



University of Mauritius

DOCTORAL SCHOOL

RESEARCH THEMES/ INTERESTS OF ACADEMIC STAFF

FACULTY OF AGRICULTURE

| RESEARCH THEMES | ACADEMIC STAFF | EMAIL ADDRESS |
|---|------------------------------------|--------------------|
| DEPARTMENT OF AGRICULTURAL AND FOOD SCIENCE | | |
| <ul style="list-style-type: none">• Food safety• Food control system• Food composition• Postharvest technology• Food waste and loss• Food labelling• Food Literacy• Sustainable Nutrition | Assoc Prof D GOBURDHUN | daya@uom.ac.mu |
| <ul style="list-style-type: none">• Food Safety• Food Microbiology, Detection, Isolation, Biochemical and Molecular Characterization of Foodborne Pathogens• Processing of Plant and Animal Produce into Value-Added Products: Processing Conditions, Changes in Physical, Chemical and Microbiological Characteristics during Processing• Simultaneous Drying and Salting using Soaking in Concentrated Solutions: Mass Transfer during the Process, Combined Treatments• Fried Foods: Study of Oil Uptake and Water Loss during Frying, Methods to Reduce Oil Content of Fried Products | Assoc Prof Dr S J SANTCHURN | sunitab@uom.ac.mu |
| <ul style="list-style-type: none">• Food Safety• New Food Product Development• Functional foods• Food Products Reformulation• Phytochemicals in foods | Dr (Mrs) D RAMFUL- BABOOLALL | d.ramful@uom.ac.mu |

| RESEARCH THEMES | ACADEMIC STAFF | EMAIL ADDRESS |
|---|--|------------------------|
| <ul style="list-style-type: none"> • Plant Sciences and taxonomy • Plant diseases and weed management • Forestry policies • Marine biology and aquatic ecosystems • Conservation and evolutionary biology • Systematics of marine organism | Dr V BHOYROO | v.bhoyroo@uom.ac.mu |
| <ul style="list-style-type: none"> • Microbiology • Plant Biotechnology • Marine Biotechnology • Phytochemistry | Assoc Prof D PUCHOOA | sudeshp@uom.ac.mu |
| <ul style="list-style-type: none"> • Food Safety and Food Security • Food and Environmental Microbiology • Plant Pathology • Climate Change & Food Safety • Natural Antimicrobials | Assoc Prof Dr H NEETOO | s.neetoo@uom.ac.mu |
| <ul style="list-style-type: none"> • Natural Products Research • Biotechnology • Crop Science & Production • Biodiversity Conservation • Pharmacology and Pharmacognosy • Sustainable Agriculture | Assoc Prof (Dr) Mrs J GOVINDEN SOULANGE | joyces@uom.ac.mu |
| <ul style="list-style-type: none"> • Molecular systematics and evolution • Molecular Plant Pathology • Fungi and Plant systematics • Plant Biotechnology | Assoc Prof (Dr) Mrs M RANGHOO- SANMUKHIYA | m.sanmukhiya@uom.ac.mu |
| <ul style="list-style-type: none"> • Coral reef restoration, reef-building and conservation • Marine species cultivation and bioproducts • Marine biodiversity and ecosystems • Sustainable fisheries and aquaculture management • Marine pollution and water quality monitoring | Assoc Prof (Dr) N NAZURALLY | n.nazurally@uom.ac.mu |

| RESEARCH THEMES | ACADEMIC STAFF | EMAIL ADDRESS |
|---|--|-----------------------|
| DEPARTMENT OF AGRICULTURAL PRODUCTION AND SYSTEMS (APS) | | |
| <ul style="list-style-type: none"> • Welfare Economics of Food Security and Climate Change • Socio-Economics of Aquaculture • International Trade of Agricultural Products • Labor Economics and gender | Dr R BRIZMOHUN- GOPAUL | r.brizmohun@uom.ac.mu |
| <ul style="list-style-type: none"> • Analysis and upgrading of agri-food value chains • Design and Analysis of Surveys/focus groups • Application of qualitative Techniques (e.g discourse analysis) • Evaluating the agribusiness potential of start-ups in the agri-food sector • Application of entrepreneurship concepts in the agri-food sector & Development of business plans for agribusinesses • Financial analysis of existing or new proposed agribusinesses | Assoc Prof Dr (Mrs) B RAMASAWMY | b.ramasawmy@uom.ac.mu |
| <ul style="list-style-type: none"> • Adoption of Climate smart agriculture and sustainable agriculture • Climate Smart Aquaponics • Climate Smart Agriculture Finance • Agricultural extension for small farmers • Ecological survey techniques • New product development, Entrepreneurship and Innovation • Food security and Climate change • Business planning and Management of small agribusinesses • Nature-Based solutions | Mr S HARDOWAR | s.hardowar@uom.ac.mu |
| <ul style="list-style-type: none"> • Crop physiology; abiotic plant stress tolerance to adapt to climate change. • Sustainable crop production technologies and environmental agriculture; reduction of greenhouse emissions from agricultural farms. • Hydroponics operations and greenhouse management. • Novel crops: agronomy, physiology, and post-harvest technologies. • Plant genetic resource conservation and utilization for food and agriculture. | Mr N BOODIA (as Associate Supervisor/ Academic Collaborator) | n.boodia@uom.ac.mu |

| RESEARCH THEMES | ACADEMIC STAFF | EMAIL ADDRESS |
|--|----------------|----------------------|
| <ul style="list-style-type: none">• Sustainable Crop Production and Climate Resilient Agriculture• Agricultural Mechanisation and Irrigation• Agronomy and Innovative Crop Production Systems• Sustainable and Regenerative Farming | Mr M CHOONEEA | m.chooneea@uom.ac.mu |



University of Mauritius

DOCTORAL SCHOOL

RESEARCH THEMES/ INTERESTS OF ACADEMIC STAFF

FACULTY OF ENGINEERING

| RESEARCH THEMES/ INTERESTS | ACADEMIC STAFF | CONTACT DETAILS |
|--|--------------------------------|----------------------|
| DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING | | |
| <ul style="list-style-type: none"> • Power Systems Analysis, Computing and Economics • Power Systems Stability and Dynamic Performance • Computational Intelligence and Applications • Evolutionary Multi-Objective Optimization | Prof (Dr) R T F AH KING | r.ahking@uom.ac.mu |
| <ul style="list-style-type: none"> • Wireless Communications, 5G, Internet of Things, Networking | Assoc Prof (Dr) V BASSOO | v.bassoo@uom.ac.mu |
| <ul style="list-style-type: none"> • Error Control Coding • Mobile, Wireless & Satellite Communications • Next Generation Communication Systems • SDN & NFV • Big Data Analytics • Internet of Things • Artificial Intelligence • Real-Time Communications • Cloud Computing / Networking, • Data Privacy and Anonymisation, | Dr Y BEEHARRY | y.beeharry@uom.ac.mu |
| <ul style="list-style-type: none"> • Digital Signal Processing; Electromagnetic Sensing; • Image Processing and Computerized Imaging | Assoc Prof (Dr) Y BISSESSUR | yasdeob@uom.ac.mu |
| <ul style="list-style-type: none"> • Communications Theory, Mobile and Wireless Communications • Multimedia Communications, Networking, Security, • IoT and Telecommunications Applications Development | Assoc Prof (Dr) T P FOWDUR | p.fowdur@uom.ac.mu |

