

Mini-Dissertation Titles - Masters in Technology and Innovation Management 2018 -2020



Year	Author	Supervisor	Degree	Title
2018	Gavhi T	Benade S Dr	MTM	Effectiveness of Engineering Change Management Process in Eskom Generation Plants
2018	Govender K	Botha A Dr	MTM	An Insight into the Technology Selection Strategy utilized in the South African Manufacturing Industry
2018	Maritz HC	Chan A Prof	MTM	The relationship between network profile of employees and technology transfer at individual level: A case of R&D employees working in Namibia
2018	Dinnanath S	Chen J	MTM	A preliminary customer data to strategic value creation framework: A study of South African Service organisation
2018	Masedi MJ	Grobbelaar S (Schalk) Mr	MTM	Challenges in implementing risk management in construction projects. As such construction risk management is essential to ensure the survival and growth of organisations
2018	Makgoga A	Lotz M Dr	MTM	Kimberly residential consumers willingness to pay for premium priced for green electricity
2018	Mekwa JOK	Lotz M Dr	MTM	Residential consumer's willingness to pay for a premium priced green electricity in Emalaheni (Witbank)
2018	Cruickshank MJ	Pretorius MW Prof	MTM	Multi-Generational Terhnological Substitution in the "New Space" Small Satellite Launch Vehicle
2018	Dennyschen EN	Pretorius MW Prof	MTM	A study on the alignment of technology management tools with strategic business capabilities and strategies
2018	Simelane KM	Pretorius MW Prof	MTM	A study on the alignment of technology and business strategies with the South African automotive industry: an industry 4.0 perspective
2018	Baloyi JR	Visser JK Prof	MTM	Analysis of the Impact of human factor and Safety management on (CNS) equipment maintenance
2018	Kenosi NR	van der Lingen E Prof	MTM	Assessment of technology trasfer between corporates and black owned SMMEs in an incubation: Case Study
2018	Heunis H	van Eck E Ms	MTM	A case study on the implementation of Earned Value Management in construction projects
2018	Lubbe BF	Visser JK Prof	MTM	Analysis of maintenance planning function deployment of a FMCG manufaturing firm in a South African environment
2019	Carvalho DMD	Pretorius MW Prof	MTM	A study into the adoption of new technology from foreign sources in the banking sector Angola
2019	Chetty R	Mashinini N	MTM	Analysis of quality tools and techniques to improve quality effectiveness and efficiency: A case of telecommunication call centre operators in South Africa
2019	Daraojimba CE	Grobbelaar S (Schalk) Mr	MTM	Determining whether the implementation of PMBOK principles leads to successful infrastructure project execution
2019	Hanzen SE	Botha A Dr	MTM	The future of Information security management systems
2019	Kelepa MJ	Pretorius MW Prof	MTM	Studies on the alignment of Technology- and Business strategies: The adoption of Technology Management tools in the coal mining sector
2019	Khumalo BPP	Du Plessis M Mr	MTM	Analysis of the technology management framework at operational level and its alignment with the organisational level strategy of the business: Case study of South 32 mining operations in SA
2019	Kolisang NLG	van der Lingen E Prof	MTM	Analysis of Adoption of Diffusion of DTT, IPTV and OTT, commercial viability and impact on traditional Broadcasting ICTs Services and QoL in Sout Africa
2019	Letshabo TM	Botha A Dr	MTM	A technology transfer framework for Industry 4.0: Introduction into the South African rail manufacturing industry
2019	Liddell LT	Naude R Mr	MTM	The Application of Block Chain Technology in Arms Trading Governance
2019	Makhotla N	Mugabe J Prof	MTM	Analysis of research collaborations between public institutions and private industry case studies in mineral processing and beneficiation industry
2019	Maphunye RM	Visser JK Prof	MTM	An evaluation of the implementation of new maintenance technologies in South Africa
2019	Mokgala HP	Chan A Prof	MTM	A Teams Approach to Idean Generation: An Analysis of individual-level factors and team-level factors on Creativity
