

## Mini-Dissertation Titles - Masters in Engineering Management 2018-2023



Year	Author	Supervisor	Degree	Title
2023	Chakanyuka M	Visser JK Prof	MEM	Challenges in the implementation of Maintenance Execution process in South African petrochemical industry
2023	Wauts J	Walwyn D Prof	MEM	Policy priorities for reducing the cost of energy storage in South Africa
2023	Takadi S	Benade SJ Dr	MEM	Systems Engineering and Project Management challenges in the concept phase of South African Defence Acquisition Projects
2023	Sirongo WK	Ouma J Prof	MEM	The Factors Influencing the Adoption and Diffusion of New Agricultural Technologies on Northern Communal Regions, Namibia
2023	Sethole L	Peach R Ms	MEM	The most influential subject matters, as viewed by the Global Forum for Maintenance and Asset Management applied to the steel industry
2023	Makala P	De Klerk AM Prof	MEM	New product development in Transet Engineering
2023	Abukalusa KI	Oosthuizen R Prof	MEM	An Adaptive Organizational Leadership Framework through Systems Thinking
2023	Moodley D	Oosthuizen R Prof	MEM	A framework for developing Systems Engineering Management based on Large Project Performance in Mining, Energy and Petrochemical Industries in South Africa
2023	Singh A	Oosthuizen R Prof	MEM	Implementing Resilience Engineering in engineering project teams in South African FMCG manufacturing companies
2023	Ndzumeni EL	Walwyn D Prof	MEM	Enhancing Technological Innovation by Strengthening Absorptive Capacity: A Study of a South African Firm
2023	Claassen M	Steyn HDV Prof	MEM	The Effect of Project Pace on Knowledge Externalisation
2023	Padayachee P	Cloete L	MEM	Mining in the Fourth Industrial Revolution: What does Mining 4.0 look like and what are the opportunities and challenges facing the South African mining industry in adopting the 4IR?
2023	Mabe KAN	Grobbelaar S (Schalk) Dr	MEM	Development and Testing of a Maintenance 4.0 Maturity Model in the South African Mining Industry
2023	Mokone TS	Lalk J Dr	MEM	Securing South Africa's future electrical energy system: The application of a requirements engineering approach to South Africa's Integrated Resource Plan
2023	Dube ANN	Peach R Dr	MEM	Power Plant 4.0: A readiness model for the implementation of Maintenance 4.0
2023	Mabaso M	Peach R Dr	MEM	Determining Maintenance 4.0 Readiness: A Case Study of a South African Food Manufacturing Company
2023	Machitje MS	Peach R Dr	MEM	The use Vibration Sensing as a preventative maintenance strategy in the South African Railway Sector
2023	Matsha RL	Peach R Dr	MEM	An assets management framework for the petrochemical industry moving towards Maintenance 4.0
2023	Mayeza TA	Peach R Dr	MEM	Maintenance Human Factors in the South African Mining Industry
2023	Rajaruthnam L	Peach R Dr	MEM	Incorporating Cybersecurity measures around Industrial Control Systems (ICS) within the Petrochemical sector (2023)
2023	Chipanga TS	Visser JK Prof	MEM	Application of the 7 subject areas of maintenance management formulated by the Global Forum on Maintenance and Asset Management in platinum mines
2023	Govender S	Visser JK Prof	MEM	Comparison of the Maintenance Management System at Coal-fired Power Stations and the Maintenance Framework developed by GFMAM
2023	Mokobane PE	Visser JK Prof	MEM	How can smart maintenance assist in progressing towards 4IR (Fourth Industrial Revolution) in the mining industry
2023	Pillay-Rajaruthnam L	Visser JK Prof	MEM	Assessing maintenance management practices utilised within the processing industry
2023	Smal F	Visser JK Prof	MEM	The impact of reliability -centred maintenance on total cost of ownership of medium voltage explosion-protected induction motors
2023	Gumede ZP	Amadi-Echendu J Prof	MEM	Condition Assessment of Road Infrastructure: A Case Study of Port of Richards Bay
2023	Tlali MG	Amadi-Echendu J Prof	MEM	Asset Management Decision-making in Diamond Mining
2023	Mabotha CM	Chikwanda H Prof	MEM	Assessment of Koedoespoort foundry utilisation constraints and their impact on competitiveness
2023	Mabusela TE	Chikwanda H Prof	MEM	Investigating key operational challenges of shift workers in South Africa: A case study of Rand Water Zuikerbosch, Gauteng Province