| RESEARCH THEMES/ INTERESTS | ACADEMIC STAFF | CONTACT DETAILS |
|--|---|--|
| <ul style="list-style-type: none"> • Wireless and Multimedia Communications • Coding and modulation • 5G and beyond mobile technologies • Massive MIMO systems • Biological communication systems • Machine learning for communication systems | <p style="text-align: center;">Assoc Prof (Dr) M A HOSANY</p> | <p style="text-align: center;">m.hosany@uom.ac.mu</p> |
| <ul style="list-style-type: none"> • Power Electronics and control of motor drives, • Renewable energy systems and grid integration • Energy efficiency • Power quality and harmonic mitigation | <p style="text-align: center;">Assoc Prof (Dr) M I JAHMEERBACUS</p> | <p style="text-align: center;">iqbal@uom.ac.mu</p> |
| <ul style="list-style-type: none"> • Mobile and Wireless Communications • Mathematical modeling and forecasting models • Digital Signal Processing | <p style="text-align: center;">Mr R A JUGURNAUTH</p> | <p style="text-align: center;">r.jugurnauth@uom.ac.mu</p> |
| <ul style="list-style-type: none"> • Renewable Energy Integration • Power Systems Control • Smart Grids • IoT | <p style="text-align: center;">Dr A P MURDAN</p> | <p style="text-align: center;">a.murdan@uom.ac.mu</p> |
| <ul style="list-style-type: none"> • Renewable energy planning and integration • Multi-criteria decision-making • Energy Efficiency • Robotics • IoT • Artificial intelligence | <p style="text-align: center;">Assoc Prof (Dr) V OREE</p> | <p style="text-align: center;">v.oree@uom.ac.mu</p> |
| <ul style="list-style-type: none"> • Smart grids • Wireless and power line communications • Power and Energy systems • Artificial intelligence • IoT • Engineering education | <p style="text-align: center;">Assoc Prof (Dr) B RAJKUMARSINGH</p> | <p style="text-align: center;">b.rajkumarsingh@uom.ac.mu</p> |
| <ul style="list-style-type: none"> • Photovoltaic Energy Systems - Modeling and Optimisation • Solar Energy Engineering • Renewable Energy | <p style="text-align: center;">Assoc. Prof. (Dr) Y K RAMGOLAM</p> | <p style="text-align: center;">y.ramgolam@uom.ac.mu</p> |
| <ul style="list-style-type: none"> • Observation and control of Dynamical Systems • Robotics | <p style="text-align: center;">Dr (Mrs) R RAMJUG- BALLGOBIN</p> | <p style="text-align: center;">r.ramjug@uom.ac.mu</p> |

| RESEARCH THEMES/ INTERESTS | ACADEMIC STAFF | CONTACT DETAILS |
|--|----------------------------------|-------------------------|
| <ul style="list-style-type: none"> • Modeling Systems Dynamics and Control • Data-driven Science and Engineering • Grid Integration of Renewable Energy systems • Optimisation and Control | Assoc Prof (Dr) S Z SAYED HASSEN | z.sayedhassen@uom.ac.mu |
| <ul style="list-style-type: none"> • Building Energy Systems Control • Hybrid Renewable Energy Systems | Dr H SHAMACHURN | h.shamachurn@uom.ac.mu |
| MECHANICAL AND PRODUCTION ENGINEERING DEPARTMENT (MPED) | | |
| <ul style="list-style-type: none"> • Corrosion and materials | Assoc Prof (Dr) B Y R SURNAM | y.surnam@uom.ac.mu |
| <ul style="list-style-type: none"> • Sustainability in the built environment • Passive design for buildings • Green building design and certification • Building energy modelling and dynamic simulations • Energy efficiency and energy auditing in buildings • Image Processing and Analysis • Pattern Recognition, Deep Learning and Machine Learning • Mechatronics, Robotics and Automation • Mechatronics in Medicine | Assoc Prof (Dr) M GOOROOCHURN | m.gooroochurn@uom.ac.mu |
| <ul style="list-style-type: none"> • Energy Studies • Energy Management • Sustainable Energy • Thermal Engineering • Steam Engineering • Power generation • Energy Efficiency and Demand-Side Management • Energy Policy and Governance • Renewable Energy Integration • Smart Energy Systems • Concentrated Solar Power /Solar Thermal • Hydropower technology • Climate Change Mitigation | Prof M K ELAHEE | elahee@uom.ac.mu |

| RESEARCH THEMES/ INTERESTS | ACADEMIC STAFF | CONTACT DETAILS |
|--|--------------------------------|---|
| <ul style="list-style-type: none"> Natural fibres and bio based composites. Nano reinforced composites Surface integrity aspects of non-conventional machining and surface modification processes. Corrosion Engineering | Assoc Prof (Dr) H RAMASAWMY | haree@uom.ac.mu |
| <ul style="list-style-type: none"> Natural fibres and bio based composites. Knitting Technology | Dr J CHUMMUN | jchummun@uom.ac.mu |
| <ul style="list-style-type: none"> Energy Engineering Heat transfer Applications | Assoc Prof (Dr) A.KHOODARUTH | a.khoodaruth@uom.ac.mu |
| <ul style="list-style-type: none"> Computational Modelling and finite element analysis Vibration and Noise Condition Based Monitoring | Mr L SANASSEE | l.sanassee@uom.ac.mu |
| <ul style="list-style-type: none"> Sustainable Manufacturing Green Supply Chain Management Supply Chain & Logistics Management Lean Management Cleaner Production System Dynamics | Dr D CALLYCHURN | d.callychurn@uom.ac.mu |
| <ul style="list-style-type: none"> Quality Management Systems Manufacturing strategy Performance and Productivity management systems Engineering Education | Assoc Prof (Dr) D K HURREERAM | hureeram@uom.ac.mu |
| <ul style="list-style-type: none"> Quality and reliability in cold supply chains Sustainable supply chains | Mr B S TOOLSY | b.toolsy@uom.ac.mu |
| CIVIL ENGINEERING DEPARTMENT | | |
| Field of Research Construction Engineering and Management | | |
| <ul style="list-style-type: none"> Hybrid Concrete Construction (prefabrication plus in situ) | Dr A SEEBOO | a.seeboo@uom.ac.mu |
| <ul style="list-style-type: none"> Defects assessment in buildings | Dr A SEEBOO | a.seeboo@uom.ac.mu |
| <ul style="list-style-type: none"> Durability and performance of new products in the construction industry. | Dr.A.SEEBOO Dr R RUGHOOPUTH | a.seeboo@uom.ac.mu re.rughooputh@uom.ac.mu |

| RESEARCH THEMES/ INTERESTS | ACADEMIC STAFF | CONTACT DETAILS |
|---|--------------------------------|---|
| <ul style="list-style-type: none"> Assessment of methods of construction | Dr.A.SEEBOO Mr Z. DOOMAH | a.seeboo@uom.ac.mu m.doomah@uom.ac.mu |
| <ul style="list-style-type: none"> Green Buildings Design Construction waste Building Information Models | Dr.A.SEEBOO Dr R RUGHOOPUTH | a.seeboo@uom.ac.mu re.rughooputh@uom.ac.mu |
| Field of Research - Hydraulic Engineering | | |
| <ul style="list-style-type: none"> Modeling of flow in Hydraulic Structures River and Stormwater Hydraulics Sustainable Urban Drainage Systems Computational hydraulics Integrated Coastal Zone Management and Coastal Engineering | Assoc Prof (Dr) M NOWBUTH | mnowbuth@uom.ac.mu |
| Field of Research - Hydrology and Water Resources | | |
| <ul style="list-style-type: none"> Flood forecasting and Disaster Risk Reduction | Assoc Prof (Dr) M NOWBUTH | mnowbuth@uom.ac.mu |
| <ul style="list-style-type: none"> Water quality | Mr D JOGEE | d.jogee@uom.ac.mu |
| Field of Research - Water Services | | |
| <ul style="list-style-type: none"> Urban hydrology and Rainwater Harvesting Systems | Assoc Prof (Dr) M NOWBUTH | mnowbuth@uom.ac.mu |
| Field of Research - Geotechnical/Pavement Engineering | | |
| <ul style="list-style-type: none"> Numerical Modeling, field monitoring and lab based testing of properties of soils | Dr R RUGHOOPUTH | re.rughooputh@uom.ac.mu |
| <ul style="list-style-type: none"> Slope stability analysis and soil stabilisation Geological and geotechnical soil mapping Sustainable Road Construction Materials Use of Recycled Asphalt Pavement and Warm Mix technology, crumb rubber and additives in pavement construction Use of additives (wax- based) and RAP in pavement mixes to lower the production temperature of the traditional HMA to produce Warm Mix Asphalt (WMA) Modification of Geotechnical Properties of soil with Waste Additives | Dr R RUGHOOPUTH | re.rughooputh@uom.ac.mu |