2019	Mtsweni DSS	Botha A Dr	MTM	Future thinking and strategic thinking: Preparing organisations in broadcasting for tomorrow's business in the Fourth Industrial Revolution
2019	Mushaisano MI	Chan A Prof	MTM	Enabling service innovation in higher education institutions by means of leveraging knowledge management practices
2019	Nel J	Botha A Dr	MTM	Human-machine partnerships in Industry 4.0 - artificial intelligence to the advantage of chemical industry
2019	Nkosi PM	van der Lingen E Prof	MTM	An investigation of entrepreneurship orientation in the metal and engineering sector in achieving sustainable organisational performance
2019	Ntanzi M	Botha A Dr	MTM	Mediating and moderating factors for transferring knowledge to the project-based organisation
2019	Shobede NC	Chan A Prof	MTM	Factors that influence the Acceptance of E-learning in the workplace: Armscor Case Study
2019	Theron PF	Botha A Dr	MTM	Human Machine Partnerships in Industry 4.0 - Machine Ethics
2019	Van Besouw JG	Barnard T Dr	MTM	Smart project management information system for engineering and construction projects - emphasis on project reporting
2020	Ramkirpal N	Peach R Ms	MTM	Using technology management to guide the journey to Reability 4.0 in the manufacturing industry: a South African context using a case study of a food and beverage company
2020	Mphahlele S	Barnard T Dr	MTM	The role of team collaboration to increase IT project success
2020	Nchabeleng GM	Van Waveren CC Mr	MTM	The relationship between knowledge sharing practices and team innovation in agile software development approaches
2020	Raphuthi N	Visser JK Prof	MTM	Utilization of eMaintenance technologies in the South African petrochemical industry
2020	Daling WD	Naude R Mr	MTM	Application of process model-based digital twins in mining
2020	Mashishi S	Naude R Mr	MTM	The adoption of 5G mobile technology in South Africa to support industry 4.0
2020	Molebale JU	Blyth D	MTM	Employing systems engineering to direct asset management (AM), life-cycle management (LCM), and supply chain management (SCM) processes
2020	Naicker N	Chan A Prof	MTM	The impact of inter-organizational multiple project team mbemership on team performance and team learning: a case study at a lead pay TV operator in Africa
2020	Thoba BV	Chan A Prof	MTM	Open innovation barriers and mitigating solutions for organisations
2020	Phago ER	Letaba TP	MTM	The effectiveness of big fast results methodology and transformative innovation policy for leapfrogging into Fourth Industrial Revolution
2020	Malinga AL	Strauss A	MTM	Developing a technology roadmap toolkit for 4IR technology planning in defence. Case study: South African National Defence Force
2020	Naidoo P	Chan A Prof	MTM	The relationship between the strenght and types of knowledge transferred in a South African organisation
2020	Mashoko L	Strauss A	MTM	Technology roadmaping and the fourth Industrial Revolution: A case study of Aerospace SMME's in South Africa
2020	Matsepe NT	van der Lingen E Prof	MTM	Determinants of 4IR technology adoption in the South African financial sector
2020	Schwan A	van der Lingen E Prof	MTM	Mediating the conflicts between traditional resource controls and those required for effective corporate entrepreneurship in highly industrialised companies
2020	Khoza T	Manyuchi AE	MTM	The analysis of the science, technology and innovation policies for biotechnology leapfrogging: Cases of South Africa & Namibia
2020	Sithole BS	Van der Lingen E Prof	MTM	Factors influencing adoption and diffusion of digitisation in the mobile telecommunications industry
2020	Shabangu NM	Ouma J Prof	MTM	The evaluation of the implementation of energy provisions of South Africa's 1996 White Paper on Science & Technology: case study of the role of Eskom
2020	Gertzen WM	Van der Lingen E Prof	MTM	Project selection criteria for digital transformation
2020	Theron CD	Van der Lingen E Prof	MTM	Organisational and personal self-concept and their moderating relationships as determinants to entrepreneurial orientation