2022	Mankoe P	Botha A Dr	MEM	Leadership 4.0 - An exploration of the relevance of executive functions in the context of the South African process manufacturing industry
2022	Shipena J	Chikwanda H Prof	MEM	Fourth Industrial Revolution in Operations Managemeng of a Namibian telecommunications company
2022	Mulaudzi C	Chikwanda H Prof	MEM	Operations Management in the Fourth Industrial Revolution: A look at South African Vanadian Mines and Mineral Extraction Operations
2022	Kakololo R	Walwyn D Prof	MEM	A study of Public Sector University Partnership Models for the maintenance of roads in Namibia
2022	Ramathuba M	Van Waveren CC Dr	MEM	Evaluating the incentives for codifying experience in water treatment projects
2022	Chirwa L	Erasmus L Dr	MEM	Technology Readiness and Maturity in narrow reef mining in the context of Systems Engineering
2022	Khosa N	Pretorius MW Prof	MEM	Industry 4.0 - for Wastewater Quality Management Regulation in South Africa
2022	Sebapu P	Oosthuizen R Dr	MEM	Implementing System Dynamics in support of Lean Six sigma in chemical production system
2022	Nel DM	Amadi-Echendu J Prof	MEM	An investigation into the use of condition monitoring technologies in conventional platinum mines in South Africa
2022	Musewu BC	Oosthuizen R Dr	MEM	Model Based System Engineering for Managing Infrastructure Construction Projects in Africa
2022	Roos JM	Amadi-Echendu J Prof	MEM	Analysis of Condition Monitoring Signals for Electrical Power Generation Equipment: A Case Study
2022	Nanfuka J	Oosthuizen R Dr	MEM	MBSE-Lite: A framework for adopting model-based systems engineering in SMEs in South Africa
2022	Nxumalo A	Oosthuizen R Dr	MEM	Application of MBSE to Minimise Loss of Infrastructure Value at South African Water Utilities
2022	Gower AE	Thopil G Dr	MEM	Water sustainability in South Africa – expert opinion on public perception and the viability of implementing reclamation, recycling, and reuse of wastewater
2022	Madiba LF	Erasmus L Dr	MEM	Management of basic service delivery tracking and reporting system in the South African Local Government
2022	Rabothata TL	Amadi-Echendu J Prof	MEM	Road-user oriented asset management
2022	Nkambule BE	Lalk J Dr	MEM	The impact of Energy Smart Metering Technology in Local Government Service Delivery
2022	Dissanayake SUS	Thopil G Dr	MEM	Exploring Technologies and Management Strategies That Can Lead to Sustainable Water Use in South Africa's Agricultural Sector
2022	Mazibuko LV	Pretorius S Dr	MEM	An Investigation into a South African Thermal Coal Mining Company's Project Schedule Management Maturity and its influence on Project Success

2022	Sephiri OJ	Visser JK Prof	MEM	The application of best practice maintenance by Anglo American Platinum as defined by the GFMAM Maintenance Framework
2022	Ramnarain A	Chikwanda H Prof	MEM	Lean Manufacturing: The case for a South African State Owned Company
2022	Nhubunga D	Steyn HDV Prof	MEM	The roles that project sponsors play at stage gates of a Project Life Cycle Model: A case study of a water utility in South Africa
2022	Ntombela S	Barnard TJ Dr	MEM	Impact of creativity factors on the project portfolio management success factors in a petrochemical company
2022	Mandree V	Barnard TJ Dr	MEM	Drivers for project team effectiveness in a hybrid working environment within a South African Mining Design context
2022	Christians AL	Benade SJ Dr	MEM	The Impact of Industry 4.0 on Configuration Management for Product Development
2022	Ndlovu LP	Letaba TP	MEM	Customised Technology Roadmapping Framework for the Fourth Industrial Revolution in the Rail Sector
2022	Kamdem E	Walwyn D Prof	MEM	The Pathway to Carbon Neutrality: A Case Study of Mercedes Benz South Africa
2022	Lubisi LS	Benade SJ Dr	MEM	Interrelationship between project management and system engineering
2022	Seleka KO	Letaba TP	MEM	An Investigation of the Readiness of the Transformation of the South African Out-Of-Home (OOH) Advertising Industry towards the 4th Industrial Revolution
2022	Mekgoe TL	Ouma J Prof	MEM	Understanding the barriers inhibiting the widespread usage of Renewable Energy Technologies: A case study for the Renewable Energy sector in South Africa.