| RESEARCH THEMES/ INTERESTS | ACADEMIC STAFF | CONTACT DETAILS |
|---|--------------------------------|---|
| Field of Research - Concrete Technology | | |
| <ul style="list-style-type: none"> Sustainable Concrete | Dr.A.SEEBOO | a.seeboo@uom.ac.mu |
| <ul style="list-style-type: none"> Use of fresh concrete waste in concrete and concrete blocks, replacement of virgin aggregate in concrete; Designing for disassembly | Dr R RUGHOOPUTH Dr A SEEBOO | re.rughooputh@uom.ac.mu a.seeboo@uom.ac.mu |
| <ul style="list-style-type: none"> Use of pervious concrete and sustainable stormwater management Sustainability Assessment of using waste additives in Soil and Concrete | Mr S NUNKOO | s.nunkoo@uom.ac.mu |
| Field of Research - Structural Engineering | | |
| <ul style="list-style-type: none"> Structural Analysis/Design modeling | Dr A SEEBOO Mr S NUNKOO | a.seeboo@uom.ac.mu s.nunkoo@uom.ac.mu |
| <ul style="list-style-type: none"> Materials behavior and applications Assessment of local available structural materials, e.g local timber. Assessment and behavior of structural materials and structures subject to the local climatic conditions. Behaviour of steelwork connection at large deflection in fire. Behaviour of steelwork connection under dynamics loading Torsion of thin-walled single cell section. Response of structures to extreme loading-Design and analysis of blast resistant structures Design and analysis of innovative Architectural Structures. | Dr A SEEBOO | a.seeboo@uom.ac.mu |
| Field of Research - Civil Engineering Informatics/ GIS | | |
| <ul style="list-style-type: none"> Applications of Geographical Information Systems | Assoc Prof (Dr) M NOWBUTH | mnowbuth@uom.ac.mu |
| <ul style="list-style-type: none"> Applications of spatial data in civil engineering | Mr D JOGEE | d.jogee@uom.ac.mu |
| Field of Research - Urban Planning /Integrated Infrastructural Development/ Traffic studies and Sustainable transportation | | |
| <ul style="list-style-type: none"> Sustainable infrastructure designs | Dr Y BAGUANT- | k.baguant@uom.ac.mu |

| RESEARCH THEMES/ INTERESTS | ACADEMIC STAFF | CONTACT DETAILS |
|--|----------------------------|-------------------------|
| <ul style="list-style-type: none"> Urban and spatial planning, Environmental planning, Community and neighbourhood planning | Dr R RUGHOOPUTH | re.rughooputh@uom.ac.mu |
| <ul style="list-style-type: none"> Modeling and prediction of transportation demands Traffic Impact Assessment Road safety | Mr Z. DOOMAH | m.doomah@uom.ac.mu |
| DEPARTMENT OF APPLIED SUSTAINABILITY AND ENTERPRISE DEVELOPMENT (DASED) | | |
| Field of Research - Colouration Technology | | |
| <ul style="list-style-type: none"> Colour Science and Technology and its application Colour Analysis, Measurement and Communication Sustainable Development in Colouration Industry Nanotechnology applications in textile industry | Assoc Prof (Dr) N KISTAMAH | dharma@uom.ac.mu |
| <ul style="list-style-type: none"> Geometrical modelling of fibrous materials and textile structures Computer visualization and realistic rendering of fibrous materials Sustainable product design and manufacture Development of sustainability metric models Modelling and design of comfort in textiles | Dr R UNMAR | unmarr@uom.ac.mu |
| DEPARTMENT OF CHEMICAL AND ENVIRONMENTAL ENGINEERING | | |
| Field of Research - Quality System and Risk management | | |
| <ul style="list-style-type: none"> Environmental Risk Management. Process Safety and loss prevention, quality systems and environmental management. Sustainability standards Environmental modelling and contaminant transport. Industrial ecology. Climate Change | Dr (Mrs) V DOOKHUN | v.dookhun@uom.ac.mu |
| Field of Research - Environmental Engineering | | |
| <ul style="list-style-type: none"> Bioremediation of solid & liquid wastes Ultrasound & microwave–assisted biomass processing Adsorption Chemical Process Analysis Mathematical & sensitivity analysis | Dr A MUDHOO | a.mudhoo@uom.ac.mu |

| RESEARCH THEMES/ INTERESTS | ACADEMIC STAFF | CONTACT DETAILS |
|---|--|---|
| <ul style="list-style-type: none"> Bioenergy (biogas & biohydrogen) production | Dr A MUDHOO Assoc Prof (Dr) P Khadoo Assoc Prof (Dr) D SURROOP | a.mudhoo@uom.ac.mu p.khadoo@uom.ac.mu d.surroop@uom.ac.mu |
| Field of Research - Chemical Management | | |
| <ul style="list-style-type: none"> Chemical safety, chemical management, chemical weapons, life cycle analysis of environmental and energy processes; Degradability/biodegradability of solid wastes; microplastics, Composting; Anaerobic digestion processes. | Dr G SOMAROO | g.somaroo@uom.ac.mu |
| Field of Research - Waste Management | | |
| <ul style="list-style-type: none"> Waste Characterisation; waste minimization; waste to energy; waste valorization; bio-ethanol production; composting | Assoc Prof (Dr) P Khadoo Assoc Prof Dr D SURROOP | p.khadoo@uom.ac.mu d.surroop@uom.ac.mu |
| Field of Research - Wastewater engineering | | |
| <ul style="list-style-type: none"> Water pollution control; constructed wetland; wastewater treatment | Dr A K RAGEN | ak.ragen@uom.ac.mu |
| Field of Research - Energy management; climate change | | |
| <ul style="list-style-type: none"> Energy Management; Climate Change; Small Island Developing States Waste to Energy, energy access, energy security and climate change | Assoc Prof (Dr) D SURROOP | d.surroop@uom.ac.mu |
| Field of Research - renewable energy | | |
| <ul style="list-style-type: none"> Sustainable development, renewable energy technologies | Assoc Prof (Dr) P KHADOO Dr V SEEBALUCK | p.khadoo@uom.ac.mu v.seebaluck@uom.ac.mu |



