulations used against cancer in Mauritius	09H30-09H45
4	K D Bholah	Health & Medical Sciences	An Investigation of the Phytochemical Composition and <i>in vitro</i> Antioxidant Efficacy of <i>Moringa oleifera</i> Lam in Model Food Systems	09H45-10H00
5	S Seebaruth	Health & Medical Sciences	A comparative analysis of the vitamin C content, phenolic composition and total antioxidant capacity of commercially available and fresh fruit juices in Mauritius.	10H00-10H15
TEA BREAK (10H15-10H30)				
	KEYNOTE SPEAKER TALK			10H30-11H00
6	S Sunkur	Health & Medical Sciences	Epidemiology of Endometrial Cancer in the Republic of Mauritius	11H00-11H15
7	L H N Sem Fa	Health & Medical Sciences	Study of association between gene variant rs1333049 on Chromosome 9p21 and coronary heart disease in Mauritians of North Indian origin.	11H15-11H30
8	D Mottay	Health & Medical Sciences	An investigation of the anticholinesterase and antioxidant effects of traditional herbal medicines used against neurodegenerative diseases	11H30-11H45
LUNCH AND POSTER SESSION (11H45-13H00)				
9	Y Dunneram	Health & Medical Sciences	Effectiveness of a nutrition educational plan among women of reproductive age	13H00-13H15
10	K Cannoosamy	Health & Medical Sciences	Impact of a food and nutrition education intervention study on nutrition behaviour of housewives	13H15-13H30
11	T Bhurosy	Health & Medical Sciences	A Pilot Test Nutrition Education Program Pertaining to Calcium Intake among Older Adults	13H30-13H45

12	R Jeewon	LIFE Sciences	Fungi from medicinal plant in Mauritius: DNA characterization and preliminary antimicrobial testing against pathogens.	13H45-14H00
13	K N D Rohee	LIFE Sciences	Population dynamics of the mangrove <i>Brugueira gymnorrhiza</i> at a Ramsar Site in Mauritius	14H00-14H15
14	R Torabally	LIFE Sciences	DNA barcoding of amphipods (Crustacea) of the <i>Platorchestia</i> and <i>Mallacoota</i> genera from Mauritius	14H15-14H30

TEA BREAK AND POSTER SESSION (14H30-15H00)



Programme - Research Week 2013 Faculty of Law and Management 19 September 2013

Morning Session – Department of Finance and Accounting/Department of Management

9.15 – 9.30	-	Guest Speaker		
9.30 – 9.45	-	S Bhugun	<i>(Abstract 86)</i>	Assessing the HRM through HR Audit: A Study of Listed Companies in Mauritius
9.45 – 10.00	-	V Teeroovengadam	<i>(Abstract 193)</i>	A Conceptual Model of Antecedents and Consequences of Service Quality Dimensions in Higher Education
10.00 – 10.15	-	S Rughoobur	<i>(Abstract 169)</i>	The Mauritian Insurance Industry in the Next Decade: Challenges and Opportunities
10.15 – 10.30	-	L Vencataya	<i>(Abstract 197)</i>	Assessing the Effectiveness of ISO 9001:2008 in Mauritian Secondary Schools
10.30 – 10.45	-		<i>Tea Break</i>	
10.45 – 11.00	-	V Teeroovengadam	<i>(Abstract 190)</i>	Is Trade Aid Beneficial to Developing Countries: A Mauritian Perspective
11.00 – 11.15	-	S B Fauzel	<i>(Abstract 64)</i>	FDI as a Development Engine and a Social Maximiser in Sub Saharan Africa

11.15 – 11.30	-	Assoc Prof U Subadar-Agathee	(Abstract 100)	Screening Processes for Sharia Complaint Companies: Evidence from the Stock Exchange of Mauritius
11.30 – 11.45	-	J Matadeen	(Abstract 92)	Stock Market Development and Economic Growth: Evidence from Mauritius
11.45 – 12.00	-	V Polodoo	(Abstract 5)	Bank Specific and Macroeconomic Factors determining Non Performing Loans – a Panel Data Analysis from Mauritian Banks and Implications for the Banking Industry
12.00 – 12.15	-	Assoc Prof B Seetanah	(Abstract 8)	Impact of Exchange Rate Volatility on Trade in Goods and Trade in Tourism – A Mauritian Perspective
12.15 – 13.00	-	Lunch		
Afternoon Session – Department of Law				
13.00 – 13.15	-	Guest Speaker		
13.15 – 13.30	-	V Mooneeram-Chadee	(Abstract 152)	How do I get my Basic and Structure Right?
13.30 – 13.45	-	Assoc Prof R P Gunpath	(Abstract 117(i))	When the Employer has to Stand up in Court to Explain his Liability in Case of Injury at Work
13.45 – 14.00	-	D Michel	(Abstract 151)	The Need to Reform the Mauritian Criminal Code
14.00 – 14.15	-	Assoc Prof R P Gunpath	(Abstract 117(ii))	HIV/AIDS Status and Medical Testing on the Workplace: Admission or Exclusion from Service?
14.15 – 14.30	-	D Michel	(Abstract 161)	Will Justice Prevail if the Director of Public Prosecution's (DPP) is given Right of Appeal against Acquittal?
14.30 – 14.45	-	Tea Break		
14.45 – 15.00	-	Assoc Prof R P Gunpath	(Abstract 117(iii))	La protection des courriels dans l'entreprise