2022	Teane TO	Letaba TP	MEM	The alignment of technology and organisational strategies in the defence-related, aerospace, and defence industry
2022	Mamabolo MA	Manyuchi AE	MEM	The Influence of Science, Technology and Innovation indicators (STIIs) in Science, Technology and Innovation (STI) policymaking process in South Africa
2022	Mavhaire CM	Chan A Prof	MEM	Effects of multi team membership variety on individual learning and individual performance in the Engineering Teams
2022	Sirongo WK	Ouma J Prof	MEM	The Factors Influencing the Adoption and Diffusion of New Agricultural Technologies on Northern Communal Regions, Namibia
2022	Ngcobo NF	Walwyn D Prof	MEM	Options for Net Zero within South Africa's Mining Sector: An Exploratory Study Based on the Present Context
2022	Makgahlela TSL	Ouma J Prof	MEM	Investigating the Innovation Performance of the South African Post Office
2022	Victor MT	Benade SJ Dr	MEM	How to gain a competitive advantage in the ETO industry
2022	Ramulumisi T	Strauss A	MEM	The impact of the Fourth Industrial Revolution and technology management on the SANDF landwards systems
2022	Mthombeni B	Van der Lingen E Prof	MEM	South African Women Entrepreneurs in STEM*: Challenges and Motivations
2022	Cloete DD	De Klerk AM Prof	MEM	Best practices for the development of complex products: A South African marine mining company case study
2022	Legoabe TT	Botha A Dr	MEM	Organisational culture and human factors that influence the sharing of tacit knowledge: A case study on a software engineering team
2022	Maduray P	Pretorius MW Prof	MEM	The Development of a Technology Management Framework for Fourth Industrial Revolution Systems at a South African Water Board
2022	Nethamba L	Grobbelaar S (Schalk) Mr	MEM	The development of an action priority matrix and technology roadmap for the implementation of data-driven and machine learning-based predictive maintenance in the South African Railway Industry
2022	Manickum S	Pretorius MW Prof	MEM	Fourth Industrial Revolution (4IR) Technology Adoption Framework for a South African Water Board
2022	Tshoenyane GC	Van der Lingen E Prof	MEM	A Case Study Investigation on how Systems Thinking can harness Corporate Entrepreneurship.