University of Mauritius

DOCTORAL SCHOOL

RESEARCH THEMES/ INTERESTS OF ACADEMIC STAFF

FACULTY OF INFORMATION, COMMUNICATION AND DIGITAL TECHNOLOGIES

| RESEARCH THEMES | ACADEMIC STAFF | EMAIL ADDRESS |
|--|--|--|
| DEPARTMENT OF SOFTWARE AND INFORMATION SYSTEMS | | |
| <ul style="list-style-type: none">• Computer Vision• Artificial Intelligence(AI) and Applications of AI• Machine Learning and Deep Learning• Biometrics• Data Analytics | Assoc Prof (Dr) Mrs M HEENAYE- MAMODE KHAN | m.mamodekhan@uom.ac.mu |
| <ul style="list-style-type: none">• Problems in Software Development with focus on Team Effects• Empirical Research in Technology Acceptance (Models and Proof of Concepts)• (Big) Data Organization, Access, and Retrieval• Application of Artificial Intelligence Techniques (Machine Learning)• Smart Energy Monitoring and Management | Assoc Prof (Dr) M Y CHUTTUR | y.chuttur@uom.ac.mu |
| <ul style="list-style-type: none">• Deep Learning: Neural network optimization (hyperparameter tuning and architecture search), predictive modeling, and optimization applications• Intelligent Transportation Systems: AI and optimization methods for traffic management and transportation planning• Complex Systems Modeling: Agent-based systems, simulation, and system dynamics• Operations Research: Optimization algorithms applied to business operations and decision-making | Dr O GUKHOOL | o.gukhool@uom.ac.mu |
| <ul style="list-style-type: none">• Artificial Intelligence and its applications• Human Computer Interaction• Speech Recognition• ICT4D (ICT for Development)• Natural Language Processing• Computer Vision | Dr (Mrs) N G SAHIB-KAUDEER | n.goodasahib@uom.ac.mu |

| RESEARCH THEMES | ACADEMIC STAFF | EMAIL ADDRESS |
|--|--|-----------------------|
| <ul style="list-style-type: none"> • ERP • ERP and Educational research • Analytics • AI • ICT4D | Dr B Z CADERSAIB | z.cadersaib@uom.ac.mu |
| <ul style="list-style-type: none"> • Vulnerabilities in Systems Development • Green Computing • Requirement Engineering • Project Management • Education Informatics • Environmental Informatics • Student Placement in IT Programmes | Dr A Q MOHABUTH | a.mohabuth@uom.ac.mu |
| <ul style="list-style-type: none"> • Software Engineering • Information Systems • Artificial Intelligence • IoT with focus on Edge computing | Dr V HURBUNGS | v.hurbungs@uom.ac.mu |
| <ul style="list-style-type: none"> • AI in Education (AIED) • AI Techniques for personalisation • Technology Enhanced Learning • Blockchain • Information Systems | Assoc Prof (Dr) R K SUNGKUR | r.sungkur@uom.ac.mu |
| <ul style="list-style-type: none"> • AI Applications using LLMs, Speech Technologies (STT, TTS), Conversational Agents, NLP, Enterprise Systems, ICT4D, Smart Cities, Smart Campus | Assoc Prof (Dr) Mrs B A GOBIN-RAHIMBUX | b.gobin@uom.ac.mu |
| <ul style="list-style-type: none"> • Deep learning, Quantum computing, Quantum machine learning, cancer drug discovery, software testing, software project management | Dr D Sathan | d.sathan@uom.ac.mu |
| DEPARTMENT OF DIGITAL TECHNOLOGIES | | |
| <ul style="list-style-type: none"> • Internet of Things (IoT) • Wireless Sensor Networks • Mobile and Ubiquitous Computing • Health Informatics • Computational Intelligence • Affective Computing | Prof (Dr) K K KHEDO | k.khedo@uom.ac.mu |

| RESEARCH THEMES | ACADEMIC STAFF | EMAIL ADDRESS |
|--|---|-------------------------|
| <ul style="list-style-type: none"> • Bioinformatics and Computational Biology • Human Genomics • Data Analytics • https://sites.google.com/a/uom.ac.mu/anisah-ghoorah/ | Assoc Prof (Dr) Ms A GHOORAH | a.ghoorah@uom.ac.mu |
| <ul style="list-style-type: none"> • Exergaming • Social and Mobile Computing • ICT Tools in Behaviour Change Interventions and Education • Internet of Things (IoT) | Dr R ELAHEEBOCUS | r.elaheebocus@uom.ac.mu |
| <ul style="list-style-type: none"> • Exergaming • Web Technologies and Tools • Internet of Things (IoT) | Mr S JAUNBUCCUS | s.jaunbuccus@uom.ac.mu |
| <ul style="list-style-type: none"> • Financial Technologies and AI • AI and its applications • AI in Education • AI in Agriculture • Mobile & Ubiquitous Computing, • ICT/ Mobile for Development (ICT4D/ M4D) • Immersive Media Technologies (AR/VR) • Internet of Things (IoT) • Image analysis, processing and computer vision | Assoc Prof (Dr) Raj Kishen MOLOO | r.moloo@uom.ac.mu |
| <ul style="list-style-type: none"> • Computational Biology and bioinformatics - Transcriptomics • Machine Learning and Deep Learning • AI and its applications • Health Informatics | Assoc Prof (Dr) Mrs Z MUNGLOO- DILMOHAMUD | z.mungloo@uom.ac.mu |
| <ul style="list-style-type: none"> • Network (IPv6) • Mobile Computing and Internet of Things • Cloud Computing, Cloud Storage • Technology Adoption | Assoc Prof (Dr) A CHINIAH | a.chiniah@uom.ac.mu |
| <ul style="list-style-type: none"> • AI in education • E-Learning and Innovative Learning Technologies • Filmography and Photography • Animation and VFX • | Mr K. MUTHEN | k.muthen@uom.ac.mu |

| RESEARCH THEMES | ACADEMIC STAFF | EMAIL ADDRESS |
|--|-------------------------------|-----------------------|
| DEPARTMENT OF INFORMATION & COMMUNICATION TECHNOLOGIES | | |
| <ul style="list-style-type: none"> • Cybersecurity, Quantum Cybersecurity • Cyber Forensics, Deepfake Forensics, DarkWeb Forensics • Cyberpsychology (Mental Health & Technologies) • Artificial Intelligence, Machine Learning, Natural Language Processing • Brain-Computer Interaction (BCI), Brain-Integrated AI • Cryptography, Quantum-Resistant Cryptography, Cryptography for Privacy Preserving Artificial Intelligence • Networking and Security (Wireless, Sensor, Cloud, IoT, Edge, Blockchain) | Assoc Prof (Dr) S ARMOOGUM | s.armoogum@uom.ac.mu |
| <ul style="list-style-type: none"> • Cybersecurity and sustainability | Dr N PAVADAY | n.pavaday@uom.ac.mu |
| <ul style="list-style-type: none"> • Multimedia Systems and Security | Dr B SONAH | bsonah@uom.ac.mu |
| <ul style="list-style-type: none"> • Multimedia & Computer Vision Systems, Wireless Network Security, Biometrics & Pattern Recognition | Dr R DOOMUN | r.doomun@uom.ac.mu |
| <ul style="list-style-type: none"> • Computer Networks and Security, Future Internet Architecture, Routing Protocols, IoT and Mobility, Cloud Computing | Assoc Prof (Dr) A MUNGUR | a.mungur@uom.ac.mu |
| <ul style="list-style-type: none"> • Health Data Analytics, Text Mining, Biomedical Literature Retrieval | Mrs S CHEERKOOT- JALIM | s.cheerkoot@uom.ac.mu |
| <ul style="list-style-type: none"> • Trust Establishment and Evaluation in Pervasive and Dynamic Environments. • Reputation Appraisal and Evaluation in Communication Networks and Open Environments • Computer Networks (Ethernet and Wireless Networks). • Computer Architecture and Digital Systems. | Dr J SEETHUL | jeeten@uom.ac.mu |
| <ul style="list-style-type: none"> • Internet of Things (IoT) • Indoor Localization • Privacy-Preserving Sensing • Wearables Computing • Activity Detection using Machine Learning | Dr P APPAVOO | p.appavoo@uom.ac.mu |

| RESEARCH THEMES | ACADEMIC STAFF | EMAIL ADDRESS |
|---|---|---|
| <ul style="list-style-type: none"> • Artificial Intelligence • Machine Learning • Deep Learning • Data Science and Analytics • Natural Language Processing • Machine Translation • Image Processing and Computer Vision • Information Technology Law | <p style="text-align: center;">Assoc Prof (Dr) S PUDARUTH</p> | <p style="text-align: center;">s.pudaruth@uom.ac.mu</p> |
| <ul style="list-style-type: none"> • Artificial Intelligence in Education (AIED) • Natural Language Processing • Machine Learning • Computer Security • Augmented Reality | <p style="text-align: center;">Mrs V RAMNARAIN- SEETOHUL</p> | <p style="text-align: center;">v.seetohul@uom.ac.mu</p> |
| <ul style="list-style-type: none"> • Artificial Intelligence (AI) • Machine Learning • Algorithms for large-scale distributed systems and for highly dynamic environments • Resource selection algorithms, e.g., in wireless networks • Game theory • Computing for social good | <p style="text-align: center;">Dr (Mrs) A MEETOO- APPAVOO</p> | <p style="text-align: center;">anuja.meetoo@uom.ac.mu</p> |
| <ul style="list-style-type: none"> • Internet of Things • Computer Security | <p style="text-align: center;">Mr S SATHAN</p> | <p style="text-align: center;">s.sathan@uom.ac.mu</p> |



