

List of potential supervisors at Université des Mascareignes

Name	Areas of research
Dr Radhakrishna Somanah dsomanah@udm.ac.mu	Astrophysics, Radio Astronomy, Radio Telescope
Dr Roodheer Beeharry rbeeharry@udm.ac.mu	Road safety, Traffic engineering, Pavement materials technology, Transportation engineering
Dr Zyaad Boodoo zboodoo@udm.ac.mu	International Development, Donor Support, Transformational Change, Sustainability Transitions, Carbon Management, Sustainable Development, Climate Change Mitigation and Adaptation, Climate Strategies, Climate Financing, Clean Development Mechanism, Nation
Dr Raj Kumar Dreepaul rdreepaul@udm.ac.mu	Alternative Refrigerants, Carbon footprint, Greenhouse gases, Hydro Fluorocarbons
Dr Raj Kumar Dreepaul together with Dr Rani Chinnappa	Solar-based air conditioning system design
Dr Rajeev Khoodeeram rkhoodeeram@udm.ac.mu	AI and Robotics, Machine learning, Deep learning and AI Programming, IoT using mobile applications and intelligent systems
Dr Latchoomun Lekhramsingh ntatchoomun@udm.ac.mu	Water Distribution, Automation and Control Systems, Energy Optimisation
Dr Swaleha Peeroo speeroo@udm.ac.mu	Marketing, Social Media, Customer Engagement, Employer Branding, Talent Management
Dr Dhirajsing Rughoo drughoo@udm.ac.mu	Energy Management, Renewable Energy Automation and Power Systems
Dr Dhirajsing Rughoo together with Prof Alireza Maheri	Harnessing Solar Thermal Energy in Mauritius
Dr Sabeena Dowlut sdowlut@udm.ac.mu	Health and AI, Health Education and Therapeutic Education
Dr Yogeshwarsing Calleecharan ycalleecharan@udm.ac.mu	Magnetic actuators, software development, dynamics, vibration signal analysis and testing
Dr Nirmal Kumar Betchoo nbetchoo@udm.ac.mu	Management, Human Resource Management, Social Science

Dr Tyagaraja Modelly S. Cunden tcunden@udm.ac.mu	Renewable Energy: Wind engineering, Regional Climate modelling, Mesoscale and Microscale modelling, Wind Energy Resource Assessment, High resolution Mapping of Wind Energy, Exergy Analysis, Multi Criteria Decision Making, Wind/Solar hybrid systems
Dr Jay Rovisham Singh Doorga jdoorga@udm.ac.mu	Renewable Energy, Climate Change, Environmental Management, Geospatial Modelling, Artificial Intelligence, Statistical Analysis
Dr Jay Rovisham Singh Doorga together with Dr T. Cunden	Geospatial location for charging stations for electric vehicles
Dr Rajeshwar Goodary rgoodary@udm.ac.mu	<ul style="list-style-type: none"> - Soil Mechanics, Geotechnics, Soil Stabilization, Ground Improvement - Development Water Towers in Mauritius
Dr Rajeshwar Goodary together with Dr Doorga	Developing a cycling policy in Mauritius
Dr Nazneen Jackaria njackaria@udm.ac.mu	Religious commitment, religious affiliation, trust, Actual- self Congruity, loyalty
Dr Roshan Oodally roodally@udm.acmu	Leadership, job satisfaction, organisation culture, higher education
Dr. Neelam Pirbhai-Jetha npirbhajetha@udm.ac.mu	Digital Humanities, Francophone/Mauritian Literature, Postcolonialism
Dr. Randhir Roopchund rroopchund@udm.ac.mu	Entrepreneurship, SMEs, Customer Relationship Management, Higher Education
Dr Vandita Ladkoo vladkoo@udm.ac.mu	Body Language, Communication
Dr. Krishnah Moortee SAURTY kmsaurty@udm.ac.mu	FOAD (E-Learning) Compétences Transversales & Plateformes d'Enseignement
Dr Kanayah Saurty ksaurty@udm.ac.mu	Video and Graphics manipulation, IT based systems and frameworks, Innovative Learning Technology
Dr Siamah Kaullychurn Skaullychurn@udm.ac.mu	Quality in Higher Education, Funding Mechanism for Higher Education, Accounting and Finance, Corporate Governance, Public Policy

Dr Mohammad Irshaad Khodabocus ikhodabocus@udm.ac.mu	Generalized Topology, Algebraic Topology, Topological Groups, Mathematical Analysis, Mathematical Modeling of Flow Dynamics, Computational Fluid Dynamics
Dr Mohammad Irshaad Khodabocus together with Prof K. Busawon	Analysis and modelling of the dynamics of Covid-19 in Mauritius
Dr Sanjiv Gungadeen sgungadeen@udm.ac.mu	Corporate Social Responsibility, Sustainability Reporting
Prof Krishna Busawon kbusawon@udm.ac.mu	mathematical modeling, nonlinear control, nonlinear observer design, fault detection and isolation with application to various engineering disciplines such as mechanical, power and biotechnological systems, compressive sensing, chaos communications and hybrid systems
Prof Krishna Busawon together with Prof R. Muthu	Detection, Diagnosis and mitigation of Cyber-attacks in control system networks
Prof Krishna Busawon together with Dr N. Latchooman	Design of observers with discrete measurements
Prof Krishna Busawon together with Dr Yue Wang and Dr R. Das	Development of fast charging algorithms for lithium-ion batteries
Dr Rani Chinnapa Naidu	Power Systems, Power Systems optimization, Renewable energy, Solar Photo Voltaic systems, Application of optimization techniques in Electrical and Biomedical field.
Prof Rajesh Muthu	<ul style="list-style-type: none"> - Speech, acoustic, and Biomedical signal processing, image security, data analytic, perceptual hashing, pattern recognition, machine Intelligence, and optimization technique, Electronic Engineering, Communication Engineering, Biomedical Engineering, Artificial Neural Network, Data Mining, Artificial Intelligence - Development of online virtual laboratory for E-learning for Tertiary Education
Prof. Farid Boumediene	Health and AI, Health Education and Therapeutic Education
Prof. David Authier	Health and AI, Health Education and Therapeutic Education
Mrs Vimi Bissessur together with Dr S. Peeroo vbissessur@udm.ac.mu	Assessing the effect of Covid-19 on the Education Sector in Mauritius