2022	Byneveldt NC	Pretorius MW Prof	MEM	The Effectiveness of Technology Management activities and tools in a large telecoms company in South Africa
2022	Almugary MAS	Cloete L	MEM	A framework for the future of mobility in Riyadh: Focus study on emerging technologies
2021	Madonsela SB	Benade SJ Dr	MEM	Assessment of asset management strategy for coal mining companies in South Africa
2021	Mamabolo NA	Visser JK Prof	MEM	Identification and analysis of factors that characterise high performance maintenance teams
2021	De Coning CJ	Pretorius L Prof	MEM	The chance in construction risk management required to enable construction project managers to execute projects in South Africa concerning social instability
2021	Sanker Jawohir AP	Amadi-Echendu J Prof	MEM	An investigation into emission reduction activities in South African industries
2021	Mufamadi NC	Oosthuizen R Dr	MEM	Supplier development in mining projects for sustainable local procurement
2021	Govender P	Amadi-Echendu J Prof	MEM	Case study of technology foresight in Anglo American Platinum Concentrators
2021	Golovins J	Lalk J Dr	MEM	Analysis of the hosting capacity and profitability of distributed photovoltaic generation in the conditions of harmonic distortion- A techno-economic case study
2021	Mashaba T	Peach R Ms	MEM	How will the adoption of new technologies used for inspecting pressure vessels influence computerised maintenance management systems. A case study from the petrochemical industry
2021	Mokonyama SL	Pretorius L Prof	MEM	Collaboration between owners, consultants and contractors to deliver water infrastructure projects in South Africa
2021	Lapshe R	Amadi-Echendu J Prof	MEM	The condition assessment of infrastructure in Gauteng Schools
2021	Mapoulo TL	Lalk J Dr	MEM	Comparison of levelized cost of energy models
2021	Padayachee K	Peach R Ms	MEM	M4.0 Framework and strategy case study: South African Waterbond
2021	Ngomande S	Pretorius L Prof	MEM	Risk-Based inspection and maintenance: South African Manufacturing Industry Review
2021	Mvele OJ	Amadi-Echendu J Prof	MEM	Assessing the condition of wastewater treatment facilities: A case study of Tshwane Municipality
2021	Masango MP	Lalk J Dr	MEM	Requirements Engineering applied to 4IR systems
2021	Ssemakula J	Peach R Ms	MEM	Evaluating the effectiveness of various organisational structures for the maintenance department in asset intensive water utility organisations
2021	Chinniah D	Peach R Ms	MEM	High Performance Team Development and its impact on performance within the South African Railway Industry
2021	Vlok MW	Amadi-Echendu J Prof	MEM	An investigation into technology implementation for minerals processing
2021	Mabunda H	Oosthuizen R Dr	MEM	A system dynamic approach to assess overcrowding at correctional centres as part of the South African Criminal Justice System
2021	Gadzikwa SG	Pretorius L Prof	MEM	Risk management techniques to maintain municipal assets and improve service delivery in South Africa: a case study
2021	Van den Heever HF	Oosthuizen R Dr	MEM	Application of cognitive work analyses to early stage requirements analysis for complex sociotechnical systems
2021	Bengu PB	Lalk J Dr	MEM	Systems Engineering and Thinking: An application to energy system planning
2021	Ramahlahi MT	Thopil G Dr	MEM	Completely off-grid ecotourism: a case study feasibility analysis on South African Ecotourism



2021	Mandah GU	Pretorius L Prof	MEM	The impact of Enterprise Risk Management Models and their implementation in engineering and established organisations
2021	Dayabhai A	Lalk J Dr	MEM	A comprehensive LCOE analysis of hybrid solar PV and battery energy storage systems in South Africa
2021	Stoffberg AW	Thopil G Dr	MEM	South African public utility coal fired power station emission projections, 2021 to 2050
2021	Nozakuzaku MS	Thopil G Dr	MEM	Feasibility study of offshore windfarm implementation in South Africa looking at Technical Factors
2021	Matsekangope V	Pretorius L Prof	MEM	Application of project risk management on repetitive projects: evaluation of projects executed in Eskom
2021	Bigun S	Benade S Dr	MEM	A hybrid systems engineering approach for complex project environments
2021	Mokgatlhe LN	Chikwanda H Prof	MEM	The future of automation in Human Based Manufacturing
2021	Mostert WJ	Benade S Dr	MEM	Business process management and maturity evaluation and its relation to business performance