University of Mauritius

DOCTORAL SCHOOL

RESEARCH THEMES/ INTERESTS OF ACADEMIC STAFF

FACULTY OF LAW AND MANAGEMENT

| RESEARCH THEMES | ACADEMIC STAFF | EMAIL ADDRESS |
|---|---|-----------------------|
| DEPARTMENT OF MANAGEMENT | | |
| <ul style="list-style-type: none">• Management• Marketing• Entrepreneurship | Dr E BINDAH <i>(On leave without Pay till 30 September 2026)</i> | e.bindah@uom.ac.mu |
| <ul style="list-style-type: none">• Business Strategy• International Business• CSR• Sustainable Development and• Development Economics | Dr O BISSOON | o.bissoon@uom.ac.mu |
| <ul style="list-style-type: none">• Talent management• Employer branding• Decent work• Artificial intelligence and the future of work• Social media and talent relationship Management• Qualitative research | Dr P GUNESH | p.gunesh@uom.ac.mu |
| <ul style="list-style-type: none">• Entrepreneurship related themes• SMEs• Entrepreneurship and Gender• Marketing | Assoc Prof (Dr) P M GUNGAPHUL | m.gungaphul@uom.ac.mu |
| <ul style="list-style-type: none">• Tourism development• Festivals and Events• Culture and Heritage | Dr C HURNATH | c.hurnath@uom.ac.mu |
| <ul style="list-style-type: none">• Customer Relationship Management Sustainable and Environmental Marketing• Social Marketing and Behavioral Change | Prof (Dr) T JUWAHEER | roubina@uom.ac.mu |

| RESEARCH THEMES | ACADEMIC STAFF | EMAIL ADDRESS |
|--|--------------------------------------|----------------------------|
| <ul style="list-style-type: none"> Service Quality in Hospitality and Tourism Digital and Social Media Marketing | | |
| <ul style="list-style-type: none"> Business Ethics | Assoc Professor (Dr) G NAPAL | vnapal@uom.ac.mu |
| <ul style="list-style-type: none"> Tourism Development Sustainable Tourism Travel/Consumer Behavior Political economy and Government | Prof (Dr) P R NUNKOO | r.nunkoo@uom.ac.mu |
| <ul style="list-style-type: none"> Customer Relationship Management Strategic Management Social Media Marketing | Dr (Mrs) V OOGARAH HANUMAN | v.hanuman@uom.ac.mu |
| <ul style="list-style-type: none"> Internationalisation SME International Business Strategy | Dr R SANNEGADU | r.sannegadu@uom.ac.mu |
| <ul style="list-style-type: none"> Quality Management Higher Education | Dr A SEEBALUCK | ak.seebaluck@uom.ac.mu |
| <ul style="list-style-type: none"> Quality Management Higher Education Services Marketing and Management | Assoc Prof (Dr) V TEEROOVENGADUM | v.teeroovengadum@uom.ac.mu |
| DEPARTMENT OF FINANCE AND ACCOUNTING | | |
| <ul style="list-style-type: none"> Financial Accounting Management Accounting Integrated Reporting Accounting Education Accounting Issues Relating to SMEs Public Sector Accounting | Dr K SEETAH | k.seetah@uom.ac.mu |
| <ul style="list-style-type: none"> Stock Markets Risk management Corporate governance Behavioural Finance Management Accounting | Assoc Prof (Dr) U SUBADAR AGATHEE | u.subadar@uom.ac.mu |
| <ul style="list-style-type: none"> Corporate Governance Board Diversity Gender Roles and Equality Accounting Education | Dr (Mrs) V RAMLUGUN | v.ramlugun@uom.ac.mu |

| RESEARCH THEMES | ACADEMIC STAFF | EMAIL ADDRESS |
|--|---------------------------------------|-----------------------|
| <ul style="list-style-type: none"> ● Technology Management ● CSR | | |
| <ul style="list-style-type: none"> ● FDI ● Tourism Economics ● Development Economics ● International Trade ● Financial Economics | Assoc Prof (Dr) S B FAUZEL | s.fauzel@uom.ac.mu |
| <ul style="list-style-type: none"> ● CSR ● Accounting Education ● Technology Management ● Corporate Governance ● Public Sector Accounting ● SDGs & Sustainability | Assoc Prof (Dr) Dineshwar RAMDHONY | d.ramdhony@uom.ac.mu |
| <ul style="list-style-type: none"> ● International Finance ● International Trade ● Tourism ● Development Economics ● Financial Economics | Professor B SEETANAH | b.seetanah@uom.ac.mu |
| <ul style="list-style-type: none"> ● Corporate Finance ● Stock Market ● FinTech & Blockchain ● Integrated Reporting & Taxation ● Performance Management ● Accounting Education | Dr B JUGURNATH | b.jugurnath@uom.ac.mu |
| <ul style="list-style-type: none"> ● Corporate Finance ● Stock Market ● FinTech ● Risk Management ● Behavioural Finance, Derivatives | Dr J S MATADEEN | j.matadeen@uom.ac.mu |
| DEPARTMENT OF LAW | | |
| <ul style="list-style-type: none"> ● Labour and Industrial Relations Law ● Civil Law ● International Humanitarian Law ● Criminal Law & Evidence | Prof R P GUNPUTH | rpgunput@uom.ac.mu |

| RESEARCH THEMES | ACADEMIC STAFF | EMAIL ADDRESS |
|---|----------------------|-------------------------|
| <ul style="list-style-type: none"> ● Civil Law | Dr G GEORGIJEVIC | g.georgijevic@uom.ac.mu |
| <ul style="list-style-type: none"> ● Human Rights ● International Human Rights Law ● Constitutionalism ● Public International Law ● Multidisciplinary human rights | Assoc Prof R MAHADEW | r.mahadew@uom.ac.mu |



University of Mauritius

DOCTORAL SCHOOL

RESEARCH THEMES/ INTERESTS OF ACADEMIC STAFF

FACULTY OF MEDICINE AND HEALTH SCIENCES

| RESEARCH THEMES | ACADEMIC STAFF | EMAIL ADDRESS |
|---|-------------------------------------|--------------------------|
| DEPARTMENT OF MEDICINE | | |
| <ul style="list-style-type: none">• Cardiovascular health• Stroke care continuum.• Tobacco control• Substance use disorders• Health Benefits of Moringa oleifera | Assoc Prof (Dr) Mrs M F CHAN SUN | lan.sun@uom.ac.mu |
| <ul style="list-style-type: none">• Diabetes Mellitus• Anemia• Health of Migrants• Mental Health (Stress/depression, substance and disorder)• Hypertension• Stroke, Parkinson s disease, Neuropathy• Upper Endoscopy• Thyroid related disorders• Medical Education• Diabetes footwear and footcare | Dr I MOHAMADHOSEN | i.mohamadhosen@uom.ac.mu |
| DEPARTMENT OF HEALTH SCIENCES | | |
| <ul style="list-style-type: none">• Hygiene and Health• Medical Microbiology• One Health• Antimicrobial resistance | Dr (Mrs) S D BIRANJIA-HURDOYAL | s.biranjia@uom.ac.mu |
| <ul style="list-style-type: none">• Disability, Inclusion & Inclusive Environments• Mental Health & Well-Being• Rehabilitation and Occupational Therapy | Mrs S D CHEMEN | s.chemen@uom.ac.mu |