15.00 – 15.15	-	R Mahadew	<i>(Abstract 137)</i>	Socio-Economic Rights in the Constitution versus Socio-Economic Rights in Parliamentary Statutes: The Case of Mauritius as a Welfare State
15.15 – 15.30	-	Assoc Prof R P Gunpath	<i>(Abstract 117(iv))</i>	La protection et le respect de la vie privé de l'employé: limites et consequence
15.30 – 15.45	-	R Mahadew	<i>(Abstract 138)</i>	Should the Law Redefine and Endorse the Novel Concept of Constructive <i>coup d'état</i> as a Component of the Right to Self-Determination? Lessons from Egypt
15.45 – 16.00	-	Assoc Prof R P Gunpath	<i>(Abstract 117(v))</i>	An Investigation to What Extent is Freedom of Expression an Absolute Right?

September 2013

UNIVERSITY OF MAURITIUS RESEARCH WEEK 2013
FACULTY OF AGRICULTURE
FRIDAY 20 SEPTEMBER 2013

Venue: LT2, NAC, Time: 09H30-16H00

Registration		08.45-09.30
Welcome address by Dean of Faculty		09.30-09.40
SESSION 1: Ongoing and Completed Research Work by Academic Staff Chairperson: Assoc Prof. D Puchooa		09.40-10.20
AUTHORS	TITLE	TIME
K. Boodhoo and S. J. Santchurn	Development of Dry-Cured Sausages using Spent Hen Meat: Manufacturing practices and product physical, chemical and microbiological quality	09.40 - 10.00
B.Lalljee and S.Facknath	Safe and sustainable utilization of coal/bagasse ash in agroecosystems as soil amendment for increasing crop Production	10.00 - 10.20
TEA BREAK/POSTER SESSION		10.20 – 10.40
SESSION 2: Postgraduate Students' Research Work Chairperson: Prof. S. Facknath		10.40 – 12.00
AUTHORS	TITLE	TIME
N. Chukowry , B. Lalljee and R. Jeewon	Mushroom production industry in Mauritius: Growers perceptions and constraints	10.40-11.00
D. Lobine, J. Govinden-Soulange and V.M. Ranghoo-Sanmukhiya	Genetic fidelity of <i>in-vitro</i> regenerated endemic Mascarene <i>Aloes</i>	11.00-11.20
F. Hotee and D. Goburdhun	A critical analysis of food poisoning in Mauritius	11.20-11.40
P.Seechurn and B. Lalljee	Utilisation of hydroponic effluents for green forage production	11.40-12.00
LUNCH		12.00 – 13.00
SESSION 3: Undergraduate Students' Research Work (PART I) Chairperson: Assoc Prof. D. Goburdhun		13.00 – 14.20
AUTHORS	TITLE	TIME
M. Hookoom and D. Puchooa	Isolation and identification of heavy metals tolerant bacteria from industrial & agricultural areas in Mauritius	13.00-13.20
Z. B. Kareemun and B. Aumjaud	Evaluation of consumer behaviour relating to aquaculture and food security in Mauritius	13.20-13.40
T. Rambojun and S. Hardowar	A Training Needs Analysis of Aquaculture Officers	13.40-14.00
J.F.L Baya and S. Hardowar	A conceptual framework for the investigation of fresh fish availability and consumption in regions of Saint Pierre, Rose Hill and Quatre Bornes in Mauritius	14.00-14.20
TEA BREAK/POSTER SESSION		14.20 – 14.40

SESSION 4: Undergraduate Students' Research Work (Part II) Chairperson: Assoc Prof. A. Ruggoo		14.40 – 15.40
AUTHORS	TITLE	TIME
D. D. Tacouri, D. Ramful-Baboolall and D. Puchooa	<i>In vitro</i> bioactivity and phytochemical screening of selected spices used in Mauritian foods	14.40-15.00
R. Jutliah and S.Hardowar	A feasibility study and cost implications of ornamental fish culture as an agribusiness prospect	15.00-15.20
A. Babooa and R. Brizmohun	An Assessment of the mechanisation needs by small-scale vegetable growers in Mauritius	15.20-15.40
DISCUSSION SESSION		15.40-15.50
CLOSING REMARKS: CHAIRPERSON, FACULTY RESEARCH DAY ORGANISING COMMITTEE		15.50-16.00

POSTER SESSION	
K. D. Govindramen, B. Aumjaud and D. Ramful-Baboolall	Effect of pre-treatments on the quality attributes of air-dehydrated fruits
K. Beetul, S.B. Sadally, N. Taleb-Hossenkhan, D. Puchooa and R. Bhagooli	An Evaluation of the Lipid Content of Marine Microalgae from Mauritius: Potential implications for Biodiesel Production
J. Van Schellebeck and B. Aumjaud	A survey on knowledge, attitude and practices towards seaweeds and derived products among consumers in Mauritius
N. Chukowry and B. Lalljee	Consumer attitudes and perceptions towards mushrooms purchase and use
A. A. Aullybux & D. Puchooa	α -Amylase Production on Low-Cost Substrates by <i>Naxibacter sp.</i> Isolated from Mauritian Soils
M. N. Durbarry and B. Aumjaud	An investigation of the antioxidant properties of seaweed extracts in vegetable oil
M. J. Beeharry And B. Aumjaud	Consumers' knowledge, attitude and practices towards the quality and safety of wild and farmed fish in Mauritius