2021	Qata L	Chikwanda H Prof	MEM	An analysis of knowledge management frameworks and identification of gaps in an ICT group's retail operations
2021	Van der Linde L	Benade S Dr	MEM	Circular human sphere - the conceptual development embedding a social pillar in the circular economy framework
2021	Malatsi R	Mtyopo MB	MEM	Assessment of University of Technology's internal process and structure in enabling Technology Stations to drive industrial competitiveness of SME's
2021	Mutund KD	Visser JK Prof	MEM	Asset Management Excellence: a model for integration of total productive maintenance and reliability centered maintenance in metallurgical process plant
2021	Chachane MG	Chudy MK	MEM	Energy optimisation of residential, commercial and industrial facilities employing virtual power plant concept (VPP) in South Africa
2021	Botsheane C	Visser JK Prof	MEM	Extent of use for risk-based techniques in maintenance in South African companies
2021	Dikola KV	Chikwanda H Prof	MEM	A critical analysis of the adoption and usage of new information systems in state-owned enterprise in South Africa
2021	Els I	Visser JK Prof	MEM	Application of industry standards and management commitment to asset management in a typical petrochemical industry
2021	Malinga JTB	Visser JK Prof	MEM	Opportunities that condition monitoring presents to existing computerized maintenance management systems
2021	Mabena MNO	Chikwanda H Prof	MEM	The relationship between green supply chain management and green building performance: a case study of a green rated building
2021	Kweyama ST	Visser JK Prof	MEM	Analysis of maintenance management strategies of the road networks by road authorities in South Africa
2020	Bartlett CM	Amadi-Echendu J Prof	MEM	Condition assessment of structural steel and reinforced concrete structures in a petrochemical environment
2020	Louw B	Ouma J Prof	MEM	The role of public procurement in promoting technological innovation in the South African water and sanitation consruction industry
2020	Tshabangu SZ	Ouma J Prof	MEM	Exploring the use of public procurement to promote innovation in the South African energy sector: The evolution of solar energy procurement
2020	Smit S	Naude R Mr	MEM	An investigation into the application of blockchain technology in supply chain: A focus on freight forwarding
2020	Tshikhudo GP	Peach R Ms	MEM	Maintenance 4.0 as an element of Industry 4.0: Assessing the readiness of a South African SOE
2020	Sekokotla SJ	Benade SJ Dr	MEM	Evaluating the impact of asset management practices in the local government electricity sector: A case study of CoT Municipality
2020	Chuma MK	Amadi-Echendu J Prof	MEM	Evaluation of maintenance performance measurements: A case study of pulp and paper mill
2020	Khumalo SA	Amadi-Echendu J Prof	MEM	Analysis of simulated changes in the condition of shell and tube heat exchangers
2020	Alex A	Peach R Ms	MEM	Factors influencing the performance of railway track maintenance teams
2020	Mohammed ASM	Pretorius L Prof	MEM	Challenges in applying risk management in developing countries construction project
2020	John RR	Amadi-Echendu J Prof	MEM	Analysis of transmission circuit breakers on Eskom faults
2020	Mahadeo Y	Amadi-Echendu J Prof	MEM	Analysis of Ship-to-Shore crane maintenance at a container port
2020	Ngobeni S	Pretorius L Prof	MEM	Alternative methods and tolls used for project risk analysis
2020	Matjila SB	Thopil G Dr	MEM	The cost benefit analysis for rural off-grid electrification projects in South Africa
2020	Mbuli TM	Amadi-Echendu J Prof	MEM	Assessing factors that cause delays in road maintenance projects: a case study of the Western Cape Province of South Africa
2020	Rasello PF	Amadi-Echendu J Prof	MEM	Techniques for the extension of useful life for broadcasting equipment
2020	Meyer J	Peach R Ms	MEM	A framework for the implementation of a computerized maintenance management system incorporating process information systems
2020	Bezuidenhout JJ	Van Waveren CC Mr	MEM	Applying a knowledge management framework to identify opportunities for improving project development efficiency in engineering consulting firms
2020	Mulaudzi F	Barnard TJ Dr	MEM	Procurement procedures in SA Defence Industry: investigation of the use of critical criteria in contractor selection
2020	Ndjago IN	Kruger L Mr	MEM	Evaluating the impact of asset management in the water industry: a case study of the Namibian Water Corporation (Namwater)