| RESEARCH THEMES | ACADEMIC STAFF | EMAIL ADDRESS |
|--|--|---|
| <ul style="list-style-type: none"> • Stroke • Health Systems Research | | |
| <ul style="list-style-type: none"> • Molecular systematics (phylogeny & DNA based identification) of microbes • Mycology • Characterisation of fungal pathogens | <p style="text-align: center;">Assoc Prof R JEEWON</p> | <p style="text-align: center;">r.jeewon@uom.ac.mu</p> |
| <ul style="list-style-type: none"> • Applied Biochemistry • Pharmaceutical Sciences • Nutraceuticals and Functional foods • Traditional/ Complementary and Alternative Medicines • Phytotherapy and natural product chemistry | <p style="text-align: center;">Prof F MAHOMOODALLY</p> | <p style="text-align: center;">f.mahomoodally@uom.ac.mu</p> |
| <ul style="list-style-type: none"> • Nutrition • Nutrition education • Product development | <p style="text-align: center;">Dr B Z TOORABALLY</p> | <p style="text-align: center;">z.toorabally@uom.ac.mu</p> |



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DOCTORAL SCHOOL

RESEARCH THEMES/ INTERESTS OF ACADEMIC STAFF

FACULTY OF SCIENCE

| RESEARCH THEMES | ACADEMIC STAFF | EMAIL ADDRESS |
|---|---------------------------------|-----------------------|
| DEPARTMENT OF MATHEMATICS | | |
| <ul style="list-style-type: none">• Computational Fluid Dynamics• Mathematical Modelling• Dynamical Systems• Optimisation | Prof M Z DAUHOO | m.dauhoo@uom.ac.mu |
| <ul style="list-style-type: none">• Numerical Linear Algebra• Computational Statistics and Data Science• Geographical Information System and Geostatistics• Scientific Computing and Visualisation• Renewable Energy, Climate and Environmental Modelling | Prof R. BOOJHAWON | r.boojhawon@uom.ac.mu |
| <ul style="list-style-type: none">• Mathematical Modelling (field of Environment, Economics, Finance)• Risk Analysis• Data Analytics• Mathematical Education | Assoc Prof (Dr) Mrs P GONPOT | pgonpot@uom.ac.mu |
| <ul style="list-style-type: none">• Derivatives pricing• Numerical solution of partial differential equations | Assoc Prof Y D TANGMAN | y.tangman@uom.ac.mu |
| <ul style="list-style-type: none">• Pure Mathematics• Mathematical, Financial and Risk Modelling• Statistical Analysis and Forecasting• Data Analytics | Assoc Prof N SOOKIA | sookian@uom.ac.mu |
| <ul style="list-style-type: none">• Financial Mathematics: Equity and Interest Rate Models• Computational Finance: Numerical Solution of PDEs | Assoc Prof (Dr) Ms N THAKOOR | n.thakoor@uom.ac.mu |

| RESEARCH THEMES | ACADEMIC STAFF | EMAIL ADDRESS |
|--|-------------------------------------|-------------------------|
| <ul style="list-style-type: none"> Theoretical Statistics Statistical Modelling and Analysis in the fields of Health, Environment, Climate, Education and Forensics' | Prof V JOWAHEER | vandnaj@uom.ac.mu |
| <ul style="list-style-type: none"> Scientific Computing Computational Finance: Portfolio optimization, Numerical solution of PDEs | Assoc Prof A GOPAUL | a.gopaul@uom.ac.mu |
| <ul style="list-style-type: none"> Optimization with application in telecommunication and finance Machine learning with application in the medical field | Assoc Prof (Dr.) Mrs J CHEENEESHASH | jayrani@uom.ac.mu |
| DEPARTMENT OF PHYSICS | | |
| <ul style="list-style-type: none"> Radio Frequency electronics Radio signal processing GPU and FPGA data processing Theoretical astrophysics Computational climate/weather modelling | Assoc Prof G K BEEHARRY | gkb@uom.ac.mu |
| <ul style="list-style-type: none"> Computational Fluid Dynamics Computational electromagnetism Multiphase flow Parallel computing Climate research Renewable Energy AI-Driven Modelling and Simulation in Physics | Assoc Prof R LOLLCHUND | r.lollchund@uom.ac.mu |
| <ul style="list-style-type: none"> Complex systems | Dr D BAIJNATH | baijnath@uom.ac.mu |
| <ul style="list-style-type: none"> Teaching (and Learning) strategies | Dr KIS-SION | kissionk@uom.ac.mu |
| <ul style="list-style-type: none"> Electromagnetic/Microwave Measurements Wireless Power Transfer Heat and Mass transfer Corona Discharges | Dr S OREE | oreesh@uom.ac.mu |
| <ul style="list-style-type: none"> Dualities between gauge and gravity theories Topics in String Theory Teaching and Learning and Assessment in Mathematics & Science educations | Dr N RUGHOONAUTH | n.rughoonauth@uom.ac.mu |

| RESEARCH THEMES | ACADEMIC STAFF | EMAIL ADDRESS |
|--|---|-----------------------|
| DEPARTMENT OF BIOSCIENCES AND OCEAN STUDIES | | |
| <ul style="list-style-type: none"> • Marine Biodiversity, Biology, Taxonomy, Ecology and Conservation • Mangrove Ecosystems, Carbon sequestration • Coastal Ecosystems, Importance, Pressures and Livelihoods • Fisheries Biology and Ecology • Marine Litter/Marine Debris | Prof (Dr) Mrs C APPADOO | chandani@uom.ac.mu |
| <ul style="list-style-type: none"> • Marine Biodiversity, Biology & Ecology • Molecular eco-physiology of seaplants and symbiotic marine invertebrates • Coral reef health, coral bleaching and climate change • Biological Oceanography • Phytoplankton and zooplankton dynamics • Sustainable Marine Environment | Prof R BHAGOOLI | r.bhagooli@uom.ac.mu |
| <ul style="list-style-type: none"> • Marine Microbiology • Antimicrobials • Antibiotic resistance • DNA Barcoding • Forensic Biology | Assoc Prof (Dr) Ms S DYALL | s.dyall@uom.ac.mu |
| <ul style="list-style-type: none"> • Ecology • Conservation • Biodiversity • Ecological restoration • Invasive alien species | Assoc Prof. F B V FLORENS | vin.florens@uom.ac.mu |
| <ul style="list-style-type: none"> • Food / Nutritional Biochemistry and Toxicology • Human Ecology • Public Health Nutrition • Food Security & Safety • Health and Nutrition | Assoc Prof (Dr) Mrs P PUGO-GUNSAM | gunsamp@uom.ac.mu |
| <ul style="list-style-type: none"> • Molecular Biology • Molecular Plant Pathology • Marine Molecular Genetics | Assoc Prof (Dr) Mrs N TALEB-HOSSENKHAN | n.taleb@uom.ac.mu |