2020	Mosehla RC	Barnard TJ Dr	MEM	Successful culturally sensitive stakeholder management in the South African construction industry
2020	Uys N	Van Waveren CC Mr	MEM	Determining a suitable knowledge management framework for the South African PGM Mining industry
2020	Carstens MO	Benade SJ Dr	MEM	Reducing the time-to-market for an African railway OEM-A system engineering approach utilising integrated product teams in Transnet Engineering
2020	De Vries KC	Visser JK Prof	MEM	Evaluation of the factors characterizing high performing maintenance teams in the petrochemical industry
2020	Mokoena AZN	Visser JK Prof	MEM	Critical success factors for risk-based inspection of corrosion-loop pepelines - SASOL case study
2020	Molefe M	Visser JK Prof	MEM	Application of the 7 subject areas of maintenance management in the power generation industry
2020	Mothiba VM	Visser JK Prof	MEM	Risk management: Investigation of analysis tool usage and importance in water and wastewater industrial projects in South Africa
2020	Xulu T	Mtyopo MB	MEM	Project delivery through public private partnership (PPP): Management of the handback phase
2020	Mulke F	Visser JK Prof	MEM	An investigation into the readiness of South African industry to support industry 4.0
2020	Acquah ZA	Chan A Prof	MEM	An evaluation into the factors influencing the formation of University industry collaborations in South Africa: A researcher's perspective
2020	Mupazviriwo RF	Chan A Prof	MEM	Factors affecting tacit knowledge sharing in project-based and knowledge intensive organisations
2020	Temeki SS	Blyth D	MEM	The impact of public procurement legislation on product development: a case study on a military vehicle prototype development

2020	Tshidavhu PM	Chan A Prof	MEM	The influence of number and variety of multiple team memberships on individual learning, cognitive thinking and innovation performance
2020	Ndjapha S	Chan A Prof	MEM	The relationship between number and variety of multiple team mbemberships and the individual learning and innovative performance
2020	Nelufule PP	Chikwanda H Prof	MEM	Investigation on Innovation Management in a weapon manufacturing company
2020	Sephire T	Heunis C Dr	MEM	The introduction of E-learning (Virtual Reality) to enhance productivity, safety and sustainability in the SA Mining Industry: a case study
2020	Zulu SS	Letaba TP	MEM	The development of technology roadmap for ferrochrome producers
2020	Coopasamy S	Botha A Dr	MEM	Leadership 4.0: changes required in leadership within the South African petroleum industry in order to support the Fourth Industrial Revolution
2020	Abideen ZU	De Klerk AM Prof	MEM	Risk management in the South African construction industry
2020	Fluke GD	Pretorius MW Prof	MEM	Readiness levels of skills in a Fourth Industrial Revolution context: a study in the rail industry
2020	Van der Westhuizen E	Botha A Dr	MEM	The relevance of current leadership theories for the Fourth Industrial Revolution
2020	Cilliers EJ	De Klerk AM Prof	MEM	Best practice implementation during new product development activities of South African companies based in the Pretoria region
2020	Kelefetswe SE	De Klerk AM Prof	MEM	Managing construction risk through dispute avoidance procedure in South Africa
2020	Ithete SS	Steyn JL	MEM	Market access strategies and innovation of automotiva component manufacturing organizations in an emerging economy
2020	Van Rooyen R	De Klerk AM Prof	MEM	Project risk management in a major South African Mining company
2020	Mienies J	Pretorius MW Prof	MEM	Absorptive capacity: value for iron ore mining sector through effective technology and knowledge management
2019	Botha PJJ	Benade S Dr	MEM	The impact of (early) system Engineering on Project Management
2019	Botha WJ	Chan A Prof	MEM	An empirical study in exploring the relationships among design thinking, team diversity, team integration and team performance
2019	Botlholo GM	Amadi-Echendu J Prof	MEM	Condition assessment of assets deployed in primary healthcare facilities
2019	Brits RH	Viljoen P Mr	MEM	The extent to which systems thinking decision making can improve the bottom line: A simulation-based comparison of TOC and traditional accounting decisions making in the mining industry
2019	Busang NM	Pretorius MW Prof	MEM	The impact of omitted factors on the development and execution of Kusile power station
2019	Du Plessis L	Meyer W Dr	MEM	Market performance and portfolio success: The pragmatic relational study applied in the global mining and metals industry
2019	Gawler JD	Viljoen P Mr	MEM	Understanding profitability and key success factors of owner managed manufacturing small and medium Enterprises in South Africa
2019	Hofisi B	Visser JK Prof	MEM	Limitations on implementing maintenance strategies in manufacturing and mining sectors
2019	Horak WE	Pretorius L Prof	MEM	Towards higher yields: A theory of constraints approach to aquaponic systems
2019	John RS	Erasmus L Dr	MEM	Effective systems engineering for radar systems development in a research and development environment: A case study
2019	Kgoetego MC	Walwyn D Prof	MEM	The effect of environmental policies on the manufacturing sector: a case study of Sasol's air emissions
2019	Khoarai KM	Amadi-Echendu J Prof	MEM	A case study analysis of asset management practices in hydropower generation
2019	Khumalo BZ	Pretorius MW Prof	MEM	Application of Technology Identification and Acquisition strategies when implementing emission reduction strategies: A view of South African firms
2019	Kubu GK	Visser JK Prof	MEM	The implementation of Change Management practices in a manufacturing process industry
2019	Kupa PM	Naude R	MEM	Understanding the role of spectrum in 5G mobile technology adoption
2019	Kwinda M	Botha A Dr	MEM	Futures Studies: Preparing for tomorrow's business in a slow changing environment
2019	Le Roux MJ	Pretorius MW Prof	MEM	Open Innovation as Driver for Technological Capability in South Africa
2019	Lebata M	Amadi-Echendu J Prof	MEM	A review of legislation, guidelines and standards applicable to managing infrastructure assets: a case study of the city of Ekurhuleni
2019	Lovell R	Walwyn D Prof	MEM	The development of a Health Technology Assessment Policy and operating
2019	Machingauta ES	Blyth D	MEM	Improving the integration of asset management, life cycle management and supply chain management using systems engineering, a study of mining companies in Zimbabwe
2019	Mahachi FJ	Walwyn D Prof	MEM	Energy Transitionos in Developing Countries: A Case Study of Zimbabwe
2019	Makari Y	Crafford A Dr	MEM	Barriers women face in the Namibian Construction Industry
2019	Manchest CS	Pretorius S Mrs	MEM	Exploring the appropriate leadership style balance for critical phases of a Business Process Framework implementation in the South African Coal mining industry
2019	Marren R	Amadi-Echendu J Prof	MEM	An investigation into technology procurement investment decisions between a retailer and its manufacturers in the FMCG industry
2019	Masvaure D	Visser JK Prof	MEM	The use of maintenance technologies in the mining industry: South Africa
2019	Matiyenga FG	Pretorius MW Prof	MEM	An Assessment of Industry 4.0 Readiness and Maturity for a South African Automotive Company
2019	Matodzi RG	Chan A Prof	MEM	An Empirical Study to Identify the Characteristics that Impact on Individual Innovative Behaviour and their Effect on Productivity in the Workplace
2019	Mole NE	Amadi-Echendu J Prof	MEM	Diffusion of mobile telephony: a case of Lesotho
2019	Moola I	Thopil G Dr	MEM	Policy recommendations towards encouraging the growth of embedded generation through urban residential rooftop PV system installations
2019	Motloba TP	Du Plessis M Mr	MEM	Enhancing the Effectiveness and Impact of Digitization in the Opencast Mining Operations
2019	Mthiyane NH	Pretorius MW Prof	MEM	Industry 4.0 - A skills gap analysis at an electricity utility
2019	Mullineux D	Thopil G Dr	MEM	Carbon Dioxide evaluation in the South African industrial sector
2019	Muzenda T	Blyth D	MEM	Systems Engineering Management: Aligning Supply Chain Management, Asset Management and Life Cycle Management
2019	Nkoana KJ	Sparrius A Dr	MEM	Understanding Construction Delays and Extension of Time in South African Transport Infrastructure Projects
2019	Nxumalo MS	Botha A Dr	MEM	Future thinking and strategic planning: creating a preferred future in telecommunications industry
2019	O'Grady Moutinho F	Botha A Dr	MEM	Transition Management in Complex Economic Growth - Beyond the Knowledge Era
2019	Oldjohn KR	Chan A Prof	MEM	Exploring relationships between team dynamics and innovation



2019	Raman KJ	Amadi-Echendu J Prof	MEM	Investigation into the Condition Assessment of Railway Track Infrastructure