| RESEARCH THEMES | ACADEMIC STAFF | EMAIL ADDRESS |
|---|--|---|
| <ul style="list-style-type: none"> • Electrochemical Biosensors • Plant Characterization and Physiology (mineral nutrition and photosynthetic apparatus) • Mangrove Ecosystem • Production of secondary metabolites from plants and microorganisms • Biomass - <i>energy from plants</i> | Assoc Prof (Dr) Ms S JAWAHEER | shobha@uom.ac.mu |
| <ul style="list-style-type: none"> • Marine Litter, Plastics Pollution, and Solid Waste Management • Marine Biodiversity, Biology, Ecology and Conservation • Seagrass Ecology • Coastal Ecosystems, Connectivity, and Livelihoods • Coral Stress Physiology, Coral bleaching and diseases • Environmental monitoring, Marine Pollution and Bioindicators | Dr (Mrs) S Mattan-MOORGAWA | s.moorgawa@uom.ac.mu |
| <ul style="list-style-type: none"> • Marine Malacology • Marine Ecology • Marine Biodiversity • Corallivory | Dr (Ms) D KAULLYSING | de.kaullysing@uom.ac.mu |
| DEPARTMENT OF CHEMISTRY | | |
| <ul style="list-style-type: none"> • Organic Chemistry • Surfactant Chemistry • Natural Product Chemistry • Forensic Science | Professor (Dr) Mrs S JHAUMEER LAULLOO | sabina@uom.ac.mu |
| <ul style="list-style-type: none"> • Computational Chemistry Methods to Solve Chemistry and Interdisciplinary Problems | Professor P RAMASAMI | p.ramasami@uom.ac.mu |
| <ul style="list-style-type: none"> • Ocean Acidification • Coastal Zone Management • Environmental Chemistry • Climate Change • Sustainability | Assoc Prof R T RAMESSUR | ramessur@uom.ac.mu |
| <ul style="list-style-type: none"> • Environmental chemistry/marine pollution/environmental monitoring | Assoc Prof R.T.RAMESSUR /Assoc Prof K.BOODHOO | ramessur@uom.ac.mu kishore.boodhoo@uom.ac.mu |
| <ul style="list-style-type: none"> • Supramolecular chemistry | Assoc Prof K.BOODHOO | kishore.boodhoo@uom.ac.mu |

| RESEARCH THEMES | ACADEMIC STAFF | EMAIL ADDRESS |
|---|--------------------------|--------------------|
| <ul style="list-style-type: none">• Organic Chemistry• Chemical Biology• Surfactant Chemistry derived from Natural Product Backbone | Assoc Prof (Dr) P.CAUMUL | p.caumul@uom.ac.mu |



University of Mauritius

DOCTORAL SCHOOL

RESEARCH THEMES/ INTERESTS OF ACADEMIC STAFF

FACULTY OF SOCIAL SCIENCES AND HUMANITIES

| RESEARCH THEMES | ACADEMIC STAFF | EMAIL ADDRESS |
|---|--|------------------------|
| DEPARTMENT OF ENGLISH | | |
| <ul style="list-style-type: none">• Cosmopolitanism• Transnationalism | Dr (Mrs) S WONG | swong@uom.ac.mu |
| <ul style="list-style-type: none">• Multiculturalism• Diasporic Muslim Cultures and Identities• Subaltern counter publics (Diasporic, intimate and cyberpublics) | Assoc Prof (Dr) Mrs N L AUMEERALLY | n.aumeerally@uom.ac.mu |
| <ul style="list-style-type: none">• Cultural Studies and Critical theory• Cinema Studies and Popular culture• Contemporary/ World Literatures• Postcolonial Studies. Mauritian Literature | Dr (Mrs) N. BHAUTOO-DEWNARAIN | dbhautoo@uom.ac.mu |
| <ul style="list-style-type: none">• Literacy• Multilingualism | Assoc Prof (Dr) Mrs A M AULEEAR OWODALLY | auleearo@uom.ac.mu |
| <ul style="list-style-type: none">• Sociolinguistics• Language contact and multilingualism• Language policy and planning | Dr (Mrs) T AUCKLE RAMKALAWAN | t.auckle@uom.ac.mu |
| <ul style="list-style-type: none">• Postcolonial Literary and Cultural Studies• Mauritian Studies• Diasporic Studies• Translation Studies• Religion and the Sacred• Ecocriticism• Memory and Trauma Studies | Dr (Ms) S RAJKOMAR | s.rajkomar@uom.ac.mu |
| <ul style="list-style-type: none">• Postmodern Theories & Literature• Canonical Literature• Literatures in Translation• The Fairy Tale | Mrs S KOTIAH | s.kotiah@uom.ac.mu |

| RESEARCH THEMES | ACADEMIC STAFF | EMAIL ADDRESS |
|--|------------------------|------------------------|
| <ul style="list-style-type: none"> ● American Studies (Literature, Culture) ● Post-colonial Studies ● Gender Studies ● Shakespeare Adaptations (Advertisements, Online Games, Comics, Movies) ● African Studies (Literature, Culture) ● Diaspora Studies (Asian and African) | Ms A RAMSOONDUR | a.ramsoondur@uom.ac.mu |
| DEPARTMENT OF FRENCH STUDIES | | |
| <ul style="list-style-type: none"> ● General Linguistics ● Syntax ● Mauritian Creole ● Mauritian French ● Morphology ● Lexicon-Syntax Interface ● Language contact | Dr (Ms) M. ALLEESAIB | m.alleesaib@uom.ac.mu |
| <ul style="list-style-type: none"> ● Sociolinguistique ● Sociolinguistique urbaine ● Linguistic Landscape / Environnement graphique ● Toponymie ● Contact des langues ● Etudes Créoles ● Francophonie | Dr. (Ms) Y BOSQUET | y.bosquet@uom.ac.mu |
| <ul style="list-style-type: none"> ● Linguistique Française ● Sociolinguistique ● Plurilinguisme ● Créolistique ● Droits Linguistiques | Professor A CARPOORAN | acarpoo@uom.ac.mu |
| <ul style="list-style-type: none"> ● Feminism ● Gender studies ● Literature of the 20th and 21st century ● Literature of the Indian ocean ● Indiaocenic poetry | Assoc. Prof. B CUNNIAH | bcunniah@uom.ac.mu |
| <ul style="list-style-type: none"> ● Littératures française, francophones et comparée ● Traduction littéraire et traductologie ● Didactique/Didactologie de la littérature ● Écriture créative et édition | Dr (Ms) S R SAMBOO | s.samboo@uom.ac.mu |

| RESEARCH THEMES | ACADEMIC STAFF | EMAIL ADDRESS |
|--|--------------------------------|--|
| <ul style="list-style-type: none"> ● Littératures francophones ● Littérature et mémoire ● L'enfant, L'Autre et le Même ● Littérature comparée ● Littérature française du XVIIIe siècle ● Le fantastique ● Le théâtre ● La poésie | Dr (Ms) S W DOSORUTH | s.dosoruth@uom.ac.mu |
| <ul style="list-style-type: none"> ● Language acquisition ● Psycholinguistics ● French and Creole linguistics ● French, Francophone and Creole studies ● Language policies ● Sociolinguistics ● Language teaching and learning ● Pedagogy and evaluation of acquired knowledge ● Teachers' practice of and behaviour towards languages in education | Dr. G FLORIGNY | g.florigny@uom.ac.mu |
| <ul style="list-style-type: none"> ● Littératures francophones et comparées : Océan Indien/Caraïbe ● Littérature, histoire et mémoire ● L'écocritique ● Transculturalités, indianités et créolités ● Le cinéma hindoustani/Bollywood ● Les humanités océaniques | Assoc. Prof. (Mrs) K. ISSUR | kumari@uom.ac.mu |
| <ul style="list-style-type: none"> ● Learning, development and Mediation in Higher Education ● Pedagogy and Curriculum ● Technologies in Learning ● Interculturalism, Cultural diversity and Cultural Heritage | Ms D BALLGOBIN (Vina) | v.ballgobin@uom.ac.mu |
| DEPARTMENT OF SOCIAL STUDIES (Psychology Unit) | | |
| <ul style="list-style-type: none"> ● Self and Identity ● Group Identification ● Self-uncertainty ● Health Psychology ● Social Influence | Dr (Ms) F GRANT | f.grant@uom.ac.mu |