2019	Sabeka S	Lalk J Dr	MEM	Zimbabwe Energy Policy - Is it promoting or discouragng economic growth: A case study of Independent Power Producesrs' (IPPs) inertia to enter into the electrical energy market in Zimbabwe
2019	Schehle M	Van der Lingen E Prof	MEM	Analysing the appropriateness of knowledge and skills transfer in South African Incubators
2019	Sehoana KA	Lalk J Dr	MEM	Assessing regulatory schedule delay risks during a nuclear power plant construction project
2019	Smith WA	Bekker MC Dr	MEM	Projectification in the South African Mining Industry
2019	Taljaard A	Benade S Dr	MEM	Distribution Channel Planning Process: A Case Study for Columbus Stainless in the South African Stainless Steel Industry
2019	Van den Ordel C	Van der Lingen E Prof	MEM	Creativity in problem solving: Creativity of young recently qualified Engineers in South African mines
2019	Viljoen RB	Visser JK Prof	MEM	Retrofits and refurbishments as alternative solutions to replacement of aged switchgear in a petrochemical plant
2019	Wride CJ	Chan A Prof	MEM	Project team dynamics and team learning
2018	Badenhorst L	Van der Lingen E Prof	MEM	The 4th industrial revolution's impact on relationships between manufacturers and distributors
2018	Bisanda MP	Van Waveren CC Mr	MEM	An Investigation on the influence that individual and Project characteristics have on Project Manager's choice of knowledge transfer mechanism for learning from previous projects
2018	Boustead LJ	Pretorius MW Prof	MEM	The Application of Additive Manufacturing in the South African Spinal Orthopedic Industry for the manufacture of Patient Specific Implants: An Exploratory Review
2018	Breytenbach C	Naude R Mr	MEM	Analysing technology transfer in a outsourced mobile telecommunications operational environment
2018	Chetty CJ	Botha A Dr	MEM	Leaving a legacy - Transferring Engineering Knowledge in a mobile workforce environment
2018	Cosa LC	Visser JK Prof	MEM	An investigation into the history &trends of new maintance technologies in the South African Process manufacturing industries
2018	de Vos EH	Walwyn D Prof	MEM	A Quantitative Study of the Influence of Personality on the Problem Solving Approaches of Engineering Students at the University of Pretoria
2018	Dlamini SM	Lotz M Dr	MEM	Residential consumer's willingness to pay for a premium priced green electricity
2018	Eloff R	Botha A Dr	MEM	Business strategy framework for SME Engineering Consulting firms in South Africa
2018	Gaingob M	Baker L Dr	MEM	Development of embeded electricity generation at municipal level in South Africa
2018	Gilbert RB	Peach R Ms	MEM	A Maintenance Performance Measurement framework incorporating information system aspects for improved effectiveness
2018	Herbst TF	Pretorius MW Prof	MEM	Alignment of technology management strategy and business model, the next ten years: a case study
2018	Huisamen E	Crafford A Ms	MEM	Programme evaluation of Hydra Arc's internal supervisor training programme (HAISTP) to upskill supervisory level in the petrochemical manufacturing and maintenance arenas
2018	Jansen van Rensburg R	Benade S Dr	MEM	Different organisational structures and the effect on quality of service, efficiency and turnover in consulting engineering firms
2018	Kawana BM	Visser JK Prof	MEM	Effectiveness of different organisation structures in Maintenance Management in Namibia
2018	Kritzinger NM	Ross V Dr	MEM	How portfolio performance measures can stimulate and direct creativity and innovation in the organisation
2018	Mabuza SB	Steyn HDV Prof	MEM	An explorative study to determine the factors that promote and discourage knowledge transfer in South African Construction companies using projects reviews and why.
2018	Maimbo TT	Amadi-Echendu J Prof	MEM	A case study investigation into reliability of waste-water treatment plants
2018	Makgato MG	Crawford A Dr	MEM	Program evaluation of Hydra Arc's internal supervisor training program (HAISTP) to upskill supervisory level staff in the petrochemical manufacturing
2018	Malan HT	Visser JK Prof	MEM	Identification of risks associated with process automation systems: A case study of Sasol Process Automation Layers
2018	Maluleke RT	Pohl F Mr	MEM	Strategic Business Location Theory : Assessing its applicability within the South African context
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