| RESEARCH THEMES | ACADEMIC STAFF | EMAIL ADDRESS |
|--|------------------------------------|-----------------------|
| <ul style="list-style-type: none"> ● Health Psychology ● Explanatory models of illness, Health behaviours, help-seeking and coping strategies ● Trauma and Abuse ● Psychology of migration ● Educational psychology ● Counselling | Dr (Ms) M M E LECOQ BAMBOCHE | m.bamboche@uom.ac.mu |
| <ul style="list-style-type: none"> ● Mental Health ● Personality ● Culture and its influence | Mrs H BUNDHOO- POONOOSAMY | h.bundhoo@uom.ac.mu |
| <ul style="list-style-type: none"> ● Personality & Self-Esteem ● Ethical & Moral Behavior ● Interpersonal Relationship ● Gender & Family ● Health & Nutritional Psychology ● Positive Psychology | Mrs S RAMPAT | s.rampat@uom.ac.mu |
| DEPARTMENT OF SOCIAL STUDIES (Communications Unit) | | |
| <ul style="list-style-type: none"> ● Media development ● Democratic Governance and Development ● Political Communication and Political Discourses ● New Technologies for Empowerment | Assoc Prof (Dr) Ms R KASENALLY | roukaya@uom.ac.mu |
| <ul style="list-style-type: none"> ● ICTs ● Intercultural Communication ● Development Communication ● Media Studies | Assoc Prof (Dr) Mrs M. PAROOMAL | paroomal@uom.ac.mu |
| <ul style="list-style-type: none"> ● Media Ethics and Media Regulation/Self-regulation ● Freedom of Information and Freedom of the Press ● New Media / Social Media ● Gender and the Media ● Media and Information Literacy ● Popular Culture, Language and Identity ● Creole language in Media and Communication | Mrs C CHAN-MEETOO | chanssc@uom.ac.mu |
| <ul style="list-style-type: none"> ● Journalism & Media Cultures ● Critique of media & society ● Media Literacy | Dr A CHENGANNA | a.chenganna@uom.ac.mu |

| RESEARCH THEMES | ACADEMIC STAFF | EMAIL ADDRESS |
|---|----------------------------------|-----------------------|
| <ul style="list-style-type: none"> • Educational Technologies • Sustainable Course development - MOOCs • Hybrid mode of teaching and learning • Textométrie-Lexicométrie • Multimedia/Hypermedia | Dr G NARRAINEN | g.narrainen@uom.ac.mu |
| DEPARTMENT OF SOCIAL STUDIES (Sociology Unit) | | |
| <ul style="list-style-type: none"> • Gender and politics • Gender and citizenship • Gender, globalization and development • Women's activism in social movements | Assoc Prof (Dr) Ms R RAMTOHUL | r.ramtohul@uom.ac.mu |
| <ul style="list-style-type: none"> • Family • Gender issues • Migration • Higher Education • Social Development • Poverty & Social Policy | Ms D GOKULSING | d.gokulsing@uom.ac.mu |
| <ul style="list-style-type: none"> • Crime & Deviance • Domestic Violence • Sustainable Development | Mr I KOODORUTH | koodorut@uom.ac.mu |
| <ul style="list-style-type: none"> • Race & Ethnicity • Ageing | Mr R SUNTOO | r.suntoo@uom.ac.mu |
| <ul style="list-style-type: none"> • Social Responsibility • Social Inequality • Poverty • Social Injustices in Higher Education • NGOs & Social Policies | Dr N J F RAGODOO | n.ragodoo@uom.ac.mu |
| DEPARTMENT OF SOCIAL STUDIES (Social Work Unit) | | |
| <ul style="list-style-type: none"> • Social Work, civil society organisations and NGOs • Community engagement, participatory development and poverty alleviation • Social Work Education and professionalization • Social work, social justice and human rights | Ms F RAMSAMY | f.ramsamy@uom.ac.mu |
| <ul style="list-style-type: none"> • Multiculturalism • Cultural Diversity and Social Work Practice | Ms C SAUPIN | c.saupin@uom.ac.mu |

| RESEARCH THEMES | ACADEMIC STAFF | EMAIL ADDRESS |
|---|--|--|
| <ul style="list-style-type: none"> • Social Resilience • Social Protection • Social Policy • Climate Change • Social Welfare • NGOs & Poverty Alleviation • Social Capital | Mr A GOPAUL | as.gopaul@uom.ac.mu |
| DEPARTMENT OF HISTORY AND POLITICAL SCIENCE | | |
| <ul style="list-style-type: none"> • Ethnicity and Politics • Political Parties • Institutional Design • Democracy and Governance • African Politics | Miss S S SOOKRAJOWA | s.sookrajowa@uom.ac.mu |
| <ul style="list-style-type: none"> • Democracy and Democratization in Africa • African Politics • Human Rights Law • Freedom of religion or beliefs • Legal Framework on use of Cannabis • Human rights and forms of Discrimination | Mr M JOSON | m.joson@uom.ac.mu |
| <ul style="list-style-type: none"> • African History • Freedom Fighters in Africa | Mr G L J GEBERT | g.gebert@uom.ac.mu |
| <ul style="list-style-type: none"> • Indian Ocean History • Mauritian History • Contemporary international history | Dr (Miss) P BAHADOOR | p.bahadoor@uom.ac.mu |
| <ul style="list-style-type: none"> • Maritime Security • Indian Ocean Studies | Mr L MURDAY | l.murday@uom.ac.mu |
| DEPARTMENT OF ECONOMICS & STATISTICS | | |
| <ul style="list-style-type: none"> • Public Sector Economics & Public Policies | Professor S K SOBHEE Assoc Prof (Dr) Mrs T RAMESSUR Mrs R PRAYAG | sksobhee@uom.ac.mu t.ramessur@uom.ac.mu r.prayag@uom.ac.mu |
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| <ul style="list-style-type: none"> Econometric Modelling & Forecasting Time Series Modelling Longitudinal and Cluster Data Analysis Spatial Data Modelling Experimental Economics Behavioural Economics International Trade | Dr B NOWBUTSING Assoc Prof N MAMODEKHAN | b.nowbutsing@uom.ac.mu n.mamodekhan@uom.ac.mu |

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| <ul style="list-style-type: none">• Biomaterials Engineering and Critical Materials• Nanomedicine• Nano/Biotech applications for plant and human health• AI in drug discovery and therapies• 3D Bioprinting• Polymers• Regulatory Science | Prof (Dr) Archana BHAW-LUXIMON | a.luximon@uom.ac.mu |
| <ul style="list-style-type: none">• Biodiversity and Public Health• Applied and Food Biochemistry• Nutraceutical and Functional Food Science• Efficacy and Safety of Nutraceuticals and Complementary and Alternative Medicine• Indigenous Terrestrial and Aquatic Bioresources in Chronic Disease Prevention and Management | Assoc Prof (Dr) Vidushi S NEERGHEEN | v.neergheen@uom.ac.mu |



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| <ul style="list-style-type: none">• Educational Technology• Multimedia Learning• Multimodality and Assessment• Visual Communication/ Graphic Design• Web and Multimedia Development• Alternate modes of Assessment• Online Learning and teaching pedagogies• Digital learning environments• Computer assisted language learning• Video-based learning• Student Engagement in online learning environments | Dr Dorothy COOSHNA-NAIK | d.cooshna@uom.ac.mu |
| <ul style="list-style-type: none">• Futures thinking in Education• Open Educational Practices for Teaching and Learning• Quality Assurance in Teaching and Learning.• Horizontal Collaborative Networks• Special Education Needs and Leadership• Emotional Intelligence and Transdisciplinary Skills• Teacher education and Professional development• Diversity and Inclusion in Education• Climate Change and Sustainability Education | Mrs S GUNNESS | s.gunness@uom.ac.mu |

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